



**ACQUISITION OF ACID VAPOR AND AEROSOL  
CONCENTRATION DATA  
FOR USE IN DRY DEPOSITION  
STUDIES IN THE SOUTH COAST AIR BASIN**

**Volume II**

**Environmental Quality Laboratory  
CALIFORNIA INSTITUTE OF TECHNOLOGY  
Pasadena, California 91125**

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CONCENTRATION DATA FOR USE IN DRY DEPOSITION  
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Volume II

by

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"Acquisition of Acid Vapor and Aerosol  
Concentration Data for use in Dry Deposition  
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## Part A

PM<sub>10</sub> Concentrations Measured at Downtown Los Angeles

This section contains data on PM<sub>10</sub> mass concentration and chemical composition measured at Downtown Los Angeles. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule over the period August 1985 - December 1986. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following PM<sub>10</sub> ( $d_p < 10 \mu\text{m AD}$ ) aerosol species: PM<sub>10</sub> mass, organic carbon (OC), elemental carbon (EC), total carbon (TC = OC + EC), NO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>, SO<sub>4</sub><sup>=</sup>, NH<sub>4</sub><sup>+</sup>, Na<sup>+</sup>, Mg<sup>++</sup>, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.99 \pm -9.99$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol < are determined to be below their detection limit. In that case, the measured concentration is bounded up to the sample detection limit and the error bound is determined by statistically propagating the sampling and analysis precisions for that sample. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol < has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by Cl<sup>-</sup>, while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Water soluble PM<sub>10</sub> Br<sup>-</sup> aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	MASS	OC	EC	TC	NH4+
087	850805	51.89+- 2.95	11.86+- 0.85	2.42+- 0.38	14.28+- 0.43	1.95+- 0.08
087	850811	35.86+- 2.92	5.19+- 0.51	0.38+- 0.27	5.57+- 0.17	1.55+- 0.06
087	850817	39.63+- 2.94	5.46+- 0.53	1.02+- 0.31	6.48+- 0.19	4.25+- 0.17
087	850823	73.52+- 2.96	18.88+- 1.20	6.14+- 0.56	25.02+- 0.75	1.45+- 0.06
087	850829	72.03+- 2.93	16.23+- 1.06	4.17+- 0.46	20.39+- 0.61	1.48+- 0.06
087	850904	29.09+-11.29	8.22+- 1.38	< 1.22+- 1.03	< 9.43+- 0.28	0.59+- 0.02
087	850910	30.18+- 2.95	5.66+- 0.53	1.76+- 0.34	7.42+- 0.22	0.45+- 0.02
087	850916	61.71+- 2.96	7.31+- 0.62	1.79+- 0.35	9.10+- 0.27	2.45+- 0.10
087	850922	59.96+- 2.98	13.10+- 0.91	2.06+- 0.36	15.16+- 0.45	1.86+- 0.07
087	850928	38.22+- 3.01	9.79+- 0.75	1.83+- 0.35	11.62+- 0.35	2.12+- 0.08
087	851004	66.85+- 3.03	15.90+- 1.06	4.43+- 0.48	20.33+- 0.61	1.68+- 0.07
087	851010	59.47+- 3.01	16.67+- 1.09	5.94+- 0.56	22.62+- 0.68	0.53+- 0.02
087	851016	62.02+- 3.02	17.22+- 1.12	4.14+- 0.47	21.37+- 0.64	1.71+- 0.07
087	851022	28.04+- 3.00	10.01+- 0.76	3.25+- 0.42	13.26+- 0.40	0.98+- 0.04
087	851028	69.79+- 3.04	12.41+- 0.88	2.22+- 0.37	14.63+- 0.44	7.05+- 0.28
087	851103	65.82+- 3.02	22.80+- 1.40	2.87+- 0.40	25.67+- 0.77	3.05+- 0.12
087	851109	36.37+- 2.99	5.82+- 0.55	1.04+- 0.31	6.86+- 0.21	1.12+- 0.04
087	851115	55.40+- 3.01	16.37+- 1.08	5.59+- 0.54	21.96+- 0.66	1.57+- 0.06
087	851121	78.24+- 3.05	16.55+- 1.09	4.95+- 0.51	21.50+- 0.65	6.63+- 0.27
087	851127	42.10+- 3.02	8.36+- 0.68	2.35+- 0.38	10.72+- 0.32	4.86+- 0.19
087	851203	33.85+- 3.01	12.12+- 0.87	3.91+- 0.46	16.03+- 0.48	1.83+- 0.07
087	851209	31.78+- 2.99	12.60+- 0.89	3.64+- 0.44	16.23+- 0.49	1.12+- 0.04
087	851215	37.88+- 3.00	15.07+- 1.01	3.77+- 0.45	18.84+- 0.57	1.28+- 0.05
087	851221	78.95+- 3.05	22.37+- 1.38	5.20+- 0.52	27.56+- 0.83	5.04+- 0.20
087	851227	124.27+- 3.13	28.47+- 1.68	6.51+- 0.59	34.98+- 1.05	13.28+- 0.53

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	MASS	OC	EC	TC	NH4+
087	860102	122.14+- 3.12	14.24+- 0.97	3.78+- 0.45	18.02+- 0.54	17.60+- 0.70
087	860108	53.01+- 3.01	16.55+- 1.09	8.53+- 0.68	25.07+- 0.75	0.59+- 0.02
087	860114	56.87+- 3.00	10.87+- 0.80	4.55+- 0.49	15.42+- 0.46	2.26+- 0.09
087	860120	86.49+- 3.04	14.16+- 0.97	3.13+- 0.42	17.30+- 0.52	9.55+- 0.38
087	860126	35.05+- 2.99	11.91+- 0.85	3.46+- 0.43	15.37+- 0.46	0.29+- 0.01
087	860201	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99
087	860207	40.43+- 3.01	11.06+- 0.81	3.62+- 0.44	14.68+- 0.44	0.71+- 0.03
087	860213	41.80+- 3.00	8.42+- 0.68	2.90+- 0.40	11.32+- 0.34	3.51+- 0.14
087	860219	33.17+- 3.02	6.68+- 0.60	1.93+- 0.36	8.61+- 0.26	0.58+- 0.02
087	860225	95.35+- 3.06	26.31+- 1.57	10.82+- 0.80	37.13+- 1.11	4.74+- 0.19
087	860303	73.61+- 3.03	12.87+- 0.90	4.11+- 0.46	16.98+- 0.51	7.23+- 0.29
087	860309	35.29+- 3.02	9.25+- 0.72	1.42+- 0.33	10.67+- 0.32	1.09+- 0.04
087	860315	28.73+- 3.00	7.97+- 0.66	1.52+- 0.33	9.49+- 0.28	0.82+- 0.03
087	860321	38.97+- 2.96	12.68+- 0.89	5.08+- 0.51	17.76+- 0.53	0.55+- 0.02
087	860327	111.97+- 3.08	26.58+- 1.59	7.46+- 0.63	34.04+- 1.02	7.19+- 0.29
087	860402	54.91+- 3.01	8.18+- 0.67	1.43+- 0.33	9.61+- 0.29	0.55+- 0.02
087	860408	26.71+- 2.98	9.90+- 0.75	3.29+- 0.42	13.19+- 0.40	0.76+- 0.03
087	860414	57.66+- 3.01	13.19+- 0.92	3.05+- 0.41	16.24+- 0.49	2.65+- 0.11
087	860420	28.92+- 2.95	9.01+- 0.71	1.83+- 0.35	10.84+- 0.33	0.54+- 0.02
087	860426	50.12+- 3.03	9.08+- 0.71	1.93+- 0.35	11.01+- 0.33	2.21+- 0.09
087	860502	57.70+- 2.98	13.33+- 0.92	3.72+- 0.44	17.05+- 0.51	1.56+- 0.06
087	860508	47.31+- 2.99	10.57+- 0.78	2.45+- 0.38	13.01+- 0.39	1.46+- 0.06
087	860514	60.70+- 3.01	7.47+- 0.63	1.89+- 0.35	9.36+- 0.28	4.54+- 0.18
087	860520	69.63+- 3.03	10.94+- 0.80	1.98+- 0.36	12.92+- 0.39	5.00+- 0.20
087	860526	60.44+- 3.01	9.19+- 0.72	1.12+- 0.31	10.31+- 0.31	5.33+- 0.21
087	860601	44.17+- 3.00	7.72+- 0.64	0.76+- 0.29	8.47+- 0.25	4.95+- 0.20
087	860607	48.55+- 3.01	8.94+- 0.70	1.46+- 0.33	10.40+- 0.31	3.06+- 0.12
087	860613	55.41+- 3.00	11.57+- 0.83	2.49+- 0.38	14.06+- 0.42	2.70+- 0.11
087	860619	67.79+- 3.01	13.81+- 0.95	3.87+- 0.45	17.68+- 0.53	1.86+- 0.07
087	860625	64.56+- 2.98	12.63+- 0.89	2.56+- 0.39	15.19+- 0.46	5.64+- 0.23

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	MASS	OC	EC	TC	NH4+
087	860701	58.39+- 2.99	14.17+- 0.96	5.35+- 0.52	19.52+- 0.59	1.69+- 0.07
087	860707	38.06+- 3.00	7.26+- 0.62	2.21+- 0.37	9.46+- 0.28	0.87+- 0.03
087	860713	43.39+- 2.98	9.90+- 0.75	2.02+- 0.36	11.91+- 0.36	2.04+- 0.08
087	860719	61.50+- 3.01	12.18+- 0.87	4.37+- 0.48	16.54+- 0.50	1.29+- 0.05
087	860725	36.30+- 2.97	7.48+- 0.63	2.46+- 0.38	9.94+- 0.30	1.49+- 0.06
087	860731	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99
087	860806	76.27+- 3.01	11.31+- 0.82	4.65+- 0.49	15.96+- 0.48	6.41+- 0.26
087	860812	57.73+- 2.99	11.86+- 0.85	5.43+- 0.53	17.29+- 0.52	4.37+- 0.17
087	860818	50.76+- 2.98	13.76+- 0.94	5.17+- 0.51	18.94+- 0.57	1.47+- 0.06
087	860824	61.41+- 3.00	11.78+- 0.85	3.05+- 0.41	14.82+- 0.44	5.31+- 0.21
087	860830	60.32+- 2.99	10.43+- 0.78	3.10+- 0.41	13.53+- 0.41	2.43+- 0.10
087	860905	66.95+- 3.01	14.07+- 0.96	5.42+- 0.53	19.49+- 0.58	4.04+- 0.16
087	860911	60.50+- 2.98	10.83+- 0.80	3.40+- 0.43	14.23+- 0.43	3.96+- 0.16
087	860917	51.42+- 2.98	12.30+- 0.87	5.03+- 0.51	17.33+- 0.52	0.99+- 0.04
087	860923	38.64+- 2.98	8.23+- 0.67	2.89+- 0.40	11.12+- 0.33	1.31+- 0.05
087	860929	57.89+- 3.00	15.32+- 1.02	6.01+- 0.56	21.33+- 0.64	1.87+- 0.07
087	861005	29.04+- 2.96	9.60+- 0.74	2.33+- 0.37	11.93+- 0.36	1.05+- 0.04
087	861011	32.92+- 2.96	5.99+- 0.56	1.18+- 0.31	7.17+- 0.22	3.11+- 0.12
087	861017	54.44+- 2.99	11.94+- 0.85	3.45+- 0.43	15.39+- 0.46	3.62+- 0.14
087	861023	75.78+- 3.03	15.38+- 1.03	5.01+- 0.51	20.39+- 0.61	5.61+- 0.22
087	861029	111.65+- 3.07	21.85+- 1.35	7.50+- 0.63	29.35+- 0.88	8.90+- 0.36
087	861104	101.94+- 3.06	25.77+- 1.54	7.70+- 0.64	33.47+- 1.00	4.39+- 0.18
087	861110	51.41+- 2.97	15.92+- 1.05	7.69+- 0.64	23.61+- 0.71	0.53+- 0.02
087	861116	49.00+- 3.00	15.01+- 1.01	4.18+- 0.47	19.19+- 0.58	3.47+- 0.14
087	861122	29.77+- 2.96	7.49+- 0.63	1.93+- 0.35	9.42+- 0.28	0.50+- 0.02
087	861128	50.57+- 2.99	14.87+- 1.00	5.18+- 0.52	20.06+- 0.60	3.24+- 0.13
087	861204	186.87+- 3.26	34.13+- 1.96	13.61+- 0.94	47.74+- 1.43	16.39+- 0.66
087	861210	79.39+- 3.02	25.10+- 1.51	10.92+- 0.80	36.02+- 1.08	4.22+- 0.17
087	861216	87.00+- 3.05	21.14+- 1.31	8.95+- 0.70	30.09+- 0.90	6.32+- 0.25
087	861222	60.01+- 3.00	18.22+- 1.17	8.18+- 0.67	26.39+- 0.79	3.08+- 0.12
087	861228	85.77+- 3.04	25.67+- 1.54	6.22+- 0.57	31.89+- 0.96	6.65+- 0.27

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	CL-	NO3-	SO4=	NA+
087	850805	0.10+- 0.01	3.73+- 0.23	6.57+- 0.32	1.60+- 0.13
087	850811	0.97+- 0.12	3.87+- 0.24	6.28+- 0.30	2.23+- 0.17
087	850817	0.42+- 0.05	1.13+- 0.07	13.64+- 0.65	1.00+- 0.09
087	850823	0.49+- 0.06	4.16+- 0.25	5.32+- 0.26	1.23+- 0.10
087	850829	0.93+- 0.11	8.49+- 0.51	6.03+- 0.29	3.06+- 0.23
087	850904	2.41+- 0.29	2.51+- 0.18	3.10+- 0.15	1.77+- 0.19
087	850910	1.86+- 0.22	2.36+- 0.15	2.23+- 0.11	1.59+- 0.13
087	850916	1.66+- 0.20	11.41+- 0.68	6.58+- 0.32	3.79+- 0.28
087	850922	0.74+- 0.09	5.77+- 0.35	5.14+- 0.25	1.73+- 0.14
087	850928	0.39+- 0.05	2.92+- 0.18	5.81+- 0.28	1.16+- 0.10
087	851004	0.21+- 0.02	4.68+- 0.28	5.05+- 0.24	0.77+- 0.07
087	851010	1.15+- 0.14	3.64+- 0.22	2.62+- 0.13	1.37+- 0.11
087	851016	1.04+- 0.12	5.72+- 0.35	3.47+- 0.17	0.98+- 0.09
087	851022	0.32+- 0.04	3.00+- 0.18	1.71+- 0.08	0.39+- 0.05
087	851028	0.55+- 0.07	11.38+- 0.68	13.85+- 0.66	1.53+- 0.12
087	851103	< 0.08+- 0.01	7.86+- 0.47	3.75+- 0.18	0.35+- 0.04
087	851109	3.99+- 0.47	4.89+- 0.30	3.22+- 0.15	3.66+- 0.27
087	851115	0.27+- 0.03	4.72+- 0.29	1.52+- 0.07	0.24+- 0.04
087	851121	0.91+- 0.11	20.84+- 1.24	2.75+- 0.13	0.55+- 0.06
087	851127	0.75+- 0.09	10.31+- 0.62	6.28+- 0.30	0.76+- 0.07
087	851203	0.48+- 0.06	4.53+- 0.27	1.84+- 0.09	0.71+- 0.07
087	851209	0.21+- 0.03	3.44+- 0.21	1.49+- 0.07	0.38+- 0.04
087	851215	0.24+- 0.03	3.62+- 0.22	1.25+- 0.06	0.24+- 0.04
087	851221	0.27+- 0.03	15.54+- 0.92	2.02+- 0.10	0.38+- 0.04
087	851227	0.74+- 0.09	28.03+- 1.66	9.87+- 0.47	0.44+- 0.05

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
087	860102	1.00+- 0.18	45.65+- 1.92	10.72+- 0.51	0.62+- 0.05	0.15+- 0.01
087	860108	0.33+- 0.06	2.98+- 0.13	1.48+- 0.07	0.39+- 0.03	0.13+- 0.01
087	860114	1.27+- 0.22	8.20+- 0.34	2.93+- 0.14	1.50+- 0.10	0.25+- 0.02
087	860120	0.61+- 0.11	19.89+- 0.84	11.59+- 0.56	0.91+- 0.07	0.14+- 0.01
087	860126	0.11+- 0.02	1.29+- 0.05	0.96+- 0.05	0.17+- 0.02	0.06+- 0.01
087	860201	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
087	860207	0.57+- 0.10	3.05+- 0.13	1.38+- 0.07	0.76+- 0.05	0.11+- 0.01
087	860213	0.70+- 0.12	8.75+- 0.37	1.98+- 0.09	0.18+- 0.02	0.03+- 0.00
087	860219	3.53+- 0.60	1.73+- 0.07	1.53+- 0.07	2.07+- 0.14	0.28+- 0.02
087	860225	0.26+- 0.05	13.73+- 0.58	3.44+- 0.17	0.45+- 0.03	0.16+- 0.01
087	860303	0.56+- 0.10	13.06+- 0.55	10.20+- 0.49	0.94+- 0.07	0.16+- 0.01
087	860309	2.00+- 0.34	4.83+- 0.20	1.97+- 0.09	1.92+- 0.13	0.26+- 0.02
087	860315	1.67+- 0.29	3.31+- 0.14	1.38+- 0.07	1.38+- 0.10	0.20+- 0.02
087	860321	< 0.06+- 0.02	1.54+- 0.06	1.38+- 0.07	0.19+- 0.02	0.08+- 0.01
087	860327	0.25+- 0.05	11.55+- 0.48	10.65+- 0.51	0.61+- 0.05	0.15+- 0.01
087	860402	1.86+- 0.32	2.98+- 0.13	2.05+- 0.10	1.86+- 0.13	0.26+- 0.02
087	860408	0.83+- 0.15	2.85+- 0.12	2.02+- 0.10	1.02+- 0.07	0.15+- 0.01
087	860414	0.56+- 0.10	8.96+- 0.38	3.56+- 0.17	1.36+- 0.10	0.23+- 0.02
087	860420	0.19+- 0.04	1.15+- 0.05	1.38+- 0.07	0.22+- 0.02	0.10+- 0.01
087	860426	1.31+- 0.23	8.44+- 0.35	5.28+- 0.25	2.52+- 0.17	0.34+- 0.03
087	860502	0.55+- 0.10	5.47+- 0.23	4.63+- 0.22	1.74+- 0.12	0.30+- 0.03
087	860508	0.81+- 0.14	7.75+- 0.33	2.84+- 0.14	2.07+- 0.14	0.30+- 0.03
087	860514	0.74+- 0.13	10.10+- 0.42	9.88+- 0.47	3.01+- 0.21	0.40+- 0.03
087	860520	0.28+- 0.05	8.91+- 0.37	11.75+- 0.56	2.74+- 0.19	0.38+- 0.03
087	860526	0.07+- 0.02	6.78+- 0.28	13.79+- 0.66	2.09+- 0.15	0.29+- 0.02
087	860601	< 0.06+- 0.02	3.33+- 0.14	13.85+- 0.66	1.16+- 0.08	0.18+- 0.02
087	860607	0.39+- 0.07	6.25+- 0.26	8.28+- 0.40	2.03+- 0.14	0.28+- 0.02
087	860613	0.70+- 0.13	7.20+- 0.30	7.04+- 0.34	2.71+- 0.19	0.36+- 0.03
087	860619	0.64+- 0.11	7.82+- 0.33	5.93+- 0.28	2.73+- 0.19	0.37+- 0.03
087	860625	0.29+- 0.06	6.90+- 0.29	13.66+- 0.66	1.10+- 0.08	0.18+- 0.02

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
087 860701		0.19+- 0.04	5.55+- 0.23	5.55+- 0.27	2.07+- 0.14	0.29+- 0.02
087 860707		0.70+- 0.13	4.11+- 0.17	2.84+- 0.14	1.63+- 0.11	0.22+- 0.02
087 860713		0.22+- 0.04	2.98+- 0.13	5.51+- 0.26	1.00+- 0.07	0.17+- 0.01
087 860719		1.11+- 0.19	5.80+- 0.24	3.91+- 0.19	2.34+- 0.16	0.32+- 0.03
087 860725		0.74+- 0.13	2.95+- 0.12	4.77+- 0.23	1.49+- 0.10	0.23+- 0.02
087 860731		-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
087 860806		0.07+- 0.02	3.86+- 0.16	17.19+- 0.82	1.22+- 0.09	0.20+- 0.02
087 860812		0.17+- 0.04	4.43+- 0.19	11.99+- 0.58	1.19+- 0.08	0.18+- 0.02
087 860818		0.09+- 0.02	2.99+- 0.13	4.62+- 0.22	0.88+- 0.06	0.17+- 0.01
087 860824		0.09+- 0.02	7.47+- 0.31	14.05+- 0.67	2.16+- 0.15	0.31+- 0.03
087 860830		0.52+- 0.09	9.02+- 0.38	6.20+- 0.30	3.05+- 0.21	0.41+- 0.04
087 860905		0.16+- 0.03	7.13+- 0.30	8.03+- 0.39	1.35+- 0.09	0.24+- 0.02
087 860911		0.32+- 0.06	8.97+- 0.38	10.31+- 0.49	2.35+- 0.16	0.34+- 0.03
087 860917		0.63+- 0.11	3.16+- 0.13	2.47+- 0.12	1.36+- 0.10	0.21+- 0.02
087 860923		0.87+- 0.15	4.28+- 0.18	3.26+- 0.16	1.65+- 0.12	0.24+- 0.02
087 860929		0.15+- 0.03	5.51+- 0.23	3.54+- 0.17	1.00+- 0.07	0.16+- 0.01
087 861005		0.06+- 0.02	2.02+- 0.08	1.71+- 0.08	0.20+- 0.02	0.07+- 0.01
087 861011		0.12+- 0.03	3.44+- 0.14	7.48+- 0.36	0.79+- 0.06	0.12+- 0.01
087 861017		0.30+- 0.06	6.97+- 0.29	6.95+- 0.33	0.97+- 0.07	0.17+- 0.01
087 861023		0.31+- 0.06	13.35+- 0.56	7.78+- 0.37	1.26+- 0.09	0.20+- 0.02
087 861029		0.30+- 0.06	22.62+- 0.95	9.72+- 0.47	1.22+- 0.09	0.24+- 0.02
087 861104		0.72+- 0.13	17.30+- 0.73	5.44+- 0.26	1.55+- 0.11	0.32+- 0.03
087 861110		0.12+- 0.03	1.64+- 0.07	1.46+- 0.07	0.26+- 0.02	0.14+- 0.01
087 861116		0.07+- 0.02	10.24+- 0.43	2.43+- 0.12	0.30+- 0.02	0.08+- 0.01
087 861122		0.06+- 0.02	1.18+- 0.05	1.20+- 0.06	0.26+- 0.02	0.07+- 0.01
087 861128		0.24+- 0.05	11.17+- 0.47	1.77+- 0.09	0.46+- 0.03	0.13+- 0.01
087 861204		0.49+- 0.09	52.83+- 2.22	4.85+- 0.23	0.62+- 0.05	0.26+- 0.02
087 861210		0.22+- 0.04	12.63+- 0.53	2.63+- 0.13	0.32+- 0.03	0.12+- 0.01
087 861216		0.45+- 0.08	18.60+- 0.78	5.02+- 0.24	0.82+- 0.06	0.19+- 0.02
087 861222		0.50+- 0.09	8.93+- 0.38	2.71+- 0.13	0.65+- 0.05	0.28+- 0.02
087 861228		0.18+- 0.04	21.24+- 0.89	2.60+- 0.12	0.47+- 0.04	0.13+- 0.01



PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	AL	SI	P	S	CL	K
087	850805	1.0716+0.1308	2.8349+0.3677	0.1702+0.0344	2.5385+0.1382	0.2599+0.0197	0.4453+0.0250
087	850811	0.6806+0.0836	1.4761+0.1918	0.1066+0.0218	2.3968+0.1291	1.0132+0.0561	0.3383+0.0195
087	850817	0.6514+0.0801	1.4840+0.1928	0.1679+0.0340	4.9355+0.2571	0.0000+0.0106	0.2655+0.0158
087	850823	1.9717+0.2393	5.4009+0.6999	0.2327+0.0470	2.2216+0.1239	0.4185+0.0275	0.7563+0.0406
087	850829	1.6174+0.1966	4.1977+0.5441	0.2085+0.0421	2.3076+0.1267	0.8614+0.0490	0.7045+0.0380
087	850904	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	850910	0.6082+0.0749	1.6599+0.2156	0.1033+0.0212	0.9631+0.0578	2.0773+0.1094	0.2769+0.0163
087	850916	1.1094+0.1354	3.1093+0.4032	0.1655+0.0336	2.5375+0.1367	1.7014+0.0908	0.5678+0.0311
087	850922	1.1804+0.1439	3.0063+0.3899	0.1579+0.0320	1.9403+0.1083	0.6564+0.0387	0.5346+0.0294
087	850928	0.5337+0.0664	1.3614+0.1771	0.1000+0.0208	2.1439+0.1181	0.3061+0.0226	0.2698+0.0164
087	851004	1.8740+0.2276	5.3716+0.6961	0.1906+0.0387	3.5516+0.1935	0.5578+0.0356	1.3198+0.0690
087	851010	1.5138+0.1841	4.2814+0.5550	0.1893+0.0383	1.2705+0.0766	1.3301+0.0723	0.6304+0.0343
087	851016	1.8114+0.2201	5.1602+0.6688	0.1928+0.0391	1.3882+0.0836	0.7101+0.0415	0.8195+0.0439
087	851022	0.4839+0.0600	1.0593+0.1379	0.0912+0.0188	0.7205+0.0473	0.2391+0.0176	0.1778+0.0114
087	851028	0.7164+0.0880	1.6755+0.2176	0.2137+0.0431	4.8308+0.2523	0.2662+0.0208	0.3333+0.0193
087	851103	1.2394+0.1511	3.3510+0.4345	0.1751+0.0355	1.5093+0.0885	0.1224+0.0134	0.5290+0.0291
087	851109	0.5740+0.0766	1.4602+0.2035	0.0855+0.0180	1.5075+0.1146	4.2775+0.3081	0.3442+0.0263
087	851115	0.7242+0.0962	2.0731+0.2886	0.0820+0.0172	0.7808+0.0681	0.2599+0.0232	0.3477+0.0266
087	851121	0.8628+0.1145	2.3571+0.3283	0.0912+0.0192	1.1585+0.0934	0.6731+0.0523	0.4168+0.0316
087	851127	0.3248+0.0444	0.8461+0.1183	0.0747+0.0158	2.3522+0.1753	0.3951+0.0329	0.1625+0.0136
087	851203	0.3526+0.0479	1.0156+0.1419	0.0637+0.0134	0.8633+0.0713	0.3111+0.0265	0.2067+0.0166
087	851209	0.6029+0.0803	1.7706+0.2466	0.0603+0.0128	0.6441+0.0551	0.2206+0.0200	0.2553+0.0201
087	851215	0.4961+0.0665	1.3883+0.1936	0.0575+0.0122	0.5985+0.0552	0.1472+0.0154	0.2650+0.0207
087	851221	1.0014+0.1326	2.8688+0.3994	0.1014+0.0213	0.9193+0.0824	0.2562+0.0239	0.4160+0.0316
087	851227	0.9239+0.1226	2.3338+0.3250	0.1573+0.0327	3.8716+0.2851	0.4876+0.0404	0.4008+0.0305

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	AL	SI	P	S	CL	K
087	860102	0.9727+0.1271	1.3038+0.1803	0.1194+0.0249	3.9816+0.2836	0.9259+0.0702	0.2863+0.0227
087	860108	1.4912+0.1939	3.9925+0.5502	0.1087+0.0227	0.6431+0.0711	0.2575+0.0256	0.5272+0.0389
087	860114	1.2226+0.1592	3.3143+0.4568	0.1046+0.0219	1.5041+0.1164	1.2152+0.0889	0.5322+0.0393
087	860120	0.6843+0.0899	1.6354+0.2258	0.1288+0.0267	4.4683+0.3153	0.4744+0.0401	0.3125+0.0242
087	860126	0.9974+0.1302	2.6546+0.3660	0.0727+0.0154	0.4872+0.0552	0.1664+0.0197	0.4064+0.0308
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.7034+0.0923	1.9964+0.2756	0.0623+0.0132	0.6735+0.0615	0.6744+0.0522	0.3083+0.0241
087	860213	0.2215+0.0306	0.5982+0.0831	0.0424+0.0091	0.9327+0.0772	0.5827+0.0459	0.1227+0.0114
087	860219	0.2910+0.0398	0.5206+0.0726	0.0595+0.0127	0.6020+0.0738	3.7943+0.2657	0.1685+0.0147
087	860225	1.1982+0.1560	3.4993+0.4822	0.1385+0.0287	1.6077+0.1307	0.3362+0.0310	0.4871+0.0362
087	860303	0.7224+0.0948	1.8641+0.2573	0.1230+0.0256	3.9850+0.2831	0.2074+0.0237	0.3186+0.0248
087	860309	0.1768+0.0250	0.4339+0.0606	0.0641+0.0136	0.9875+0.0808	1.4534+0.1053	0.1809+0.0153
087	860315	0.3748+0.0501	0.9200+0.1274	0.0549+0.0118	0.7880+0.0676	1.9407+0.1383	0.2085+0.0172
087	860321	0.8144+0.1064	2.2505+0.3100	0.0685+0.0145	0.6511+0.0614	0.1128+0.0156	0.3065+0.0238
087	860327	1.4031+0.1824	3.5443+0.4883	0.1682+0.0349	4.2557+0.3025	0.1475+0.0211	0.5026+0.0372
087	860402	1.8572+0.2437	5.2945+0.7369	0.1079+0.0226	1.1868+0.1001	2.1263+0.1565	0.7532+0.0564
087	860408	0.4307+0.0580	1.0402+0.1453	0.0616+0.0132	0.8525+0.0767	0.9556+0.0736	0.2005+0.0172
087	860414	0.9719+0.1282	2.7066+0.3769	0.1021+0.0214	1.6199+0.1292	0.6121+0.0496	0.4186+0.0326
087	860420	0.8248+0.1088	2.2745+0.3164	0.0572+0.0121	0.6337+0.0608	0.2344+0.0228	0.3232+0.0256
087	860426	1.0139+0.1335	3.0018+0.4171	0.1090+0.0229	2.2469+0.1716	1.1742+0.0886	0.4992+0.0380
087	860502	1.3311+0.1748	3.5698+0.4963	0.1173+0.0245	2.1837+0.1677	1.0586+0.0806	0.5586+0.0423
087	860508	1.0188+0.1344	3.0693+0.4273	0.0907+0.0191	1.2800+0.1048	0.9927+0.0763	0.4446+0.0345
087	860514	0.8581+0.1134	2.1702+0.3023	0.1307+0.0273	4.0959+0.3008	0.7833+0.0621	0.4345+0.0337
087	860520	1.1348+0.1496	2.7310+0.3804	0.1403+0.0293	4.9977+0.3653	0.3435+0.0331	0.4722+0.0365
087	860526	1.0178+0.1343	2.5412+0.3539	0.1477+0.0308	5.7508+0.4178	0.0743+0.0189	0.4854+0.0374
087	860601	0.7181+0.0952	1.7198+0.2398	0.1119+0.0234	4.8576+0.3547	0.0570+0.0160	0.2784+0.0227
087	860607	0.8700+0.1151	2.5572+0.3564	0.1002+0.0211	2.9513+0.2213	0.4533+0.0395	0.4101+0.0322
087	860613	0.8619+0.1139	2.2620+0.3151	0.1126+0.0236	3.1306+0.2332	0.8745+0.0682	0.4056+0.0317
087	860619	1.6060+0.2108	5.0621+0.7040	0.1382+0.0289	2.5107+0.1900	0.8652+0.0675	0.7519+0.0562
087	860625	1.1136+0.1465	2.9177+0.4057	0.1438+0.0300	4.9757+0.3616	0.3099+0.0308	0.4565+0.0351

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	AL	SI	P	S	CL	K
087	860701	1.1754+0.1547	3.1468+0.4378	0.1328+0.0277	2.4022+0.1825	0.3819+0.0341	0.5760+0.0436
087	860707	0.5346+0.0715	1.4155+0.1976	0.0597+0.0129	1.2739+0.1060	1.0897+0.0833	0.3266+0.0263
087	860713	0.6453+0.0857	1.6076+0.2241	0.0788+0.0166	2.2652+0.1728	0.4346+0.0376	0.2806+0.0228
087	860719	1.0320+0.1360	2.9257+0.4073	0.1094+0.0229	1.6781+0.1327	1.5162+0.1131	0.5059+0.0387
087	860725	0.6186+0.0821	1.6405+0.2285	0.0756+0.0160	1.8253+0.1401	1.0137+0.0773	0.2837+0.0229
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	1.2843+0.1701	3.3975+0.4759	0.0208+0.0104	6.8664+0.5082	0.0688+0.0203	0.5198+0.0407
087	860812	1.0477+0.1390	2.8277+0.3962	0.0312+0.0156	4.2584+0.3198	0.1470+0.0204	0.4327+0.0342
087	860818	1.3361+0.1770	3.8421+0.5380	0.0296+0.0149	1.8682+0.1491	0.1872+0.0220	0.5588+0.0435
087	860824	0.9000+0.1197	2.2373+0.3137	0.0272+0.0272	4.9050+0.3663	0.1161+0.0194	0.4205+0.0333
087	860830	0.9985+0.1326	2.9268+0.4100	0.0111+0.0055	2.6418+0.2028	0.7847+0.0630	0.5243+0.0409
087	860905	1.3529+0.1792	3.6564+0.5122	0.0426+0.0214	3.5028+0.2662	0.3161+0.0309	0.6301+0.0486
087	860911	0.9292+0.1227	2.4154+0.3369	0.0238+0.0238	3.7592+0.2779	0.4015+0.0355	0.4134+0.0322
087	860917	1.4528+0.1922	4.2968+0.6016	0.1901+0.0956	1.2396+0.1052	0.8977+0.0709	0.5845+0.0452
087	860923	0.7528+0.1004	2.1074+0.2955	0.0886+0.0446	1.4506+0.1167	1.0520+0.0819	0.3464+0.0280
087	860929	0.8656+0.1152	2.4642+0.3454	0.0296+0.0148	1.5460+0.1276	0.2003+0.0221	0.3859+0.0308
087	861005	0.5508+0.0740	1.4556+0.2043	0.0113+0.0114	0.7227+0.0689	0.1340+0.0176	0.2221+0.0190
087	861011	0.3414+0.0463	0.8219+0.1156	0.0000+0.0151	2.8217+0.2139	0.1686+0.0194	0.1538+0.0139
087	861017	1.0219+0.1357	2.7939+0.3914	0.0140+0.0070	2.6073+0.2005	0.4304+0.0378	0.4058+0.0323
087	861023	0.9403+0.1252	2.4637+0.3455	0.0244+0.0244	3.0506+0.2351	0.4485+0.0400	0.4474+0.0354
087	861029	1.3301+0.1762	3.8491+0.5390	0.0331+0.0331	3.7529+0.2858	0.4321+0.0389	0.5650+0.0439
087	861104	2.2554+0.2979	7.0970+0.9937	0.0339+0.0339	2.3145+0.1848	0.9728+0.0769	0.9279+0.0704
087	861110	1.8312+0.2419	5.1309+0.7180	0.0381+0.0192	0.8135+0.0809	0.1780+0.0208	0.7094+0.0543
087	861116	0.6776+0.0907	1.7883+0.2510	0.0182+0.0091	1.0751+0.0945	0.1402+0.0181	0.2929+0.0242
087	861122	1.3442+0.1779	3.7000+0.5179	0.0194+0.0098	0.5702+0.0566	0.1012+0.0145	0.5270+0.0410
087	861128	0.8301+0.1105	2.2755+0.3191	0.0190+0.0096	0.9008+0.0805	0.3590+0.0323	0.3740+0.0300
087	861204	2.6128+0.3449	7.2838+1.0198	0.0469+0.0235	2.3532+0.1944	0.9799+0.0784	1.0424+0.0788
087	861210	0.9138+0.1217	2.5603+0.3590	0.0259+0.0130	1.3651+0.1166	0.3246+0.0307	0.4257+0.0339
087	861216	1.1134+0.1481	2.9396+0.4125	0.0277+0.0139	2.0873+0.1664	0.5443+0.0467	0.5314+0.0418
087	861222	0.9112+0.1213	2.5008+0.3507	0.0245+0.0124	1.1334+0.0976	0.4474+0.0389	0.3810+0.0305
087	861228	0.8271+0.1105	2.2354+0.3137	0.0209+0.0105	1.1732+0.1017	0.2564+0.0266	0.4591+0.0364

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	CA	TI	V	CR	MN	FE
087	850805	0.9368+0.0488	0.1835+0.0104	0.0104+0.0023	0.0160+0.0017	0.0469+0.0030	1.4927+0.0770
087	850811	0.4042+0.0221	0.0668+0.0045	0.0070+0.0014	0.0043+0.0010	0.0149+0.0016	0.5710+0.0306
087	850817	0.4158+0.0226	0.0840+0.0053	0.0073+0.0016	0.0138+0.0016	0.0162+0.0016	0.6313+0.0338
087	850823	1.5948+0.0820	0.2848+0.0155	0.0195+0.0034	0.0275+0.0023	0.0784+0.0045	3.5576+0.1807
087	850829	1.4030+0.0723	0.2378+0.0131	0.0189+0.0031	0.0237+0.0021	0.0610+0.0038	2.0268+0.1039
087	850904	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	850910	0.5621+0.0301	0.1020+0.0063	0.0078+0.0017	0.0115+0.0013	0.0234+0.0018	0.8574+0.0451
087	850916	0.8980+0.0469	0.1458+0.0085	0.0141+0.0022	0.0169+0.0018	0.0378+0.0026	1.4785+0.0763
087	850922	0.8165+0.0429	0.1524+0.0088	0.0150+0.0022	0.0143+0.0017	0.0386+0.0028	1.4306+0.0739
087	850928	0.3952+0.0217	0.0687+0.0047	0.0099+0.0019	0.0079+0.0019	0.0254+0.0024	0.8348+0.0441
087	851004	3.7136+0.1887	0.4973+0.0262	0.0523+0.0059	0.0477+0.0035	0.1646+0.0088	3.0154+0.1536
087	851010	1.2588+0.0651	0.2347+0.0129	0.0192+0.0030	0.0279+0.0022	0.0711+0.0042	2.3520+0.1202
087	851016	1.4469+0.0747	0.2882+0.0156	0.0245+0.0036	0.0297+0.0024	0.0582+0.0036	2.6859+0.1370
087	851022	0.3669+0.0202	0.0698+0.0047	0.0110+0.0016	0.0100+0.0013	0.0277+0.0020	0.7491+0.0398
087	851028	0.5454+0.0292	0.1115+0.0068	0.0091+0.0019	0.0178+0.0017	0.0305+0.0021	0.8613+0.0454
087	851103	1.0589+0.0551	0.1588+0.0091	0.0215+0.0025	0.0142+0.0016	0.0600+0.0036	1.8252+0.0936
087	851109	0.5207+0.0384	0.0621+0.0052	0.0089+0.0016	0.0214+0.0022	0.0183+0.0021	0.6995+0.0511
087	851115	0.7128+0.0520	0.1402+0.0108	0.0108+0.0022	0.0100+0.0014	0.0500+0.0041	1.2819+0.0925
087	851121	0.8680+0.0632	0.1381+0.0107	0.0178+0.0027	0.0118+0.0017	0.0505+0.0042	1.3059+0.0945
087	851127	0.2874+0.0218	0.0636+0.0054	0.0101+0.0018	0.0133+0.0018	0.0243+0.0026	0.5227+0.0387
087	851203	0.2971+0.0225	0.0869+0.0070	0.0092+0.0018	0.0074+0.0013	0.0365+0.0032	0.7581+0.0554
087	851209	0.6007+0.0440	0.0980+0.0078	0.0079+0.0018	0.0102+0.0014	0.0355+0.0031	1.1745+0.0848
087	851215	0.4925+0.0364	0.0714+0.0059	0.0122+0.0018	0.0063+0.0012	0.0432+0.0036	1.0159+0.0738
087	851221	0.9586+0.0696	0.1579+0.0121	0.0187+0.0028	0.0136+0.0018	0.0726+0.0058	1.6953+0.1221
087	851227	0.7460+0.0545	0.1344+0.0104	0.0211+0.0029	0.0151+0.0020	0.0686+0.0055	1.2514+0.0906

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	CA	TI	V	CR	MN	FE
087	860102	0.4994+0.0361	0.1009+0.0082	0.0121+0.0025	0.0078+0.0017	0.0363+0.0035	0.7219+0.0509
087	860108	1.2123+0.0847	0.2458+0.0180	0.0236+0.0040	0.0140+0.0020	0.0835+0.0065	2.1478+0.1482
087	860114	1.4189+0.0987	0.1898+0.0142	0.0221+0.0035	0.0174+0.0022	0.0514+0.0043	1.5270+0.1058
087	860120	0.4959+0.0358	0.0999+0.0081	0.0151+0.0025	0.0127+0.0018	0.0322+0.0030	0.9146+0.0639
087	860126	0.8336+0.0588	0.1327+0.0103	0.0114+0.0027	0.0092+0.0017	0.0534+0.0045	1.4971+0.1038
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.7399+0.0525	0.1029+0.0083	0.0053+0.0021	0.0091+0.0015	0.0351+0.0032	0.9250+0.0648
087	860213	0.2346+0.0180	0.0443+0.0043	0.0013+0.0013	0.0076+0.0015	0.0232+0.0024	0.3208+0.0235
087	860219	0.2622+0.0200	0.0462+0.0044	0.0047+0.0017	0.0069+0.0016	0.0261+0.0028	0.4584+0.0330
087	860225	1.1452+0.0800	0.2483+0.0182	0.0289+0.0043	0.0251+0.0027	0.0865+0.0066	2.1123+0.1457
087	860303	0.6417+0.0458	0.1350+0.0105	0.0202+0.0030	0.0146+0.0020	0.0443+0.0038	1.0123+0.0707
087	860309	0.2268+0.0175	0.0284+0.0031	0.0044+0.0014	0.0056+0.0012	0.0273+0.0026	0.4278+0.0308
087	860315	0.2978+0.0223	0.0517+0.0048	0.0075+0.0018	0.0052+0.0013	0.0214+0.0024	0.5094+0.0363
087	860321	0.8263+0.0579	0.1288+0.0100	0.0158+0.0027	0.0095+0.0016	0.0437+0.0038	1.1258+0.0780
087	860327	1.0795+0.0755	0.2232+0.0164	0.0273+0.0040	0.0208+0.0024	0.0840+0.0064	1.8300+0.1262
087	860402	1.4991+0.1084	0.2464+0.0188	0.0154+0.0037	0.0202+0.0023	0.0558+0.0047	2.3812+0.1708
087	860408	0.4246+0.0320	0.0674+0.0061	0.0067+0.0020	0.0124+0.0018	0.0347+0.0034	0.8241+0.0600
087	860414	0.7440+0.0547	0.1261+0.0101	0.0166+0.0028	0.0145+0.0019	0.0372+0.0034	1.3432+0.0968
087	860420	0.6285+0.0462	0.0853+0.0072	0.0107+0.0021	0.0057+0.0012	0.0242+0.0025	0.8554+0.0618
087	860426	0.8423+0.0612	0.1248+0.0100	0.0166+0.0028	0.0096+0.0016	0.0364+0.0034	1.1678+0.0837
087	860502	1.1216+0.0811	0.1697+0.0132	0.0210+0.0033	0.0174+0.0021	0.0485+0.0042	1.5987+0.1144
087	860508	0.8661+0.0633	0.1543+0.0122	0.0126+0.0029	0.0162+0.0021	0.0404+0.0038	1.2242+0.0883
087	860514	0.7119+0.0524	0.1094+0.0090	0.0133+0.0025	0.0138+0.0019	0.0383+0.0036	1.0211+0.0739
087	860520	0.9266+0.0677	0.1600+0.0127	0.0224+0.0034	0.0151+0.0021	0.0456+0.0041	1.2285+0.0887
087	860526	0.6716+0.0495	0.1065+0.0089	0.0166+0.0028	0.0121+0.0019	0.0262+0.0028	0.9156+0.0664
087	860601	0.4905+0.0368	0.0939+0.0079	0.0077+0.0021	0.0099+0.0016	0.0164+0.0021	0.6337+0.0464
087	860607	0.6497+0.0482	0.0960+0.0081	0.0099+0.0025	0.0110+0.0019	0.0245+0.0028	0.9520+0.0692
087	860613	0.7670+0.0562	0.1676+0.0131	0.0125+0.0029	0.0157+0.0020	0.0321+0.0031	1.2317+0.0889
087	860619	1.2133+0.0879	0.2270+0.0173	0.0202+0.0038	0.0200+0.0024	0.0572+0.0049	2.0327+0.1456
087	860625	0.8992+0.0653	0.1710+0.0133	0.0169+0.0032	0.0218+0.0025	0.0389+0.0036	1.5057+0.1078

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	CA	TI	V	CR	MN	FE
087	860701	1.0988+0.0796	0.1969+0.0152	0.0164+0.0033	0.0245+0.0026	0.0426+0.0039	1.6240+0.1164
087	860707	0.6455+0.0477	0.0823+0.0072	0.0094+0.0023	0.0105+0.0019	0.0234+0.0027	0.7965+0.0580
087	860713	0.4584+0.0343	0.0778+0.0068	0.0117+0.0023	0.0083+0.0016	0.0207+0.0025	0.7875+0.0572
087	860719	0.9325+0.0681	0.1446+0.0115	0.0155+0.0029	0.0239+0.0025	0.0507+0.0043	1.4661+0.1055
087	860725	0.5562+0.0412	0.0998+0.0082	0.0115+0.0023	0.0085+0.0015	0.0240+0.0026	0.8741+0.0632
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	1.2225+0.0906	0.1681+0.0135	0.0203+0.0034	0.0207+0.0025	0.0472+0.0043	1.4389+0.1060
087	860812	0.9739+0.0725	0.1660+0.0132	0.0222+0.0033	0.0177+0.0021	0.0441+0.0040	1.4398+0.1060
087	860818	1.3139+0.0973	0.2004+0.0158	0.0170+0.0035	0.0182+0.0024	0.0487+0.0044	1.9237+0.1412
087	860824	0.6320+0.0478	0.1177+0.0098	0.0165+0.0028	0.0079+0.0016	0.0229+0.0026	0.9033+0.0671
087	860830	0.8872+0.0662	0.1435+0.0116	0.0179+0.0030	0.0142+0.0019	0.0328+0.0032	1.2568+0.0927
087	860905	1.0467+0.0779	0.1883+0.0149	0.0231+0.0037	0.0166+0.0022	0.0498+0.0044	1.8064+0.1328
087	860911	0.7181+0.0530	0.1332+0.0107	0.0185+0.0029	0.0103+0.0016	0.0389+0.0035	1.1760+0.0853
087	860917	1.1829+0.0877	0.1997+0.0157	0.0140+0.0033	0.0214+0.0024	0.0523+0.0045	2.0183+0.1481
087	860923	0.6402+0.0484	0.0990+0.0084	0.0110+0.0022	0.0115+0.0017	0.0347+0.0033	1.3731+0.1014
087	860929	0.7532+0.0566	0.1311+0.0108	0.0153+0.0028	0.0196+0.0023	0.0530+0.0046	1.4547+0.1073
087	861005	0.4121+0.0318	0.0724+0.0066	0.0076+0.0021	0.0074+0.0016	0.0209+0.0025	0.7741+0.0576
087	861011	0.2610+0.0208	0.0462+0.0045	0.0095+0.0019	0.0061+0.0012	0.0108+0.0016	0.3491+0.0267
087	861017	0.7265+0.0546	0.1288+0.0106	0.0150+0.0027	0.0123+0.0018	0.0365+0.0035	1.1870+0.0876
087	861023	0.7490+0.0564	0.1347+0.0110	0.0172+0.0030	0.0145+0.0021	0.0444+0.0041	1.5044+0.1111
087	861029	1.2152+0.0900	0.1911+0.0151	0.0239+0.0037	0.0182+0.0022	0.0576+0.0050	1.7644+0.1296
087	861104	2.8139+0.2064	0.3618+0.0276	0.0352+0.0055	0.0336+0.0034	0.0739+0.0061	2.5931+0.1902
087	861110	1.8016+0.1324	0.2314+0.0180	0.0214+0.0039	0.0187+0.0022	0.0812+0.0066	2.4794+0.1814
087	861116	0.5530+0.0421	0.0875+0.0076	0.0172+0.0026	0.0108+0.0018	0.0309+0.0031	1.0883+0.0807
087	861122	0.7141+0.0536	0.2070+0.0162	0.0104+0.0031	0.0289+0.0029	0.0466+0.0041	1.5856+0.1165
087	861128	0.8423+0.0633	0.1184+0.0098	0.0158+0.0026	0.0093+0.0015	0.0405+0.0037	1.2142+0.0897
087	861204	2.9533+0.2173	0.4329+0.0327	0.0358+0.0060	0.0373+0.0038	0.1254+0.0099	3.7843+0.2767
087	861210	0.9740+0.0730	0.1794+0.0143	0.0189+0.0033	0.0165+0.0021	0.0592+0.0050	1.9040+0.1400
087	861216	1.1651+0.0872	0.1874+0.0150	0.0155+0.0034	0.0207+0.0025	0.0538+0.0048	1.7626+0.1302
087	861222	1.0042+0.0752	0.1835+0.0146	0.0160+0.0031	0.0148+0.0020	0.0521+0.0045	1.8022+0.1326
087	861228	0.6833+0.0519	0.1080+0.0092	0.0138+0.0026	0.0136+0.0020	0.0487+0.0044	1.3898+0.1027

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	NI	CU	ZN	GA	AS	SE
087	850805	0.0135+0.0017	0.1947+0.0108	0.4605+0.0241	0.0030+0.0018	0.0027+0.0164	0.0016+0.0009
087	850811	0.0057+0.0013	0.1203+0.0070	0.0955+0.0057	0.0013+0.0009	0.0027+0.0051	0.0019+0.0009
087	850817	0.0090+0.0014	0.0638+0.0043	0.0722+0.0045	0.0005+0.0010	0.0014+0.0069	0.0055+0.0012
087	850823	0.0207+0.0022	0.1977+0.0109	0.3375+0.0180	0.0045+0.0021	0.0000+0.0226	0.0030+0.0013
087	850829	0.0165+0.0019	0.0712+0.0045	0.2697+0.0146	0.0027+0.0018	0.0043+0.0172	0.0041+0.0012
087	850904	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	850910	0.0072+0.0013	0.0434+0.0033	0.0957+0.0058	0.0000+0.0009	0.0000+0.0076	0.0073+0.0012
087	850916	0.0102+0.0017	0.1047+0.0063	0.1456+0.0083	0.0023+0.0012	0.0052+0.0077	0.0026+0.0010
087	850922	0.0157+0.0020	0.3583+0.0189	0.3034+0.0163	0.0025+0.0017	0.0059+0.0143	0.0038+0.0013
087	850928	0.0077+0.0020	0.0823+0.0055	0.1009+0.0061	0.0008+0.0016	0.0000+0.0099	0.0028+0.0017
087	851004	0.0142+0.0020	0.0670+0.0045	0.1919+0.0106	0.0036+0.0019	0.0000+0.0173	0.0035+0.0013
087	851010	0.0114+0.0017	0.0855+0.0053	0.1902+0.0106	0.0013+0.0018	0.0058+0.0186	0.0033+0.0011
087	851016	0.0118+0.0019	0.2131+0.0118	0.2902+0.0156	0.0033+0.0020	0.0000+0.0203	0.0037+0.0013
087	851022	0.0069+0.0013	0.1207+0.0072	0.1721+0.0097	0.0017+0.0013	0.0000+0.0110	0.0012+0.0008
087	851028	0.0128+0.0017	0.0911+0.0056	0.1362+0.0079	0.0012+0.0013	0.0012+0.0101	0.0043+0.0011
087	851103	0.0081+0.0015	0.1091+0.0065	0.1234+0.0072	0.0013+0.0019	0.0000+0.0203	0.0045+0.0011
087	851109	0.0054+0.0014	0.0470+0.0042	0.0660+0.0055	0.0004+0.0010	0.0000+0.0060	0.0016+0.0010
087	851115	0.0047+0.0012	0.0493+0.0043	0.2107+0.0157	0.0018+0.0016	0.0059+0.0159	0.0008+0.0010
087	851121	0.0082+0.0016	0.0791+0.0065	0.1725+0.0130	0.0010+0.0016	0.0000+0.0141	0.0037+0.0012
087	851127	0.0086+0.0016	0.0930+0.0075	0.2940+0.0216	0.0006+0.0013	0.0053+0.0086	0.0002+0.0011
087	851203	0.0085+0.0015	0.0602+0.0051	0.1285+0.0099	0.0022+0.0013	0.0008+0.0109	0.0016+0.0010
087	851209	0.0064+0.0012	0.0532+0.0046	0.1723+0.0130	0.0000+0.0011	0.0066+0.0084	0.0012+0.0008
087	851215	0.0109+0.0017	0.0658+0.0055	0.1306+0.0101	0.0016+0.0015	0.0082+0.0135	0.0012+0.0010
087	851221	0.0101+0.0018	0.1026+0.0081	0.1753+0.0132	0.0000+0.0021	0.0000+0.0240	0.0000+0.0012
087	851227	0.0136+0.0021	0.1174+0.0092	0.1810+0.0137	0.0016+0.0019	0.0000+0.0215	0.0018+0.0012

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	NI	CU	ZN	GA	AS	SE
087	860102	0.0115+0.0020	0.0499+0.0051	0.0840+0.0070	0.0000+0.0014	0.0042+0.0128	0.0012+0.0012
087	860108	0.0081+0.0016	0.0688+0.0060	0.2512+0.0180	0.0004+0.0019	0.0000+0.0214	0.0000+0.0010
087	860114	0.0112+0.0018	0.0217+0.0034	0.1103+0.0085	0.0002+0.0014	0.0000+0.0124	0.0016+0.0011
087	860120	0.0084+0.0016	0.0574+0.0052	0.1164+0.0089	0.0006+0.0013	0.0000+0.0120	0.0014+0.0010
087	860126	0.0040+0.0015	0.0596+0.0056	0.1207+0.0093	0.0008+0.0016	0.0000+0.0131	0.0012+0.0012
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.0074+0.0015	0.0996+0.0079	0.1782+0.0131	0.0000+0.0012	0.0000+0.0093	0.0014+0.0010
087	860213	0.0061+0.0015	0.0325+0.0037	0.0938+0.0074	0.0002+0.0011	0.0000+0.0075	0.0025+0.0010
087	860219	0.0073+0.0017	0.9291+0.0645	0.8710+0.0606	0.0000+0.0024	0.0000+0.0245	0.0000+0.0012
087	860225	0.0217+0.0024	0.3774+0.0266	0.4524+0.0317	0.0026+0.0023	0.0000+0.0261	0.0019+0.0010
087	860303	0.0095+0.0017	0.0718+0.0063	0.2009+0.0147	0.0000+0.0014	0.0035+0.0117	0.0016+0.0011
087	860309	0.0034+0.0012	0.1954+0.0142	0.1564+0.0117	0.0005+0.0011	0.0000+0.0078	0.0016+0.0009
087	860315	0.0059+0.0015	0.0290+0.0036	0.0568+0.0051	0.0004+0.0011	0.0046+0.0074	0.0012+0.0010
087	860321	0.0065+0.0015	0.0458+0.0044	0.1462+0.0109	0.0000+0.0013	0.0000+0.0119	0.0014+0.0010
087	860327	0.0187+0.0022	0.2058+0.0149	0.3547+0.0250	0.0001+0.0019	0.0000+0.0204	0.0022+0.0011
087	860402	0.0099+0.0015	0.2547+0.0188	0.5708+0.0413	0.0006+0.0018	0.0000+0.0166	0.0002+0.0008
087	860408	0.0068+0.0015	0.3033+0.0223	0.4227+0.0307	0.0012+0.0017	0.0000+0.0131	0.0012+0.0011
087	860414	0.0150+0.0020	1.5872+0.1134	1.2075+0.0867	0.0044+0.0025	0.0000+0.0168	0.0010+0.0010
087	860420	0.0065+0.0012	0.2835+0.0207	0.2173+0.0162	0.0000+0.0012	0.0020+0.0109	0.0000+0.0007
087	860426	0.0108+0.0017	0.7464+0.0533	0.5525+0.0398	0.0018+0.0018	0.0027+0.0161	0.0011+0.0010
087	860502	0.0155+0.0019	0.7369+0.0528	0.5945+0.0429	0.0000+0.0018	0.0054+0.0173	0.0012+0.0010
087	860508	0.0113+0.0018	0.2735+0.0202	0.2850+0.0210	0.0000+0.0013	0.0098+0.0103	0.0026+0.0012
087	860514	0.0406+0.0037	1.3855+0.0991	1.0383+0.0747	0.0000+0.0020	0.0000+0.0112	0.0008+0.0010
087	860520	0.0151+0.0021	0.8859+0.0637	0.7064+0.0512	0.0033+0.0019	0.0052+0.0130	0.0041+0.0013
087	860526	0.0180+0.0022	1.1625+0.0833	0.8342+0.0602	0.0010+0.0019	0.0000+0.0098	0.0041+0.0013
087	860601	0.0104+0.0017	0.8125+0.0585	0.5620+0.0409	0.0020+0.0016	0.0004+0.0073	0.0014+0.0010
087	860607	0.0115+0.0019	0.7025+0.0507	0.5226+0.0381	0.0000+0.0017	0.0031+0.0106	0.0016+0.0012
087	860613	0.0173+0.0021	0.8901+0.0639	0.6507+0.0471	0.0008+0.0017	0.0062+0.0125	0.0016+0.0010
087	860619	0.0177+0.0022	0.6560+0.0472	0.5185+0.0376	0.0018+0.0018	0.0036+0.0139	0.0024+0.0012
087	860625	0.0197+0.0024	1.7882+0.1271	1.3502+0.0965	0.0021+0.0025	0.0064+0.0132	0.0038+0.0012



PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	NI	CU	ZN	GA	AS	SE
087	860701	0.0253+0.0027	1.0803+0.0772	0.8591+0.0618	0.0013+0.0022	0.0041+0.0162	0.0037+0.0012
087	860707	0.0161+0.0022	1.7906+0.1280	1.2396+0.0892	0.0000+0.0024	0.0000+0.0123	0.0000+0.0011
087	860713	0.0150+0.0021	1.6446+0.1173	1.1668+0.0838	0.0000+0.0023	0.0000+0.0129	0.0014+0.0011
087	860719	0.0181+0.0021	1.3490+0.0965	0.9971+0.0718	0.0031+0.0023	0.0000+0.0171	0.0036+0.0010
087	860725	0.0093+0.0015	0.4881+0.0352	0.4237+0.0308	0.0001+0.0013	0.0097+0.0071	0.0027+0.0010
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	0.0228+0.0026	1.1373+0.0833	0.8713+0.0642	0.0027+0.0020	0.0072+0.0119	0.0032+0.0012
087	860812	0.0204+0.0023	0.6004+0.0443	0.6936+0.0512	0.0017+0.0019	0.0000+0.0147	0.0030+0.0010
087	860818	0.0162+0.0022	0.3223+0.0241	0.3162+0.0238	0.0007+0.0017	0.0036+0.0135	0.0025+0.0013
087	860824	0.0128+0.0018	0.4197+0.0312	0.3251+0.0245	0.0024+0.0014	0.0072+0.0096	0.0022+0.0011
087	860830	0.0183+0.0022	0.4292+0.0319	0.3415+0.0256	0.0014+0.0014	0.0088+0.0116	0.0033+0.0011
087	860905	0.0162+0.0021	0.7129+0.0526	0.7414+0.0547	0.0020+0.0020	0.0044+0.0178	0.0035+0.0012
087	860911	0.0099+0.0016	0.1668+0.0126	0.3565+0.0261	0.0006+0.0014	0.0013+0.0105	0.0008+0.0008
087	860917	0.0141+0.0019	0.6878+0.0507	0.5775+0.0428	0.0042+0.0019	0.0024+0.0150	0.0029+0.0011
087	860923	0.0096+0.0015	0.6218+0.0460	0.4947+0.0368	0.0012+0.0014	0.0126+0.0088	0.0001+0.0008
087	860929	0.0144+0.0018	0.6165+0.0455	0.5229+0.0389	0.0036+0.0019	0.0040+0.0193	0.0016+0.0010
087	861005	0.0098+0.0017	0.7253+0.0534	0.5099+0.0379	0.0008+0.0017	0.0060+0.0113	0.0006+0.0011
087	861011	0.0073+0.0014	0.2782+0.0208	0.2285+0.0173	0.0004+0.0010	0.0000+0.0052	0.0015+0.0008
087	861017	0.0136+0.0019	0.9463+0.0695	0.7852+0.0579	0.0006+0.0018	0.0068+0.0119	0.0013+0.0010
087	861023	0.0617+0.0053	2.0477+0.1500	1.5491+0.1140	0.0046+0.0029	0.0053+0.0187	0.0024+0.0012
087	861029	0.0178+0.0022	0.3989+0.0297	0.4238+0.0316	0.0013+0.0019	0.0000+0.0191	0.0036+0.0012
087	861104	0.0214+0.0024	0.7384+0.0545	0.7725+0.0570	0.0016+0.0023	0.0129+0.0220	0.0035+0.0012
087	861110	0.0116+0.0018	0.3928+0.0292	0.3582+0.0268	0.0021+0.0018	0.0083+0.0182	0.0000+0.0010
087	861116	0.0129+0.0018	0.6681+0.0494	0.5375+0.0400	0.0000+0.0017	0.0000+0.0150	0.0011+0.0010
087	861122	0.0199+0.0023	0.6778+0.0499	0.5411+0.0401	0.0015+0.0016	0.0000+0.0096	0.0000+0.0008
087	861128	0.0057+0.0012	0.2109+0.0161	0.1882+0.0145	0.0000+0.0013	0.0019+0.0126	0.0004+0.0008
087	861204	0.0283+0.0031	0.8882+0.0653	0.9086+0.0668	0.0042+0.0031	0.0130+0.0355	0.0041+0.0016
087	861210	0.0138+0.0019	0.8090+0.0596	0.6548+0.0485	0.0011+0.0022	0.0006+0.0204	0.0014+0.0011
087	861216	0.0152+0.0022	0.6184+0.0459	0.5517+0.0411	0.0013+0.0020	0.0012+0.0171	0.0005+0.0012
087	861222	0.0115+0.0017	0.4189+0.0312	0.3709+0.0278	0.0028+0.0017	0.0011+0.0153	0.0016+0.0010
087	861228	0.0091+0.0017	0.4679+0.0348	0.3965+0.0297	0.0000+0.0018	0.0022+0.0167	0.0023+0.0013

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	BR	RB	SR	Y	ZR	MO
087	850805	0.0521+0.0033	0.0025+0.0017	0.0172+0.0020	0.0007+0.0022	0.0000+0.0089	0.0068+0.0063
087	850811	0.0155+0.0017	0.0010+0.0014	0.0096+0.0019	0.0034+0.0019	0.0025+0.0092	0.0053+0.0068
087	850817	0.0182+0.0018	0.0000+0.0014	0.0070+0.0019	0.0000+0.0019	0.0132+0.0094	0.0092+0.0069
087	850823	0.0716+0.0044	0.0014+0.0021	0.0231+0.0027	0.0017+0.0030	0.0000+0.0120	0.0000+0.0081
087	850829	0.0534+0.0035	0.0032+0.0019	0.0215+0.0025	0.0000+0.0026	0.0118+0.0109	0.0032+0.0078
087	850904	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	850910	0.0191+0.0018	0.0003+0.0013	0.0086+0.0017	0.0000+0.0018	0.0082+0.0082	0.0068+0.0059
087	850916	0.0310+0.0025	0.0025+0.0017	0.0132+0.0022	0.0018+0.0022	0.0000+0.0102	0.0000+0.0076
087	850922	0.0467+0.0033	0.0025+0.0020	0.0186+0.0025	0.0025+0.0028	0.0000+0.0114	0.0000+0.0087
087	850928	0.0276+0.0028	0.0004+0.0025	0.0154+0.0033	0.0000+0.0036	0.0000+0.0165	0.0060+0.0123
087	851004	0.0508+0.0035	0.0045+0.0020	0.0301+0.0031	0.0059+0.0029	0.0000+0.0121	0.0000+0.0173
087	851010	0.0707+0.0044	0.0000+0.0018	0.0207+0.0022	0.0000+0.0024	0.0071+0.0098	0.0103+0.0069
087	851016	0.0439+0.0032	0.0019+0.0020	0.0260+0.0029	0.0021+0.0031	0.0061+0.0125	0.0133+0.0086
087	851022	0.0374+0.0027	0.0008+0.0015	0.0078+0.0019	0.0001+0.0020	0.0064+0.0086	0.0000+0.0064
087	851028	0.0378+0.0027	0.0019+0.0016	0.0130+0.0020	0.0033+0.0021	0.0077+0.0092	0.0000+0.0067
087	851103	0.0752+0.0045	0.0011+0.0019	0.0132+0.0020	0.0000+0.0023	0.0160+0.0085	0.0050+0.0058
087	851109	0.0212+0.0022	0.0018+0.0017	0.0087+0.0021	0.0000+0.0023	0.0000+0.0105	0.0066+0.0063
087	851115	0.0563+0.0045	0.0000+0.0018	0.0084+0.0020	0.0030+0.0025	0.0130+0.0104	0.0000+0.0058
087	851121	0.0652+0.0053	0.0039+0.0022	0.0271+0.0032	0.0000+0.0029	0.0000+0.0128	0.0093+0.0076
087	851127	0.0222+0.0024	0.0000+0.0019	0.0051+0.0024	0.0000+0.0029	0.0000+0.0128	0.0112+0.0077
087	851203	0.0426+0.0036	0.0002+0.0017	0.0063+0.0020	0.0000+0.0023	0.0000+0.0100	0.0000+0.0058
087	851209	0.0256+0.0024	0.0026+0.0016	0.0072+0.0018	0.0000+0.0022	0.0089+0.0095	0.0096+0.0057
087	851215	0.0558+0.0045	0.0006+0.0017	0.0062+0.0018	0.0027+0.0024	0.0000+0.0100	0.0000+0.0056
087	851221	0.0871+0.0067	0.0034+0.0024	0.0141+0.0026	0.0000+0.0033	0.0000+0.0128	0.0000+0.0078
087	851227	0.1130+0.0086	0.0023+0.0027	0.0115+0.0026	0.0046+0.0034	0.0000+0.0133	0.0139+0.0081

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	BR	RB	SR	Y	ZR	MO
087	860102	0.0510+0.0042	0.0030+0.0023	0.0083+0.0026	0.0000+0.0031	0.0000+0.0134	0.0000+0.0086
087	860108	0.0811+0.0061	0.0047+0.0022	0.0253+0.0029	0.0073+0.0030	0.0000+0.0112	0.0000+0.0071
087	860114	0.0418+0.0035	0.0044+0.0019	0.0137+0.0025	0.0000+0.0028	0.0000+0.0114	0.0050+0.0071
087	860120	0.0533+0.0042	0.0013+0.0018	0.0067+0.0021	0.0001+0.0025	0.0000+0.0103	0.0000+0.0066
087	860126	0.0436+0.0037	0.0019+0.0022	0.0165+0.0027	0.0006+0.0030	0.0000+0.0128	0.0000+0.0082
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.0305+0.0027	0.0025+0.0017	0.0199+0.0025	0.0013+0.0024	0.0000+0.0100	0.0068+0.0063
087	860213	0.0287+0.0026	0.0000+0.0017	0.0055+0.0019	0.0019+0.0024	0.0000+0.0101	0.0124+0.0065
087	860219	0.0320+0.0031	0.0010+0.0021	0.0050+0.0024	0.0004+0.0033	0.0000+0.0127	0.0000+0.0079
087	860225	0.0586+0.0045	0.0028+0.0018	0.0178+0.0023	0.0020+0.0028	0.0000+0.0097	0.0113+0.0060
087	860303	0.0340+0.0031	0.0022+0.0019	0.0147+0.0025	0.0004+0.0028	0.0000+0.0118	0.0000+0.0076
087	860309	0.0254+0.0024	0.0021+0.0016	0.0076+0.0019	0.0010+0.0022	0.0000+0.0093	0.0029+0.0057
087	860315	0.0283+0.0026	0.0000+0.0017	0.0047+0.0021	0.0006+0.0025	0.0007+0.0109	0.0000+0.0065
087	860321	0.0370+0.0031	0.0019+0.0018	0.0087+0.0021	0.0039+0.0025	0.0000+0.0103	0.0100+0.0065
087	860327	0.0613+0.0048	0.0038+0.0019	0.0149+0.0023	0.0037+0.0026	0.0000+0.0102	0.0054+0.0062
087	860402	0.0242+0.0023	0.0033+0.0016	0.0223+0.0025	0.0000+0.0023	0.0000+0.0093	0.0079+0.0057
087	860408	0.0466+0.0039	0.0000+0.0019	0.0060+0.0022	0.0000+0.0028	0.0044+0.0113	0.0080+0.0072
087	860414	0.0455+0.0038	0.0011+0.0017	0.0102+0.0021	0.0000+0.0025	0.0000+0.0100	0.0040+0.0061
087	860420	0.0342+0.0029	0.0000+0.0014	0.0062+0.0017	0.0000+0.0020	0.0166+0.0085	0.0000+0.0051
087	860426	0.0614+0.0048	0.0000+0.0018	0.0089+0.0021	0.0000+0.0025	0.0137+0.0103	0.0067+0.0064
087	860502	0.0570+0.0046	0.0018+0.0018	0.0161+0.0022	0.0000+0.0024	0.0177+0.0094	0.0038+0.0058
087	860508	0.0358+0.0032	0.0006+0.0020	0.0088+0.0024	0.0000+0.0029	0.0090+0.0121	0.0000+0.0076
087	860514	0.0327+0.0029	0.0000+0.0017	0.0107+0.0021	0.0000+0.0024	0.0000+0.0102	0.0058+0.0065
087	860520	0.0389+0.0034	0.0000+0.0020	0.0118+0.0025	0.0000+0.0029	0.0000+0.0122	0.0096+0.0078
087	860526	0.0283+0.0028	0.0006+0.0020	0.0097+0.0025	0.0000+0.0029	0.0047+0.0125	0.0000+0.0077
087	860601	0.0236+0.0024	0.0000+0.0016	0.0051+0.0019	0.0000+0.0024	0.0000+0.0100	0.0008+0.0063
087	860607	0.0339+0.0032	0.0000+0.0022	0.0081+0.0026	0.0000+0.0031	0.0000+0.0129	0.0016+0.0083
087	860613	0.0403+0.0034	0.0005+0.0017	0.0120+0.0021	0.0000+0.0024	0.0157+0.0100	0.0000+0.0060
087	860619	0.0438+0.0037	0.0032+0.0020	0.0166+0.0026	0.0000+0.0030	0.0131+0.0124	0.0000+0.0079
087	860625	0.0312+0.0028	0.0010+0.0019	0.0120+0.0025	0.0000+0.0027	0.0000+0.0114	0.0133+0.0074

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	BR	RB	SR	Y	ZR	MO
087	860701	0.0439+0.0037	0.0020+0.0018	0.0165+0.0024	0.0000+0.0026	0.0000+0.0106	0.0110+0.0068
087	860707	0.0238+0.0025	0.0007+0.0020	0.0079+0.0026	0.0000+0.0030	0.0000+0.0128	0.0000+0.0081
087	860713	0.0279+0.0027	0.0017+0.0019	0.0092+0.0023	0.0000+0.0028	0.0000+0.0113	0.0085+0.0072
087	860719	0.0490+0.0040	0.0007+0.0016	0.0163+0.0022	0.0001+0.0024	0.0072+0.0090	0.0000+0.0055
087	860725	0.0234+0.0022	0.0000+0.0014	0.0084+0.0018	0.0000+0.0021	0.0123+0.0092	0.0000+0.0060
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	0.0303+0.0029	0.0000+0.0020	0.0118+0.0026	0.0000+0.0030	0.0099+0.0124	0.0000+0.0076
087	860812	0.0321+0.0028	0.0005+0.0014	0.0171+0.0022	0.0002+0.0023	0.0122+0.0090	0.0000+0.0054
087	860818	0.0386+0.0035	0.0000+0.0021	0.0182+0.0029	0.0000+0.0031	0.0000+0.0128	0.0073+0.0082
087	860824	0.0323+0.0029	0.0013+0.0018	0.0111+0.0022	0.0000+0.0026	0.0004+0.0109	0.0000+0.0067
087	860830	0.0393+0.0034	0.0017+0.0018	0.0138+0.0023	0.0000+0.0025	0.0000+0.0103	0.0078+0.0066
087	860905	0.0503+0.0042	0.0005+0.0019	0.0169+0.0024	0.0000+0.0028	0.0139+0.0108	0.0114+0.0068
087	860911	0.0325+0.0028	0.0000+0.0015	0.0119+0.0019	0.0000+0.0022	0.0000+0.0092	0.0000+0.0055
087	860917	0.0449+0.0038	0.0031+0.0018	0.0136+0.0022	0.0000+0.0025	0.0198+0.0100	0.0000+0.0061
087	860923	0.0411+0.0035	0.0018+0.0016	0.0128+0.0020	0.0000+0.0020	0.0120+0.0086	0.0014+0.0053
087	860929	0.0632+0.0051	0.0000+0.0017	0.0176+0.0023	0.0000+0.0024	0.0000+0.0093	0.0026+0.0056
087	861005	0.0253+0.0025	0.0011+0.0019	0.0073+0.0024	0.0000+0.0029	0.0000+0.0121	0.0000+0.0075
087	861011	0.0177+0.0019	0.0000+0.0013	0.0046+0.0016	0.0000+0.0019	0.0052+0.0082	0.0036+0.0052
087	861017	0.0430+0.0037	0.0033+0.0018	0.0149+0.0023	0.0000+0.0025	0.0035+0.0102	0.0018+0.0063
087	861023	0.0555+0.0046	0.0008+0.0019	0.0165+0.0026	0.0000+0.0029	0.0000+0.0113	0.0002+0.0070
087	861029	0.0794+0.0063	0.0016+0.0022	0.0158+0.0025	0.0000+0.0029	0.0086+0.0112	0.0030+0.0070
087	861104	0.0872+0.0068	0.0017+0.0022	0.0250+0.0028	0.0000+0.0029	0.0000+0.0110	0.0000+0.0066
087	861110	0.0649+0.0052	0.0019+0.0019	0.0223+0.0028	0.0000+0.0027	0.0169+0.0109	0.0000+0.0065
087	861116	0.0505+0.0042	0.0000+0.0018	0.0078+0.0021	0.0000+0.0025	0.0170+0.0104	0.0002+0.0064
087	861122	0.0161+0.0019	0.0046+0.0016	0.0119+0.0021	0.0000+0.0023	0.0000+0.0099	0.0000+0.0060
087	861128	0.0426+0.0036	0.0001+0.0016	0.0071+0.0018	0.0000+0.0023	0.0016+0.0088	0.0100+0.0058
087	861204	0.1285+0.0098	0.0008+0.0029	0.0309+0.0037	0.0000+0.0041	0.0000+0.0146	0.0079+0.0092
087	861210	0.0866+0.0068	0.0007+0.0020	0.0298+0.0032	0.0000+0.0028	0.0020+0.0104	0.0115+0.0066
087	861216	0.0719+0.0059	0.0000+0.0023	0.0164+0.0029	0.0000+0.0033	0.0000+0.0132	0.0094+0.0084
087	861222	0.0620+0.0050	0.0004+0.0017	0.0120+0.0020	0.0000+0.0024	0.0163+0.0091	0.0051+0.0058
087	861228	0.0713+0.0058	0.0000+0.0024	0.0137+0.0029	0.0000+0.0034	0.0067+0.0136	0.0040+0.0085

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	PD	AG	CD	IN	SN	SB
087	850805	0.0017+0.0051	0.0000+0.0069	0.0000+0.0107	0.0000+0.0115	0.0229+0.0137	0.0322+0.0238
087	850811	0.0118+0.0058	0.0099+0.0079	0.0173+0.0109	0.0249+0.0132	0.0092+0.0142	0.0301+0.0252
087	850817	0.0000+0.0055	0.0064+0.0078	0.0014+0.0105	0.0000+0.0123	0.0235+0.0147	0.0368+0.0256
087	850823	0.0031+0.0068	0.0000+0.0092	0.0000+0.0128	0.0000+0.0152	0.0027+0.0173	0.0198+0.0304
087	850829	0.0080+0.0066	0.0019+0.0087	0.0190+0.0126	0.0071+0.0146	0.0000+0.0170	0.0224+0.0288
087	850904	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	850910	0.0012+0.0047	0.0000+0.0065	0.0078+0.0095	0.0000+0.0108	0.0244+0.0131	0.0106+0.0216
087	850916	0.0021+0.0060	0.0120+0.0087	0.0135+0.0121	0.0017+0.0138	0.0148+0.0159	0.0418+0.0281
087	850922	0.0000+0.0066	0.0041+0.0096	0.0000+0.0144	0.0000+0.0156	0.0159+0.0178	0.0049+0.0304
087	850928	0.0000+0.0099	0.0091+0.0138	0.0071+0.0190	0.0000+0.0220	0.0000+0.0253	0.0489+0.0450
087	851004	0.0015+0.0072	0.0164+0.0105	0.0295+0.0146	0.0000+0.0164	0.0128+0.0189	0.0000+0.0320
087	851010	0.0020+0.0055	0.0173+0.0086	0.0089+0.0112	0.0115+0.0128	0.0094+0.0149	0.0450+0.0273
087	851016	0.0000+0.0070	0.0007+0.0102	0.0117+0.0142	0.0000+0.0159	0.0172+0.0190	0.0000+0.0329
087	851022	0.0000+0.0047	0.0035+0.0073	0.0141+0.0104	0.0201+0.0118	0.0282+0.0140	0.0346+0.0243
087	851028	0.0048+0.0053	0.0055+0.0077	0.0152+0.0108	0.0196+0.0124	0.0229+0.0144	0.0000+0.0261
087	851103	0.0024+0.0048	0.0066+0.0072	0.0049+0.0097	0.0158+0.0113	0.0197+0.0132	0.0362+0.0236
087	851109	0.0038+0.0066	0.0028+0.0087	0.0000+0.0109	0.0172+0.0141	0.0019+0.0171	0.0000+0.0362
087	851115	0.0000+0.0063	0.0000+0.0081	0.0016+0.0108	0.0026+0.0132	0.0000+0.0162	0.0390+0.0364
087	851121	0.0000+0.0079	0.0008+0.0104	0.0008+0.0135	0.0083+0.0168	0.0000+0.0204	0.0417+0.0453
087	851127	0.0081+0.0083	0.0000+0.0105	0.0000+0.0136	0.0092+0.0170	0.0000+0.0211	0.0305+0.0458
087	851203	0.0047+0.0064	0.0000+0.0080	0.0000+0.0105	0.0140+0.0134	0.0000+0.0162	0.0000+0.0340
087	851209	0.0083+0.0061	0.0000+0.0076	0.0174+0.0105	0.0140+0.0125	0.0286+0.0161	0.0471+0.0340
087	851215	0.0000+0.0066	0.0000+0.0078	0.0033+0.0104	0.0029+0.0128	0.0000+0.0157	0.0000+0.0337
087	851221	0.0011+0.0081	0.0042+0.0107	0.0000+0.0136	0.0019+0.0169	0.0197+0.0216	0.0000+0.0443
087	851227	0.0069+0.0086	0.0030+0.0110	0.0000+0.0140	0.0171+0.0179	0.0171+0.0222	0.0511+0.0479

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	PD	AG	CD	IN	SN	SB
087	860102	0.0000+0.0087	0.0128+0.0112	0.0023+0.0145	0.0202+0.0189	0.0000+0.0223	0.0176+0.0502
087	860108	0.0013+0.0072	0.0000+0.0096	0.0144+0.0122	0.0186+0.0155	0.0000+0.0192	0.0248+0.0414
087	860114	0.0074+0.0076	0.0121+0.0096	0.0214+0.0128	0.0000+0.0151	0.0322+0.0196	0.0000+0.0416
087	860120	0.0000+0.0065	0.0124+0.0088	0.0052+0.0111	0.0101+0.0142	0.0282+0.0177	0.0000+0.0372
087	860126	0.0086+0.0085	0.0088+0.0106	0.0000+0.0136	0.0179+0.0178	0.0000+0.0210	0.0322+0.0481
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.0098+0.0069	0.0089+0.0089	0.0000+0.0106	0.0217+0.0143	0.0168+0.0170	0.0211+0.0374
087	860213	0.0024+0.0066	0.0000+0.0089	0.0106+0.0112	0.0145+0.0142	0.0007+0.0169	0.0211+0.0381
087	860219	0.0000+0.0080	0.0007+0.0103	0.0093+0.0138	0.0000+0.0171	0.0039+0.0212	0.0075+0.0472
087	860225	0.0082+0.0065	0.0028+0.0078	0.0000+0.0098	0.0090+0.0132	0.0222+0.0164	0.0243+0.0358
087	860303	0.0045+0.0077	0.0071+0.0096	0.0000+0.0124	0.0025+0.0160	0.0129+0.0198	0.0035+0.0434
087	860309	0.0066+0.0063	0.0004+0.0075	0.0120+0.0103	0.0148+0.0130	0.0223+0.0159	0.0323+0.0352
087	860315	0.0000+0.0069	0.0000+0.0085	0.0147+0.0119	0.0000+0.0144	0.0000+0.0176	0.0000+0.0389
087	860321	0.0000+0.0066	0.0065+0.0086	0.0127+0.0114	0.0139+0.0144	0.0059+0.0172	0.0000+0.0377
087	860327	0.0000+0.0063	0.0046+0.0083	0.0230+0.0115	0.0000+0.0134	0.0345+0.0173	0.0000+0.0367
087	860402	0.0026+0.0059	0.0137+0.0081	0.0033+0.0096	0.0001+0.0124	0.0306+0.0153	0.0019+0.0319
087	860408	0.0000+0.0072	0.0037+0.0097	0.0000+0.0121	0.0000+0.0155	0.0154+0.0184	0.0052+0.0406
087	860414	0.0044+0.0065	0.0036+0.0084	0.0053+0.0107	0.0000+0.0134	0.0171+0.0161	0.0406+0.0363
087	860420	0.0007+0.0055	0.0000+0.0070	0.0139+0.0094	0.0040+0.0118	0.0000+0.0141	0.0050+0.0299
087	860426	0.0000+0.0066	0.0000+0.0085	0.0002+0.0110	0.0000+0.0142	0.0090+0.0166	0.0541+0.0384
087	860502	0.0000+0.0058	0.0094+0.0081	0.0144+0.0104	0.0000+0.0124	0.0135+0.0151	0.0007+0.0330
087	860508	0.0067+0.0082	0.0095+0.0106	0.0000+0.0128	0.0000+0.0167	0.0000+0.0194	0.0000+0.0432
087	860514	0.0066+0.0070	0.0042+0.0089	0.0156+0.0116	0.0000+0.0142	0.0276+0.0172	0.0150+0.0372
087	860520	0.0000+0.0079	0.0000+0.0105	0.0000+0.0131	0.0057+0.0173	0.0448+0.0208	0.0079+0.0444
087	860526	0.0000+0.0080	0.0004+0.0107	0.0026+0.0136	0.0000+0.0171	0.0226+0.0207	0.0000+0.0450
087	860601	0.0089+0.0069	0.0000+0.0084	0.0131+0.0112	0.0190+0.0146	0.0140+0.0165	0.0000+0.0355
087	860607	0.0000+0.0083	0.0000+0.0110	0.0156+0.0146	0.0000+0.0182	0.0223+0.0218	0.0000+0.0475
087	860613	0.0000+0.0062	0.0065+0.0085	0.0062+0.0108	0.0028+0.0138	0.0143+0.0161	0.0000+0.0347
087	860619	0.0000+0.0079	0.0000+0.0103	0.0007+0.0132	0.0000+0.0166	0.0151+0.0199	0.0000+0.0432
087	860625	0.0144+0.0080	0.0004+0.0098	0.0049+0.0125	0.0000+0.0159	0.0145+0.0188	0.0000+0.0411

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	PD	AG	CD	IN	SN	SB
087	860701	0.0053+0.0072	0.0059+0.0092	0.0141+0.0118	0.0000+0.0147	0.0254+0.0177	0.0347+0.0393
087	860707	0.0057+0.0086	0.0000+0.0108	0.0000+0.0136	0.0000+0.0178	0.0252+0.0212	0.0000+0.0453
087	860713	0.0022+0.0074	0.0000+0.0095	0.0097+0.0125	0.0000+0.0156	0.0213+0.0187	0.0026+0.0410
087	860719	0.0050+0.0060	0.0005+0.0074	0.0000+0.0103	0.0038+0.0125	0.0127+0.0145	0.0002+0.0317
087	860725	0.0059+0.0062	0.0000+0.0078	0.0062+0.0100	0.0000+0.0125	0.0038+0.0147	0.0425+0.0342
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	0.0101+0.0084	0.0000+0.0103	0.0005+0.0133	0.0000+0.0170	0.0309+0.0205	0.0031+0.0443
087	860812	0.0079+0.0061	0.0101+0.0078	0.0000+0.0094	0.0032+0.0123	0.0301+0.0151	0.0037+0.0314
087	860818	0.0085+0.0087	0.0011+0.0110	0.0000+0.0140	0.0000+0.0177	0.0253+0.0213	0.0000+0.0460
087	860824	0.0000+0.0068	0.0004+0.0092	0.0037+0.0117	0.0065+0.0153	0.0179+0.0179	0.0057+0.0390
087	860830	0.0000+0.0066	0.0013+0.0088	0.0012+0.0112	0.0000+0.0142	0.0230+0.0176	0.0000+0.0368
087	860905	0.0022+0.0071	0.0000+0.0090	0.0164+0.0120	0.0045+0.0151	0.0355+0.0180	0.0000+0.0375
087	860911	0.0078+0.0061	0.0068+0.0079	0.0000+0.0095	0.0000+0.0122	0.0000+0.0151	0.0185+0.0324
087	860917	0.0115+0.0068	0.0025+0.0082	0.0165+0.0110	0.0080+0.0137	0.0057+0.0156	0.0084+0.0350
087	860923	0.0002+0.0055	0.0054+0.0074	0.0122+0.0096	0.0024+0.0119	0.0043+0.0137	0.0353+0.0317
087	860929	0.0065+0.0061	0.0000+0.0075	0.0083+0.0099	0.0091+0.0129	0.0259+0.0159	0.0216+0.0332
087	861005	0.0000+0.0079	0.0000+0.0101	0.0000+0.0129	0.0058+0.0172	0.0115+0.0198	0.0000+0.0434
087	861011	0.0061+0.0056	0.0012+0.0070	0.0185+0.0096	0.0055+0.0117	0.0163+0.0137	0.0155+0.0300
087	861017	0.0010+0.0066	0.0131+0.0090	0.0109+0.0111	0.0018+0.0141	0.0239+0.0168	0.0299+0.0371
087	861023	0.0000+0.0072	0.0023+0.0096	0.0000+0.0120	0.0000+0.0156	0.0143+0.0184	0.0496+0.0418
087	861029	0.0032+0.0074	0.0030+0.0094	0.0167+0.0124	0.0000+0.0152	0.0308+0.0188	0.0106+0.0407
087	861104	0.0053+0.0071	0.0013+0.0089	0.0127+0.0118	0.0093+0.0150	0.0084+0.0174	0.0031+0.0384
087	861110	0.0031+0.0069	0.0083+0.0091	0.0000+0.0112	0.0000+0.0146	0.0000+0.0168	0.0000+0.0418
087	861116	0.0000+0.0065	0.0048+0.0087	0.0119+0.0113	0.0000+0.0141	0.0155+0.0169	0.0054+0.0372
087	861122	0.0035+0.0063	0.0000+0.0080	0.0202+0.0110	0.0000+0.0133	0.0000+0.0162	0.0123+0.0347
087	861128	0.0000+0.0057	0.0000+0.0073	0.0138+0.0102	0.0013+0.0126	0.0116+0.0148	0.0000+0.0319
087	861204	0.0000+0.0094	0.0000+0.0123	0.0192+0.0163	0.0000+0.0201	0.0186+0.0241	0.0000+0.0524
087	861210	0.0090+0.0071	0.0000+0.0086	0.0000+0.0110	0.0000+0.0142	0.0309+0.0176	0.0280+0.0385
087	861216	0.0000+0.0087	0.0104+0.0116	0.0000+0.0143	0.0000+0.0185	0.0276+0.0224	0.0000+0.0484
087	861222	0.0000+0.0059	0.0063+0.0079	0.0012+0.0098	0.0109+0.0129	0.0193+0.0152	0.0399+0.0343
087	861228	0.0068+0.0091	0.0000+0.0114	0.0007+0.0148	0.0000+0.0188	0.0000+0.0222	0.0054+0.0498

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	BA	LA	HG	PB
087	850805	0.0000+0.0663	0.0000+0.0995	0.0007+0.0017	0.2799+0.0160
087	850811	0.0984+0.0690	0.0522+0.1017	0.0016+0.0018	0.0664+0.0061
087	850817	0.0725+0.0690	0.1312+0.1039	0.0000+0.0016	0.1018+0.0077
087	850823	0.1041+0.0848	0.1384+0.1269	0.0044+0.0023	0.3897+0.0217
087	850829	0.0653+0.0789	0.1320+0.1188	0.0019+0.0019	0.2938+0.0170
087	850904	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	850910	0.0000+0.0637	0.1684+0.0923	0.0039+0.0018	0.1167+0.0081
087	850916	0.0268+0.0751	0.1487+0.1146	0.0000+0.0017	0.1163+0.0085
087	850922	0.0657+0.0853	0.0049+0.1265	0.0007+0.0021	0.2374+0.0143
087	850928	0.0000+0.1214	0.0000+0.1804	0.0020+0.0031	0.1439+0.0113
087	851004	0.0483+0.0899	0.0000+0.1334	0.0001+0.0021	0.2907+0.0170
087	851010	0.1211+0.0711	0.0366+0.1104	0.0036+0.0020	0.3178+0.0180
087	851016	0.0000+0.0922	0.0000+0.1383	0.0009+0.0020	0.3481+0.0198
087	851022	0.0000+0.0666	0.1580+0.1017	0.0012+0.0016	0.1799+0.0112
087	851028	0.0000+0.0888	0.0000+0.1077	0.0017+0.0016	0.1642+0.0105
087	851103	0.0922+0.0611	0.0000+0.0988	0.0024+0.0017	0.3490+0.0193
087	851109	0.0000+0.0695	0.0188+0.1282	0.0001+0.0012	0.0876+0.0084
087	851115	0.0016+0.0682	0.0000+0.1235	0.0000+0.0012	0.2716+0.0208
087	851121	0.0000+0.0857	0.0000+0.1532	0.0004+0.0016	0.2377+0.0187
087	851127	0.0238+0.0875	0.0766+0.1596	0.0001+0.0016	0.1320+0.0116
087	851203	0.0932+0.0691	0.0658+0.1234	0.0021+0.0013	0.1798+0.0144
087	851209	0.0091+0.0628	0.0683+0.1151	0.0008+0.0012	0.1351+0.0112
087	851215	0.0138+0.0657	0.0612+0.1201	0.0013+0.0013	0.2284+0.0177
087	851221	0.0147+0.0875	0.0000+0.1572	0.0007+0.0016	0.4196+0.0313
087	851227	0.0000+0.0897	0.0000+0.1625	0.0016+0.0017	0.3731+0.0281



PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	BA	LA	HG	PB
087	860102	0.0000+0.0944	0.0000+0.1734	0.0019+0.0018	0.2111+0.0165
087	860108	0.1274+0.0798	0.0000+0.1418	0.0019+0.0016	0.3733+0.0270
087	860114	0.0375+0.0807	0.0000+0.1475	0.0000+0.0014	0.2057+0.0158
087	860120	0.0000+0.0719	0.0964+0.1350	0.0013+0.0014	0.1999+0.0153
087	860126	0.0000+0.0897	0.0000+0.1652	0.0010+0.0017	0.2187+0.0168
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.0926+0.0720	0.0000+0.1299	0.0000+0.0012	0.1498+0.0120
087	860213	0.0000+0.0694	0.0000+0.1317	0.0000+0.0012	0.1142+0.0098
087	860219	0.0000+0.0875	0.0000+0.1624	0.0006+0.0017	0.4307+0.0311
087	860225	0.0585+0.0678	0.0032+0.1235	0.0020+0.0014	0.4582+0.0326
087	860303	0.0872+0.0838	0.0000+0.1522	0.0006+0.0016	0.1923+0.0150
087	860309	0.0000+0.0656	0.0000+0.1211	0.0019+0.0013	0.1208+0.0101
087	860315	0.0000+0.0740	0.0000+0.1374	0.0000+0.0013	0.1113+0.0097
087	860321	0.0000+0.0755	0.0119+0.1338	0.0002+0.0013	0.1973+0.0151
087	860327	0.0000+0.0730	0.0000+0.1293	0.0017+0.0014	0.3547+0.0256
087	860402	0.0000+0.0632	0.0206+0.1102	0.0018+0.0013	0.2857+0.0216
087	860408	0.0000+0.0764	0.0000+0.1386	0.0006+0.0014	0.2194+0.0173
087	860414	0.1177+0.0688	0.0000+0.1182	0.0000+0.0012	0.2901+0.0220
087	860420	0.0000+0.0592	0.1525+0.1059	0.0015+0.0012	0.1824+0.0143
087	860426	0.0464+0.0706	0.2173+0.1307	0.0000+0.0013	0.2755+0.0209
087	860502	0.1045+0.0646	0.0967+0.1150	0.0024+0.0013	0.2976+0.0224
087	860508	0.0342+0.0833	0.0000+0.1481	0.0019+0.0017	0.1668+0.0139
087	860514	0.0976+0.0717	0.0863+0.1282	0.0000+0.0012	0.1851+0.0148
087	860520	0.0000+0.0831	0.0000+0.1503	0.0004+0.0016	0.2159+0.0171
087	860526	0.0000+0.0849	0.0000+0.1537	0.0000+0.0014	0.1570+0.0132
087	860601	0.0063+0.0686	0.0000+0.1303	0.0006+0.0013	0.1124+0.0100
087	860607	0.0000+0.0902	0.0000+0.1616	0.0000+0.0016	0.1702+0.0142
087	860613	0.0000+0.0665	0.1116+0.1235	0.0007+0.0013	0.2092+0.0164
087	860619	0.0000+0.0827	0.1102+0.1522	0.0017+0.0017	0.2328+0.0182
087	860625	0.0495+0.0790	0.0000+0.1398	0.0007+0.0015	0.2215+0.0174

PM10 CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	BA	LA	HG	PB
087	860701	0.0000+0.0719	0.0798+0.1328	0.0016+0.0014	0.2773+0.0212
087	860707	0.0000+0.0878	0.0000+0.1586	0.0011+0.0017	0.2021+0.0163
087	860713	0.0000+0.0774	0.0000+0.1399	0.0001+0.0014	0.2160+0.0170
087	860719	0.0000+0.0630	0.1185+0.1112	0.0005+0.0012	0.2935+0.0222
087	860725	0.1205+0.0646	0.1948+0.1167	0.0000+0.0011	0.1070+0.0093
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	0.0000+0.0833	0.0000+0.1503	0.0000+0.0014	0.1961+0.0161
087	860812	0.1038+0.0617	0.1673+0.1114	0.0019+0.0013	0.2512+0.0196
087	860818	0.0503+0.0890	0.0000+0.1580	0.0000+0.0016	0.2241+0.0181
087	860824	0.0104+0.0740	0.2386+0.1384	0.0000+0.0013	0.1533+0.0130
087	860830	0.0000+0.0709	0.2176+0.1328	0.0014+0.0014	0.1922+0.0155
087	860905	0.0550+0.0734	0.0000+0.1296	0.0012+0.0014	0.3065+0.0237
087	860911	0.0933+0.0623	0.1349+0.1123	0.0003+0.0012	0.1735+0.0139
087	860917	0.0437+0.0667	0.0590+0.1206	0.0012+0.0013	0.2571+0.0201
087	860923	0.0786+0.0593	0.1136+0.1069	0.0010+0.0012	0.1400+0.0117
087	860929	0.0000+0.0642	0.0000+0.1184	0.0008+0.0012	0.3349+0.0257
087	861005	0.0290+0.0833	0.0000+0.1495	0.0002+0.0016	0.1848+0.0153
087	861011	0.1040+0.0582	0.0000+0.1075	0.0010+0.0011	0.0748+0.0072
087	861017	0.0923+0.0701	0.1644+0.1272	0.0005+0.0013	0.1988+0.0160
087	861023	0.0163+0.0767	0.0000+0.1373	0.0001+0.0014	0.3225+0.0250
087	861029	0.0693+0.0770	0.0564+0.1382	0.0011+0.0016	0.3302+0.0255
087	861104	0.0000+0.0748	0.0000+0.1296	0.0013+0.0016	0.3841+0.0293
087	861110	0.0000+0.0744	0.0373+0.1303	0.0000+0.0014	0.3144+0.0242
087	861116	0.0194+0.0699	0.0000+0.1258	0.0000+0.0013	0.2577+0.0202
087	861122	0.0000+0.0679	0.0936+0.1197	0.0012+0.0013	0.1574+0.0131
087	861128	0.0629+0.0636	0.1385+0.1136	0.0000+0.0012	0.2166+0.0172
087	861204	0.0859+0.1031	0.0000+0.1779	0.0024+0.0022	0.6430+0.0482
087	861210	0.1248+0.0744	0.1493+0.1306	0.0013+0.0014	0.3630+0.0278
087	861216	0.0000+0.0926	0.1360+0.1684	0.0023+0.0019	0.2979+0.0235
087	861222	0.0000+0.0655	0.1852+0.1157	0.0007+0.0013	0.2697+0.0210
087	861228	0.0000+0.0952	0.1181+0.1709	0.0000+0.0017	0.2918+0.0230



## Part B

PM<sub>10</sub> Concentrations Measured at Burbank

This section contains data on PM<sub>10</sub> mass concentration and chemical composition measured at Burbank. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule over the period August 1985 - December 1986. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following PM<sub>10</sub> ( $d_p < 10 \mu\text{m AD}$ ) aerosol species: PM<sub>10</sub> mass, organic carbon (OC), elemental carbon (EC), total carbon (TC = OC + EC), NO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>, SO<sub>4</sub><sup>=</sup>, NH<sub>4</sub><sup>+</sup>, Na<sup>+</sup>, Mg<sup>++</sup>, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.99 \pm -9.99$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol < are determined to be below their detection limit. In that case, the measured concentration is bounded up to the sample detection limit and the error bound is determined by statistically propagating the sampling and analysis precisions for that sample. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol < has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by Cl<sup>-</sup>, while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Water soluble PM<sub>10</sub> Br<sup>-</sup> aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	MASS	OC	EC	TC	NH4+
069	850805	41.73+- 2.11	9.99+- 0.68	1.94+- 0.28	11.93+- 0.36	1.36+- 0.05
069	850811	35.64+- 2.87	6.84+- 0.59	0.75+- 0.29	7.59+- 0.23	2.55+- 0.10
069	850817	43.53+- 2.87	7.09+- 0.60	1.12+- 0.30	8.21+- 0.25	4.52+- 0.18
069	850823	62.09+- 2.93	16.30+- 1.07	4.14+- 0.46	20.44+- 0.61	1.38+- 0.06
069	850829	66.71+- 2.92	16.54+- 1.08	3.88+- 0.44	20.42+- 0.61	1.46+- 0.06
069	850904	24.31+- 2.85	5.51+- 0.52	1.49+- 0.32	7.00+- 0.21	0.82+- 0.03
069	850910	25.19+- 2.88	4.50+- 0.48	1.25+- 0.31	5.75+- 0.17	0.49+- 0.02
069	850916	64.00+- 2.91	7.89+- 0.64	1.75+- 0.34	9.64+- 0.29	2.79+- 0.11
069	850922	51.25+- 2.89	10.25+- 0.76	1.75+- 0.34	12.00+- 0.36	1.69+- 0.07
069	850928	32.40+- 2.91	7.07+- 0.61	1.26+- 0.32	8.33+- 0.25	1.94+- 0.08
069	851004	59.63+- 2.95	16.60+- 1.08	4.53+- 0.48	21.13+- 0.63	1.65+- 0.07
069	851010	27.68+- 2.92	7.30+- 0.62	2.14+- 0.36	9.44+- 0.28	0.32+- 0.01
069	851016	61.36+- 2.92	16.16+- 1.06	3.88+- 0.44	20.04+- 0.60	2.06+- 0.08
069	851022	32.75+- 2.90	10.03+- 0.75	2.76+- 0.39	12.78+- 0.38	0.26+- 0.01
069	851028	76.46+- 2.97	12.45+- 0.87	2.14+- 0.36	14.59+- 0.44	7.93+- 0.32
069	851103	62.01+- 2.94	20.75+- 1.29	2.51+- 0.38	23.27+- 0.70	3.42+- 0.14
069	851109	38.40+- 2.95	5.69+- 0.54	1.14+- 0.31	6.83+- 0.20	1.68+- 0.07
069	851115	61.70+- 2.95	19.49+- 1.23	5.69+- 0.54	25.18+- 0.76	1.04+- 0.04
069	851121	87.02+- 2.99	24.75+- 1.49	5.33+- 0.52	30.08+- 0.90	5.03+- 0.20
069	851127	51.81+- 2.96	8.51+- 0.68	1.90+- 0.35	10.41+- 0.31	6.89+- 0.28
069	851203	43.37+- 2.96	16.62+- 1.08	4.30+- 0.47	20.92+- 0.63	1.99+- 0.08
069	851209	21.44+- 2.91	7.73+- 0.64	2.41+- 0.37	10.14+- 0.30	0.35+- 0.01
069	851215	57.36+- 2.94	20.93+- 1.30	5.54+- 0.53	26.47+- 0.79	1.35+- 0.05
069	851221	77.30+- 2.99	23.89+- 1.45	6.24+- 0.57	30.13+- 0.90	3.90+- 0.16
069	851227	135.86+- 3.07	32.38+- 1.87	6.68+- 0.59	39.06+- 1.17	13.39+- 0.54

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	MASS	OC	EC	TC	NH4+
069 860102		137.82+- 3.06	18.41+- 1.17	3.50+- 0.42	21.90+- 0.66	19.31+- 0.77
069 860108		50.59+- 2.93	15.89+- 1.04	8.40+- 0.67	24.29+- 0.73	0.22+- 0.01
069 860114		55.97+- 2.94	12.71+- 0.89	3.85+- 0.44	16.56+- 0.50	2.35+- 0.09
069 860120		96.46+- 3.02	16.19+- 1.06	2.84+- 0.40	19.03+- 0.57	10.79+- 0.43
069 860126		44.75+- 2.93	17.42+- 1.12	3.10+- 0.41	20.53+- 0.62	0.19+- 0.01
069 860201		39.76+- 2.94	12.43+- 0.87	3.21+- 0.41	15.64+- 0.47	2.38+- 0.10
069 860207		32.57+- 2.93	8.20+- 0.66	3.01+- 0.40	11.21+- 0.34	0.82+- 0.03
069 860213		29.10+- 2.90	5.55+- 0.53	1.87+- 0.34	7.42+- 0.22	2.33+- 0.09
069 860219		33.46+- 2.94	6.82+- 0.59	1.96+- 0.35	8.78+- 0.26	0.53+- 0.02
069 860225		63.62+- 2.95	16.91+- 1.10	6.07+- 0.55	22.98+- 0.69	2.00+- 0.08
069 860303		72.37+- 2.97	14.20+- 0.96	4.48+- 0.48	18.68+- 0.56	7.54+- 0.30
069 860309		31.71+- 2.90	8.48+- 0.67	1.29+- 0.31	9.78+- 0.29	1.00+- 0.04
069 860315		34.39+- 2.92	9.03+- 0.70	1.91+- 0.34	10.94+- 0.33	1.01+- 0.04
069 860321		32.07+- 2.93	10.86+- 0.79	3.86+- 0.44	14.72+- 0.44	0.37+- 0.01
069 860327		96.41+- 2.96	23.28+- 1.41	6.31+- 0.56	29.59+- 0.89	5.54+- 0.22
069 860402		32.69+- 2.94	5.98+- 0.55	1.24+- 0.31	7.23+- 0.22	0.64+- 0.03
069 860408		23.52+- 2.88	7.74+- 0.64	1.60+- 0.33	9.34+- 0.28	0.59+- 0.02
069 860414		52.66+- 2.94	12.23+- 0.86	2.74+- 0.39	14.97+- 0.45	2.80+- 0.11
069 860420		22.91+- 2.89	7.62+- 0.63	1.35+- 0.31	8.97+- 0.27	0.44+- 0.02
069 860426		43.44+- 2.89	9.06+- 0.70	1.71+- 0.33	10.78+- 0.32	2.41+- 0.10
069 860502		47.05+- 2.92	12.46+- 0.87	2.41+- 0.37	14.87+- 0.45	1.31+- 0.05
069 860508		46.05+- 2.89	10.04+- 0.75	2.55+- 0.37	12.59+- 0.38	1.60+- 0.06
069 860514		67.73+- 2.92	9.15+- 0.70	1.99+- 0.35	11.15+- 0.33	5.89+- 0.24
069 860520		69.54+- 2.93	11.55+- 0.83	2.66+- 0.38	14.21+- 0.43	5.65+- 0.23
069 860526		60.18+- 2.92	10.39+- 0.77	1.22+- 0.31	11.61+- 0.35	5.32+- 0.21
069 860601		48.71+- 2.90	8.23+- 0.66	0.88+- 0.29	9.11+- 0.27	5.85+- 0.23
069 860607		50.74+- 2.93	9.41+- 0.72	1.39+- 0.32	10.79+- 0.32	3.89+- 0.16
069 860613		54.31+- 2.90	12.86+- 0.89	2.85+- 0.39	15.71+- 0.47	2.68+- 0.11
069 860619		60.16+- 2.90	13.45+- 0.92	3.08+- 0.40	16.53+- 0.50	2.20+- 0.09
069 860625		78.24+- 2.93	14.76+- 0.99	2.49+- 0.37	17.25+- 0.52	5.35+- 0.21

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	MASS	OC	EC	TC	NH4+
069	860701	49.49+- 2.89	13.21+- 0.91	4.48+- 0.47	17.69+- 0.53	1.44+- 0.06
069	860707	27.09+- 2.91	7.98+- 0.65	2.09+- 0.35	10.07+- 0.30	0.89+- 0.04
069	860713	33.99+- 2.88	9.29+- 0.71	1.67+- 0.33	10.96+- 0.33	1.62+- 0.06
069	860719	48.52+- 2.90	11.90+- 0.84	2.67+- 0.38	14.58+- 0.44	1.04+- 0.04
069	860725	33.85+- 2.90	6.80+- 0.59	2.21+- 0.36	9.01+- 0.27	1.32+- 0.05
069	860731	79.95+- 2.91	15.63+- 1.03	5.36+- 0.51	20.99+- 0.63	5.32+- 0.21
069	860806	73.95+- 2.92	11.65+- 0.83	5.06+- 0.50	16.70+- 0.50	7.04+- 0.28
069	860812	58.57+- 2.90	13.64+- 0.93	3.99+- 0.45	17.62+- 0.53	4.13+- 0.17
069	860818	49.93+- 2.91	13.23+- 0.91	4.30+- 0.47	17.53+- 0.53	1.51+- 0.06
069	860824	76.48+- 2.92	14.17+- 0.96	3.10+- 0.40	17.27+- 0.52	4.65+- 0.19
069	860830	53.86+- 2.88	11.85+- 0.84	2.77+- 0.39	14.62+- 0.44	2.39+- 0.10
069	860905	66.81+- 2.91	16.03+- 1.05	5.22+- 0.51	21.25+- 0.64	3.65+- 0.15
069	860911	57.24+- 2.89	10.65+- 0.78	2.94+- 0.39	13.60+- 0.41	3.74+- 0.15
069	860917	38.08+- 2.89	10.18+- 0.76	3.56+- 0.43	13.73+- 0.41	0.57+- 0.02
069	860923	34.06+- 2.87	7.69+- 0.63	2.76+- 0.39	10.45+- 0.31	1.33+- 0.05
069	860929	54.87+- 2.90	14.39+- 0.96	4.91+- 0.49	19.30+- 0.58	2.37+- 0.09
069	861005	20.12+- 2.87	6.81+- 0.59	1.59+- 0.33	8.41+- 0.25	0.59+- 0.02
069	861011	35.54+- 2.86	5.90+- 0.54	1.28+- 0.31	7.18+- 0.22	3.56+- 0.14
069	861017	49.16+- 2.87	10.03+- 0.75	3.24+- 0.41	13.27+- 0.40	3.79+- 0.15
069	861023	69.53+- 2.89	14.30+- 0.96	5.01+- 0.50	19.32+- 0.58	4.81+- 0.19
069	861029	99.60+- 2.97	19.39+- 1.22	6.10+- 0.55	25.49+- 0.76	8.42+- 0.34
069	861104	84.81+- 2.93	22.92+- 1.39	7.14+- 0.61	30.07+- 0.90	4.17+- 0.17
069	861110	41.50+- 2.87	16.08+- 1.05	7.73+- 0.63	23.81+- 0.71	0.32+- 0.01
069	861116	50.49+- 2.89	15.07+- 1.00	4.82+- 0.49	19.89+- 0.60	2.85+- 0.11
069	861122	19.16+- 2.86	4.58+- 0.48	1.11+- 0.30	5.69+- 0.17	0.35+- 0.01
069	861128	64.73+- 2.88	17.39+- 1.12	6.75+- 0.58	24.14+- 0.72	2.46+- 0.10
069	861204	187.27+- 3.16	38.45+- 2.17	16.23+- 1.06	54.68+- 1.64	15.52+- 0.62
069	861210	75.06+- 2.90	22.44+- 1.37	10.03+- 0.75	32.46+- 0.97	3.92+- 0.16
069	861216	89.51+- 2.94	21.57+- 1.33	8.96+- 0.70	30.53+- 0.92	5.72+- 0.23
069	861222	62.89+- 2.91	20.91+- 1.29	9.10+- 0.70	30.01+- 0.90	2.73+- 0.11
069	861228	57.17+- 2.92	17.25+- 1.11	6.10+- 0.55	23.34+- 0.70	3.51+- 0.14

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	CL-	NO3-	SO4=	NA+
069	850805	< 0.06+- 0.01	3.26+- 0.20	4.91+- 0.24	1.12+- 0.09
069	850811	0.24+- 0.03	3.83+- 0.23	8.72+- 0.42	2.02+- 0.16
069	850817	< 0.05+- 0.01	1.59+- 0.10	13.84+- 0.66	1.06+- 0.09
069	850823	0.40+- 0.05	4.35+- 0.26	4.77+- 0.23	1.22+- 0.10
069	850829	0.31+- 0.04	5.93+- 0.36	5.00+- 0.24	2.04+- 0.16
069	850904	1.38+- 0.16	2.77+- 0.17	2.50+- 0.12	1.41+- 0.11
069	850910	1.61+- 0.19	2.53+- 0.16	2.19+- 0.10	1.43+- 0.12
069	850916	1.26+- 0.15	12.97+- 0.77	6.97+- 0.33	4.22+- 0.30
069	850922	0.32+- 0.04	4.84+- 0.29	4.47+- 0.21	1.22+- 0.10
069	850928	0.32+- 0.04	2.72+- 0.17	5.51+- 0.26	1.03+- 0.09
069	851004	0.23+- 0.03	4.18+- 0.25	4.95+- 0.24	0.88+- 0.08
069	851010	0.82+- 0.10	1.45+- 0.09	1.55+- 0.07	0.75+- 0.07
069	851016	0.66+- 0.08	7.47+- 0.45	3.57+- 0.17	1.55+- 0.12
069	851022	0.42+- 0.05	3.25+- 0.20	1.56+- 0.07	0.61+- 0.06
069	851028	0.66+- 0.08	10.66+- 0.64	15.36+- 0.74	1.37+- 0.11
069	851103	0.08+- 0.01	9.32+- 0.56	2.97+- 0.14	0.47+- 0.05
069	851109	3.10+- 0.37	6.41+- 0.39	3.77+- 0.18	3.34+- 0.25
069	851115	0.69+- 0.08	4.27+- 0.26	1.54+- 0.07	0.47+- 0.05
069	851121	1.25+- 0.15	16.37+- 0.97	2.94+- 0.14	0.50+- 0.05
069	851127	0.49+- 0.06	15.68+- 0.93	8.20+- 0.39	0.66+- 0.06
069	851203	0.66+- 0.08	5.84+- 0.35	1.78+- 0.09	0.18+- 0.03
069	851209	0.26+- 0.03	1.32+- 0.09	1.08+- 0.05	0.22+- 0.03
069	851215	0.45+- 0.05	4.53+- 0.27	1.11+- 0.05	< 0.09+- 0.02
069	851221	0.43+- 0.05	13.41+- 0.80	1.81+- 0.09	0.35+- 0.04
069	851227	0.80+- 0.09	30.24+- 1.79	9.15+- 0.44	0.21+- 0.03



PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
069	860102	0.78+- 0.14	40.49+- 1.70	11.66+- 0.56	0.64+- 0.05	0.14+- 0.01
069	860108	0.41+- 0.08	2.11+- 0.09	1.07+- 0.05	0.41+- 0.03	0.13+- 0.01
069	860114	1.23+- 0.21	8.22+- 0.35	2.84+- 0.14	1.11+- 0.08	0.22+- 0.02
069	860120	0.41+- 0.08	22.79+- 0.96	9.85+- 0.47	0.81+- 0.06	0.15+- 0.01
069	860126	0.16+- 0.03	1.31+- 0.05	0.88+- 0.04	0.24+- 0.02	0.08+- 0.01
069	860201	2.29+- 0.39	10.35+- 0.43	3.81+- 0.18	2.12+- 0.15	0.34+- 0.03
069	860207	0.49+- 0.09	3.11+- 0.13	1.34+- 0.06	0.69+- 0.05	0.09+- 0.01
069	860213	0.28+- 0.05	5.39+- 0.23	1.46+- 0.07	0.17+- 0.01	0.03+- 0.00
069	860219	2.37+- 0.41	1.88+- 0.08	1.30+- 0.06	1.64+- 0.11	0.23+- 0.02
069	860225	< 0.06+- 0.02	5.52+- 0.23	1.94+- 0.09	0.30+- 0.02	0.12+- 0.01
069	860303	0.42+- 0.08	13.47+- 0.57	9.88+- 0.47	0.55+- 0.04	0.15+- 0.01
069	860309	1.26+- 0.22	4.23+- 0.18	1.56+- 0.07	1.61+- 0.11	0.20+- 0.02
069	860315	2.79+- 0.48	3.79+- 0.16	1.48+- 0.07	1.46+- 0.10	0.19+- 0.02
069	860321	< 0.06+- 0.02	0.98+- 0.04	1.12+- 0.05	0.16+- 0.01	0.07+- 0.01
069	860327	0.09+- 0.02	9.65+- 0.41	8.46+- 0.41	0.38+- 0.03	0.14+- 0.01
069	860402	0.63+- 0.11	1.95+- 0.08	1.87+- 0.09	1.02+- 0.07	0.14+- 0.01
069	860408	0.32+- 0.06	2.38+- 0.10	1.72+- 0.08	0.72+- 0.05	0.12+- 0.01
069	860414	0.40+- 0.07	8.87+- 0.37	3.41+- 0.16	1.19+- 0.08	0.20+- 0.02
069	860420	0.07+- 0.02	0.68+- 0.03	1.28+- 0.06	0.18+- 0.02	0.07+- 0.01
069	860426	0.75+- 0.13	8.18+- 0.34	5.50+- 0.26	2.29+- 0.16	0.36+- 0.03
069	860502	0.36+- 0.07	4.00+- 0.17	4.00+- 0.19	1.32+- 0.09	0.24+- 0.02
069	860508	0.57+- 0.10	7.13+- 0.30	2.55+- 0.12	1.92+- 0.13	0.28+- 0.02
069	860514	0.45+- 0.08	13.10+- 0.55	11.52+- 0.55	2.96+- 0.20	0.39+- 0.03
069	860520	0.28+- 0.05	9.03+- 0.38	10.33+- 0.50	2.41+- 0.17	0.37+- 0.03
069	860526	0.32+- 0.06	5.92+- 0.25	12.94+- 0.62	1.71+- 0.12	0.25+- 0.02
069	860601	0.29+- 0.05	3.54+- 0.15	15.26+- 0.73	1.11+- 0.08	0.16+- 0.01
069	860607	0.15+- 0.03	5.52+- 0.23	8.99+- 0.43	1.55+- 0.11	0.22+- 0.02
069	860613	0.57+- 0.10	6.75+- 0.28	6.77+- 0.32	2.41+- 0.17	0.33+- 0.03
069	860619	0.48+- 0.09	6.74+- 0.28	5.26+- 0.25	2.12+- 0.15	0.32+- 0.03
069	860625	0.20+- 0.04	6.72+- 0.28	11.85+- 0.57	1.02+- 0.07	0.21+- 0.02

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
069	860701	0.11+- 0.03	4.17+- 0.18	4.46+- 0.21	1.57+- 0.11	0.24+- 0.02
069	860707	0.45+- 0.08	3.46+- 0.15	2.58+- 0.12	1.31+- 0.09	0.18+- 0.02
069	860713	0.13+- 0.03	2.27+- 0.10	4.09+- 0.20	0.68+- 0.05	0.13+- 0.01
069	860719	0.45+- 0.08	4.21+- 0.18	2.81+- 0.13	1.61+- 0.11	0.25+- 0.02
069	860725	0.38+- 0.07	2.75+- 0.12	3.77+- 0.18	1.05+- 0.07	0.19+- 0.02
069	860731	0.15+- 0.03	5.29+- 0.22	12.08+- 0.58	0.82+- 0.06	0.20+- 0.02
069	860806	0.15+- 0.03	4.44+- 0.19	16.39+- 0.79	1.11+- 0.08	0.18+- 0.02
069	860812	0.13+- 0.03	4.59+- 0.19	10.16+- 0.49	0.91+- 0.07	0.18+- 0.02
069	860818	0.09+- 0.02	2.73+- 0.11	4.20+- 0.20	0.74+- 0.05	0.16+- 0.01
069	860824	0.12+- 0.03	7.62+- 0.32	11.90+- 0.57	1.88+- 0.13	0.28+- 0.02
069	860830	0.38+- 0.07	8.33+- 0.35	6.25+- 0.30	2.47+- 0.17	0.34+- 0.03
069	860905	0.15+- 0.03	6.12+- 0.26	8.18+- 0.39	1.08+- 0.08	0.21+- 0.02
069	860911	0.21+- 0.04	7.30+- 0.31	9.28+- 0.45	1.97+- 0.14	0.30+- 0.03
069	860917	0.37+- 0.07	2.65+- 0.11	1.57+- 0.08	0.95+- 0.07	0.16+- 0.01
069	860923	0.46+- 0.08	4.25+- 0.18	3.36+- 0.16	1.41+- 0.10	0.21+- 0.02
069	860929	0.15+- 0.03	7.67+- 0.32	3.27+- 0.16	0.80+- 0.06	0.14+- 0.01
069	861005	0.09+- 0.02	0.93+- 0.04	1.42+- 0.07	0.23+- 0.02	0.07+- 0.01
069	861011	0.08+- 0.02	3.79+- 0.16	8.64+- 0.41	0.64+- 0.05	0.11+- 0.01
069	861017	0.11+- 0.03	6.55+- 0.27	7.44+- 0.36	0.77+- 0.06	0.13+- 0.01
069	861023	0.16+- 0.03	11.56+- 0.49	7.04+- 0.34	0.94+- 0.07	0.18+- 0.02
069	861029	0.39+- 0.07	19.98+- 0.84	9.12+- 0.44	1.07+- 0.08	0.21+- 0.02
069	861104	0.48+- 0.09	14.06+- 0.59	4.68+- 0.22	1.30+- 0.09	0.27+- 0.02
069	861110	0.14+- 0.03	1.36+- 0.06	1.11+- 0.05	0.26+- 0.02	0.15+- 0.01
069	861116	< 0.05+- 0.02	8.88+- 0.37	2.24+- 0.11	0.22+- 0.02	0.09+- 0.01
069	861122	< 0.05+- 0.02	0.69+- 0.03	0.80+- 0.04	0.18+- 0.02	0.05+- 0.00
069	861128	0.22+- 0.04	8.77+- 0.37	1.53+- 0.07	0.47+- 0.04	0.13+- 0.01
069	861204	0.37+- 0.07	53.99+- 2.27	3.86+- 0.19	0.55+- 0.04	0.27+- 0.02
069	861210	0.32+- 0.06	12.41+- 0.52	2.17+- 0.10	0.23+- 0.02	0.09+- 0.01
069	861216	0.52+- 0.09	16.59+- 0.70	3.94+- 0.19	0.56+- 0.04	0.16+- 0.01
069	861222	0.36+- 0.07	8.30+- 0.35	2.32+- 0.11	0.30+- 0.02	0.12+- 0.01
069	861228	0.08+- 0.02	11.39+- 0.48	1.47+- 0.07	0.32+- 0.03	0.08+- 0.01

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	AL	SI	P	S	CL	K
069	850805	1.0492+0.1276	2.7879+0.3614	0.1333+0.0270	1.9018+0.1032	0.1216+0.0113	0.5137+0.0276
069	850811	0.7415+0.0909	1.7617+0.2287	0.1419+0.0288	3.1794+0.1684	0.0910+0.0115	0.3471+0.0198
069	850817	0.8589+0.1051	2.0250+0.2628	0.1778+0.0359	4.9100+0.2558	0.0000+0.0105	0.3171+0.0183
069	850823	1.8643+0.2264	4.9736+0.6446	0.2102+0.0425	1.9372+0.1093	0.4979+0.0310	0.8284+0.0441
069	850829	1.7193+0.2089	4.6673+0.6049	0.2043+0.0413	2.2913+0.1258	0.5077+0.0315	0.8098+0.0432
069	850904	0.4219+0.0525	1.0786+0.1403	0.0918+0.0189	1.2119+0.0700	1.5047+0.0806	0.2170+0.0133
069	850910	0.7113+0.0875	1.7139+0.2226	0.0831+0.0175	0.9289+0.0575	1.7079+0.0910	0.3147+0.0184
069	850916	1.0671+0.1303	2.9516+0.3828	0.1684+0.0343	2.6338+0.1419	1.3497+0.0733	0.5783+0.0317
069	850922	1.1009+0.1344	2.9325+0.3803	0.1283+0.0264	1.5645+0.0895	0.2892+0.0213	0.5042+0.0279
069	850928	0.5788+0.0715	1.5197+0.1975	0.1050+0.0215	2.1459+0.1170	0.2529+0.0190	0.2432+0.0147
069	851004	1.5263+0.1856	4.0772+0.5285	0.1903+0.0385	1.7968+0.1030	0.1916+0.0170	0.6479+0.0351
069	851010	0.8765+0.1072	2.4428+0.3169	0.0997+0.0204	0.7137+0.0459	0.6782+0.0390	0.4209+0.0236
069	851016	1.6129+0.1960	4.1764+0.5414	0.1769+0.0358	1.5259+0.0877	0.6118+0.0361	0.7163+0.0385
069	851022	0.4931+0.0611	1.5220+0.1977	0.0874+0.0184	0.6902+0.0467	0.2739+0.0193	0.2379+0.0151
069	851028	0.8729+0.1068	2.1616+0.2805	0.2097+0.0424	4.9764+0.2599	0.1645+0.0169	0.3379+0.0195
069	851103	1.1604+0.1415	3.0681+0.3979	0.1541+0.0313	1.2047+0.0739	0.1178+0.0130	0.4969+0.0274
069	851109	0.6343+0.0843	1.6430+0.2287	0.0835+0.0175	1.6741+0.1255	3.3383+0.2404	0.3516+0.0267
069	851115	1.1002+0.1452	3.3465+0.4651	0.0915+0.0192	0.7842+0.0704	0.4609+0.0370	0.6062+0.0449
069	851121	0.9201+0.1219	2.5242+0.3515	0.1054+0.0220	1.2721+0.1020	0.8229+0.0627	0.5622+0.0419
069	851127	0.3201+0.0435	0.7320+0.1024	0.0860+0.0181	3.0163+0.2216	0.1762+0.0183	0.1416+0.0120
069	851203	0.5005+0.0671	0.9899+0.1379	0.0669+0.0141	0.7661+0.0668	0.3016+0.0260	0.2691+0.0208
069	851209	0.4937+0.0661	1.3545+0.1889	0.0377+0.0083	0.4870+0.0451	0.2082+0.0193	0.2264+0.0180
069	851215	0.7265+0.0968	2.1530+0.2999	0.0772+0.0163	0.5615+0.0563	0.3180+0.0275	0.5248+0.0392
069	851221	1.1006+0.1451	3.0592+0.4248	0.1094+0.0228	0.7793+0.0763	0.3946+0.0329	0.5562+0.0411
069	851227	1.0134+0.1343	2.6474+0.3684	0.1530+0.0319	3.7538+0.2806	0.6638+0.0530	0.5135+0.0384

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	AL	SI	P	S	CL	K
069	860102	0.6117+0.0805	1.3862+0.1908	0.1391+0.0289	4.6647+0.3250	0.6723+0.0527	0.3779+0.0284
069	860108	1.3321+0.1728	3.6379+0.4999	0.1062+0.0222	0.5459+0.0654	0.4099+0.0350	0.5989+0.0433
069	860114	1.1995+0.1460	3.1052+0.4031	0.0968+0.0198	1.3084+0.0855	0.8463+0.0506	0.5145+0.0297
069	860120	0.7236+0.0948	1.9738+0.2719	0.1204+0.0251	3.7834+0.2679	0.3266+0.0306	0.3343+0.0256
069	860126	1.2895+0.1670	3.4304+0.4710	0.0895+0.0186	0.8297+0.0744	0.2026+0.0209	0.4158+0.0308
069	860201	0.2313+0.0321	0.4295+0.0598	0.0617+0.0130	1.1942+0.0944	1.5155+0.1082	0.1999+0.0165
069	860207	0.6847+0.0896	1.8689+0.2573	0.0557+0.0119	0.6157+0.0593	0.6026+0.0470	0.3233+0.0248
069	860213	0.1538+0.0219	0.2982+0.0417	0.0301+0.0067	0.6661+0.0579	0.2363+0.0222	0.0809+0.0083
069	860219	0.2142+0.0295	0.5092+0.0707	0.0666+0.0140	0.7777+0.0670	2.8867+0.2008	0.1889+0.0156
069	860225	1.0084+0.1311	2.8166+0.3874	0.1008+0.0210	0.9420+0.0894	0.1468+0.0190	0.4259+0.0317
069	860303	0.7674+0.1002	1.9178+0.2641	0.1269+0.0263	3.9110+0.2753	0.2430+0.0252	0.3363+0.0257
069	860309	0.1992+0.0277	0.4438+0.0617	0.0459+0.0099	0.7798+0.0666	0.6537+0.0500	0.2236+0.0180
069	860315	0.9957+0.1294	0.7186+0.0993	0.0538+0.0114	0.7449+0.0635	1.7517+0.1236	0.1922+0.0158
069	860321	0.7849+0.1024	2.2401+0.3083	0.0651+0.0138	0.5766+0.0577	0.0942+0.0142	0.2934+0.0227
069	860327	1.3251+0.1716	3.6112+0.4957	0.1560+0.0323	3.7750+0.2660	0.1935+0.0228	0.5461+0.0395
069	860402	1.3932+0.1827	3.8946+0.5409	0.0840+0.0176	1.0481+0.0853	0.9058+0.0692	0.5796+0.0436
069	860408	0.3632+0.0490	0.9359+0.1306	0.0427+0.0093	0.7727+0.0692	0.3804+0.0330	0.1856+0.0161
069	860414	1.0211+0.1347	2.7002+0.3762	0.0936+0.0196	1.5564+0.1257	0.4404+0.0377	0.4188+0.0326
069	860420	0.9962+0.1312	2.6219+0.3648	0.0687+0.0146	0.5107+0.0589	0.1503+0.0180	0.3617+0.0283
069	860426	1.0023+0.1319	2.9075+0.4044	0.0983+0.0205	2.2650+0.1710	0.7293+0.0573	0.4686+0.0358
069	860502	1.2016+0.1581	3.2268+0.4492	0.0981+0.0205	1.6847+0.1329	0.4572+0.0386	0.5101+0.0390
069	860508	1.0148+0.1335	2.9489+0.4100	0.0859+0.0180	1.1979+0.0976	0.7483+0.0584	0.4618+0.0354
069	860514	0.9918+0.1307	2.5429+0.3538	0.1448+0.0302	4.7348+0.3454	0.5836+0.0487	0.4506+0.0347
069	860520	1.1740+0.1544	2.9256+0.4071	0.1449+0.0302	4.7439+0.3463	0.2950+0.0296	0.5315+0.0404
069	860526	1.1098+0.1461	2.7003+0.3758	0.1431+0.0299	5.3946+0.3914	0.0571+0.0172	0.4924+0.0376
069	860601	0.8454+0.1115	2.0209+0.2813	0.1273+0.0265	5.6579+0.4091	0.0713+0.0175	0.3252+0.0257
069	860607	1.1673+0.1537	2.6335+0.3668	0.1129+0.0236	3.6010+0.2657	0.2702+0.0267	0.4405+0.0340
069	860613	1.0671+0.1405	2.6429+0.3676	0.1062+0.0222	2.9239+0.2176	0.6809+0.0544	0.4998+0.0381
069	860619	1.4509+0.1903	4.3417+0.6033	0.1170+0.0244	2.2252+0.1691	0.6680+0.0532	0.6926+0.0516
069	860625	1.2244+0.1609	3.1998+0.4450	0.1528+0.0318	4.6015+0.3366	0.3256+0.0313	0.5219+0.0396

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	AL	SI	P	S	CL	K
069	860701	1.1834+0.1556	3.1717+0.4409	0.1075+0.0225	1.9768+0.1525	0.3249+0.0300	0.6310+0.0473
069	860707	0.6199+0.0823	1.6110+0.2246	0.0626+0.0133	1.1973+0.0969	0.8017+0.0625	0.3983+0.0310
069	860713	0.6015+0.0799	1.5205+0.2117	0.0590+0.0127	1.7694+0.1364	0.1972+0.0215	0.2695+0.0219
069	860719	1.0461+0.1377	2.9332+0.4080	0.0973+0.0203	1.4423+0.1152	0.8175+0.0635	0.4782+0.0365
069	860725	0.6813+0.0904	1.8414+0.2565	0.0745+0.0158	1.5000+0.1185	0.5361+0.0442	0.2765+0.0225
069	860731	1.5390+0.2017	4.3863+0.6090	0.1584+0.0329	4.5351+0.3292	0.2668+0.0275	0.6834+0.0508
069	860806	1.3452+0.1772	3.2622+0.4550	0.0218+0.0109	6.5756+0.4801	0.0720+0.0199	0.5041+0.0388
069	860812	1.2526+0.1652	3.0839+0.4301	0.0289+0.0145	3.6655+0.2734	0.1583+0.0223	0.5163+0.0398
069	860818	1.3066+0.1723	3.6771+0.5132	0.0283+0.0143	1.8836+0.1482	0.2097+0.0224	0.5553+0.0426
069	860824	1.1097+0.1464	2.8860+0.4025	0.0295+0.0295	4.5510+0.3345	0.1114+0.0183	0.5015+0.0386
069	860830	1.0117+0.1336	2.7998+0.3904	0.0160+0.0081	2.4022+0.1818	0.4053+0.0352	0.4777+0.0368
069	860905	1.3789+0.1817	3.7290+0.5200	0.0288+0.0289	3.3347+0.2492	0.1953+0.0224	0.7302+0.0549
069	860911	1.4179+0.1866	3.0659+0.4274	0.0241+0.0241	3.4522+0.2565	0.3351+0.0310	0.5095+0.0391
069	860917	1.3055+0.1721	3.5996+0.5021	0.0236+0.0119	0.7883+0.0760	0.6445+0.0520	0.5019+0.0387
069	860923	0.7384+0.0978	2.0532+0.2864	0.0174+0.0088	1.4963+0.1183	0.6223+0.0499	0.3738+0.0294
069	860929	0.8597+0.1138	2.2193+0.3098	0.0126+0.0064	1.4247+0.1180	0.2462+0.0247	0.3687+0.0291
069	861005	0.4054+0.0545	1.1300+0.1580	0.0194+0.0098	0.6133+0.0562	0.1311+0.0156	0.1874+0.0161
069	861011	0.4667+0.0623	1.0899+0.1523	0.0167+0.0167	3.1638+0.2345	0.0962+0.0153	0.1825+0.0156
069	861017	1.0224+0.1349	2.6300+0.3666	0.0365+0.0183	2.7657+0.2076	0.1820+0.0207	0.3982+0.0311
069	861023	1.1039+0.1456	2.9744+0.4145	0.0238+0.0238	2.7037+0.2055	0.2516+0.0258	0.4587+0.0354
069	861029	1.2790+0.1687	3.2809+0.4577	0.0310+0.0156	3.6647+0.2739	0.4750+0.0412	0.6361+0.0483
069	861104	1.6020+0.2107	4.2624+0.5941	0.0291+0.0291	1.9691+0.1571	0.5088+0.0429	0.6709+0.0506
069	861110	1.6032+0.2108	4.3356+0.6041	0.0358+0.0181	0.5126+0.0655	0.2085+0.0224	0.5954+0.0452
069	861116	0.7949+0.1054	2.1152+0.2951	0.0262+0.0131	0.9720+0.0867	0.1270+0.0170	0.3730+0.0294
069	861122	1.3628+0.1793	3.7612+0.5241	0.0146+0.0074	0.4101+0.0412	0.1045+0.0135	0.5201+0.0398
069	861128	0.9643+0.1274	2.5341+0.3532	0.0211+0.0106	0.7285+0.0727	0.2378+0.0241	0.4900+0.0377
069	861204	2.2238+0.2921	6.0408+0.8416	0.0453+0.0228	1.5516+0.1394	0.7177+0.0587	1.0499+0.0778
069	861210	0.9099+0.1203	2.3636+0.3295	0.0209+0.0105	1.0316+0.0908	0.3826+0.0336	0.4976+0.0381
069	861216	1.0426+0.1378	2.7716+0.3868	0.0263+0.0133	1.8615+0.1466	0.5881+0.0483	0.5456+0.0418
069	861222	0.8711+0.1154	2.2229+0.3104	0.0226+0.0114	1.0193+0.0892	0.4340+0.0374	0.4757+0.0368
069	861228	0.7952+0.1055	2.1051+0.2942	0.0155+0.0079	0.7066+0.0640	0.1111+0.0147	0.5171+0.0399

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	CA	TI	V	CR	MN	FE
069	850805	0.8431+0.0437	0.1723+0.0095	0.0130+0.0021	0.0113+0.0012	0.0364+0.0023	1.2761+0.0656
069	850811	0.4565+0.0246	0.0812+0.0052	0.0093+0.0015	0.0056+0.0010	0.0168+0.0015	0.6956+0.0369
069	850817	0.4599+0.0247	0.0944+0.0058	0.0103+0.0018	0.0086+0.0013	0.0220+0.0019	0.8096+0.0426
069	850823	1.4512+0.0748	0.2871+0.0156	0.0212+0.0033	0.0228+0.0021	0.0698+0.0041	2.3449+0.1198
069	850829	1.4477+0.0747	0.2930+0.0157	0.0214+0.0035	0.0244+0.0020	0.0666+0.0040	2.1185+0.1084
069	850904	0.4082+0.0222	0.0724+0.0047	0.0054+0.0014	0.0065+0.0013	0.0156+0.0016	0.5119+0.0277
069	850910	0.5668+0.0303	0.1305+0.0078	0.0086+0.0020	0.0069+0.0018	0.0214+0.0022	0.7708+0.0408
069	850916	0.8847+0.0463	0.2045+0.0115	0.0100+0.0027	0.0124+0.0019	0.0329+0.0027	1.1550+0.0600
069	850922	0.7885+0.0415	0.1460+0.0085	0.0107+0.0022	0.0074+0.0018	0.0412+0.0031	1.2571+0.0652
069	850928	0.4556+0.0246	0.1497+0.0086	0.0059+0.0019	0.0062+0.0014	0.0248+0.0021	0.7366+0.0390
069	851004	1.3755+0.0709	0.2800+0.0152	0.0183+0.0032	0.0198+0.0019	0.0672+0.0040	1.9865+0.1018
069	851010	0.7239+0.0381	0.1297+0.0076	0.0099+0.0019	0.0088+0.0013	0.0306+0.0022	1.0716+0.0558
069	851016	1.5674+0.0805	0.3123+0.0168	0.0217+0.0036	0.0184+0.0018	0.0597+0.0036	1.9334+0.0991
069	851022	3.0643+0.1558	0.0992+0.0060	0.0067+0.0017	0.0078+0.0012	0.0392+0.0026	0.7982+0.0421
069	851028	0.5625+0.0301	0.1187+0.0070	0.0122+0.0019	0.0291+0.0022	0.0311+0.0022	0.9253+0.0485
069	851103	0.8473+0.0443	0.1473+0.0085	0.0136+0.0022	0.0133+0.0016	0.0627+0.0037	1.3965+0.0721
069	851109	0.5429+0.0398	0.0778+0.0063	0.0076+0.0016	0.0090+0.0013	0.0216+0.0022	0.5922+0.0433
069	851115	1.4815+0.1064	0.1751+0.0132	0.0146+0.0027	0.0164+0.0018	0.0680+0.0053	1.3967+0.1004
069	851121	0.8630+0.0629	0.3599+0.0265	0.0105+0.0042	0.0125+0.0015	0.0610+0.0049	1.2353+0.0894
069	851127	0.2669+0.0202	0.2094+0.0157	0.0059+0.0027	0.0061+0.0012	0.0152+0.0019	0.3994+0.0298
069	851203	0.3416+0.0254	0.1242+0.0096	0.0097+0.0021	0.0082+0.0014	0.0405+0.0035	0.6554+0.0477
069	851209	0.4995+0.0368	0.0848+0.0069	0.0077+0.0018	0.0068+0.0013	0.0235+0.0024	0.5710+0.0420
069	851215	0.6148+0.0452	0.1737+0.0132	0.0119+0.0027	0.0094+0.0017	0.0610+0.0050	1.0814+0.0784
069	851221	1.0182+0.0732	0.1662+0.0126	0.0177+0.0028	0.0181+0.0020	0.0906+0.0069	1.7053+0.1218
069	851227	0.8313+0.0604	0.1866+0.0141	0.0238+0.0033	0.0539+0.0044	0.0747+0.0059	1.3396+0.0966

## PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	CA	TI	V	CR	MN	FE
069	860102	0.4475+0.0321	0.0877+0.0071	0.0112+0.0023	0.0089+0.0017	0.0403+0.0036	0.7419+0.0515
069	860108	1.1489+0.0794	0.2587+0.0187	0.0172+0.0038	0.0187+0.0023	0.0760+0.0059	1.7239+0.1179
069	860114	1.1628+0.0608	0.1888+0.0111	0.0179+0.0033	0.0172+0.0021	0.0500+0.0036	1.4417+0.0744
069	860120	0.6267+0.0444	0.1184+0.0093	0.0137+0.0026	0.0111+0.0018	0.0360+0.0033	0.9001+0.0625
069	860126	0.7916+0.0551	0.1137+0.0089	0.0146+0.0026	0.0467+0.0039	0.0574+0.0046	1.1963+0.0819
069	860201	0.1940+0.0152	0.0487+0.0046	0.0045+0.0017	0.0074+0.0015	0.0274+0.0028	0.3433+0.0248
069	860207	0.7107+0.0500	0.0933+0.0075	0.0090+0.0022	0.0074+0.0016	0.0320+0.0031	0.7242+0.0505
069	860213	0.1540+0.0123	0.0327+0.0034	0.0044+0.0014	0.0018+0.0011	0.0187+0.0021	0.2172+0.0162
069	860219	0.2423+0.0184	0.0733+0.0062	0.0079+0.0019	0.0102+0.0015	0.0307+0.0029	0.3599+0.0259
069	860225	1.0410+0.0722	0.2274+0.0166	0.0206+0.0036	0.0361+0.0033	0.0762+0.0059	1.3833+0.0950
069	860303	0.6121+0.0434	0.1417+0.0108	0.0198+0.0031	0.0130+0.0019	0.0413+0.0036	0.9229+0.0639
069	860309	0.2527+0.0190	0.0385+0.0038	0.0061+0.0017	0.0057+0.0014	0.0224+0.0024	0.3006+0.0218
069	860315	0.3320+0.0243	0.0577+0.0051	0.0049+0.0015	0.0076+0.0013	0.0174+0.0019	0.3370+0.0242
069	860321	0.7825+0.0548	0.1419+0.0109	0.0157+0.0028	0.0112+0.0016	0.0473+0.0039	1.0521+0.0727
069	860327	1.0902+0.0751	0.2426+0.0176	0.0255+0.0040	0.0187+0.0022	0.0689+0.0054	1.5728+0.1071
069	860402	1.1636+0.0837	0.1880+0.0145	0.0128+0.0030	0.0093+0.0015	0.0369+0.0034	1.4222+0.1016
069	860408	0.3353+0.0255	0.0521+0.0049	0.0046+0.0016	0.0049+0.0013	0.0205+0.0024	0.4371+0.0323
069	860414	0.9729+0.0709	0.1448+0.0114	0.0168+0.0029	0.0328+0.0031	0.0359+0.0034	1.1635+0.0841
069	860420	0.7280+0.0533	0.1071+0.0088	0.0080+0.0022	0.0194+0.0022	0.0305+0.0030	1.0078+0.0727
069	860426	0.8045+0.0586	0.1244+0.0099	0.0124+0.0025	0.0116+0.0016	0.0297+0.0029	0.9872+0.0711
069	860502	1.0356+0.0753	0.1638+0.0128	0.0171+0.0030	0.0114+0.0016	0.0396+0.0035	1.2954+0.0934
069	860508	0.8783+0.0638	0.1301+0.0104	0.0158+0.0028	0.0120+0.0017	0.0309+0.0030	1.1028+0.0793
069	860514	0.8330+0.0607	0.1560+0.0123	0.0104+0.0028	0.0320+0.0031	0.0347+0.0035	1.1349+0.0816
069	860520	1.0300+0.0748	0.1809+0.0140	0.0146+0.0031	0.0172+0.0022	0.0412+0.0038	1.3039+0.0938
069	860526	0.6416+0.0473	0.1220+0.0099	0.0139+0.0027	0.0084+0.0017	0.0358+0.0034	1.0159+0.0734
069	860601	0.5211+0.0386	0.0888+0.0075	0.0093+0.0021	0.0243+0.0025	0.0239+0.0025	0.8148+0.0590
069	860607	0.6500+0.0480	0.1258+0.0101	0.0124+0.0025	0.0191+0.0022	0.0281+0.0028	0.9406+0.0682
069	860613	0.9297+0.0675	0.1695+0.0132	0.0104+0.0028	0.0142+0.0019	0.0372+0.0034	1.1916+0.0857
069	860619	1.1113+0.0802	0.3083+0.0230	0.0141+0.0041	0.0182+0.0022	0.0402+0.0036	1.5657+0.1120
069	860625	1.1561+0.0835	0.1879+0.0145	0.0156+0.0031	0.0550+0.0046	0.0403+0.0037	1.3662+0.0980

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	CA	TI	V	CR	MN	FE
069	860701	1.1003+0.0795	0.3154+0.0235	0.0228+0.0045	0.0147+0.0021	0.0426+0.0039	1.4114+0.1011
069	860707	0.6089+0.0451	0.2793+0.0211	0.0086+0.0038	0.0103+0.0016	0.0185+0.0022	0.7678+0.0559
069	860713	0.4380+0.0328	0.0710+0.0063	0.0087+0.0021	0.0069+0.0015	0.0200+0.0025	0.7095+0.0515
069	860719	0.8876+0.0646	0.1490+0.0117	0.0142+0.0028	0.0144+0.0019	0.0385+0.0035	1.3067+0.0939
069	860725	0.6307+0.0465	0.1084+0.0089	0.0086+0.0024	0.0091+0.0017	0.0229+0.0027	0.8410+0.0609
069	860731	1.1295+0.0813	0.2289+0.0173	0.0234+0.0039	0.0201+0.0024	0.0479+0.0042	1.7013+0.1212
069	860806	1.0228+0.0749	0.2073+0.0160	0.0219+0.0036	0.0418+0.0038	0.0354+0.0034	1.4008+0.1016
069	860812	1.0426+0.0763	0.1799+0.0141	0.0199+0.0036	0.0308+0.0033	0.0415+0.0041	1.3850+0.1004
069	860818	1.2650+0.0925	0.1809+0.0142	0.0202+0.0033	0.0166+0.0020	0.0456+0.0040	1.6286+0.1183
069	860824	0.8015+0.0590	0.1276+0.0103	0.0183+0.0029	0.0107+0.0017	0.0290+0.0029	1.1524+0.0837
069	860830	0.7645+0.0564	0.1246+0.0101	0.0167+0.0028	0.0115+0.0017	0.0275+0.0028	1.0656+0.0774
069	860905	1.0695+0.0783	0.2080+0.0160	0.0216+0.0036	0.0186+0.0022	0.0431+0.0038	1.6459+0.1191
069	860911	0.9122+0.0668	0.2187+0.0168	0.0197+0.0036	0.0210+0.0023	0.0369+0.0033	1.2492+0.0905
069	860917	1.0708+0.0784	0.1872+0.0146	0.0181+0.0034	0.0314+0.0031	0.0412+0.0038	1.4131+0.1026
069	860923	0.7440+0.0548	0.1023+0.0085	0.0084+0.0021	0.0212+0.0022	0.0253+0.0025	0.8938+0.0652
069	860929	0.8148+0.0601	0.1494+0.0118	0.0144+0.0028	0.0257+0.0027	0.0297+0.0030	1.0991+0.0800
069	861005	0.3862+0.0293	0.0543+0.0051	0.0047+0.0016	0.0075+0.0013	0.0158+0.0020	0.5481+0.0405
069	861011	0.3170+0.0243	0.0520+0.0049	0.0084+0.0018	0.0062+0.0013	0.0121+0.0017	0.4462+0.0331
069	861017	0.7034+0.0519	0.1131+0.0092	0.0163+0.0027	0.0091+0.0016	0.0304+0.0030	1.0593+0.0769
069	861023	0.9429+0.0689	0.1604+0.0126	0.0112+0.0028	0.0310+0.0030	0.0386+0.0036	1.2980+0.0939
069	861029	0.9944+0.0730	0.2023+0.0157	0.0210+0.0036	0.0172+0.0022	0.0446+0.0040	1.5234+0.1105
069	861104	1.3263+0.0964	0.3819+0.0284	0.0284+0.0053	0.0207+0.0024	0.0657+0.0054	1.9479+0.1405
069	861110	1.3502+0.0980	0.2269+0.0174	0.0154+0.0034	0.0227+0.0025	0.0666+0.0054	2.0157+0.1453
069	861116	0.5943+0.0443	0.1203+0.0098	0.0100+0.0025	0.0105+0.0016	0.0420+0.0038	0.9964+0.0725
069	861122	0.6928+0.0512	0.1441+0.0114	0.0070+0.0024	0.0091+0.0015	0.0290+0.0028	1.1754+0.0852
069	861128	0.8729+0.0641	0.1525+0.0121	0.0172+0.0030	0.0115+0.0017	0.0472+0.0041	1.3179+0.0952
069	861204	2.0729+0.1502	0.3948+0.0294	0.0305+0.0055	0.0360+0.0035	0.1219+0.0094	3.1311+0.2248
069	861210	0.7998+0.0590	0.2029+0.0156	0.0197+0.0035	0.0181+0.0022	0.0484+0.0041	1.2145+0.0879
069	861216	1.0027+0.0738	0.1640+0.0129	0.0153+0.0029	0.0175+0.0021	0.0496+0.0042	1.4491+0.1051
069	861222	0.9263+0.0683	0.1666+0.0131	0.0149+0.0030	0.0130+0.0018	0.0530+0.0045	1.4233+0.1032
069	861228	0.5786+0.0436	0.1030+0.0086	0.0106+0.0023	0.0069+0.0013	0.0314+0.0029	0.9980+0.0731



PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	NI	CU	ZN	GA	AS	SE
069	850805	0.0120+0.0014	0.3100+0.0163	0.2506+0.0133	0.0005+0.0013	0.0000+0.0131	0.0014+0.0007
069	850811	0.0094+0.0014	0.1046+0.0062	0.0901+0.0056	0.0010+0.0010	0.0000+0.0069	0.0028+0.0009
069	850817	0.0082+0.0014	0.3055+0.0162	0.2445+0.0133	0.0008+0.0011	0.0000+0.0080	0.0019+0.0009
069	850823	0.0211+0.0022	0.0897+0.0055	0.1692+0.0095	0.0010+0.0019	0.0000+0.0214	0.0049+0.0012
069	850829	0.0217+0.0022	0.1284+0.0074	0.2254+0.0123	0.0015+0.0018	0.0000+0.0178	0.0042+0.0012
069	850904	0.0056+0.0013	0.1580+0.0090	0.3533+0.0187	0.0019+0.0013	0.0000+0.0075	0.0019+0.0010
069	850910	0.0059+0.0018	0.1074+0.0065	0.1224+0.0072	0.0015+0.0014	0.0000+0.0077	0.0028+0.0015
069	850916	0.0083+0.0019	0.1528+0.0087	0.1785+0.0100	0.0000+0.0015	0.0000+0.0100	0.0029+0.0015
069	850922	0.0059+0.0018	0.1772+0.0099	0.1746+0.0098	0.0000+0.0015	0.0093+0.0122	0.0005+0.0015
069	850928	0.0085+0.0017	0.1839+0.0102	0.1552+0.0089	0.0000+0.0013	0.0000+0.0092	0.0035+0.0013
069	851004	0.0126+0.0018	0.1437+0.0083	0.2289+0.0125	0.0045+0.0019	0.0092+0.0200	0.0043+0.0013
069	851010	0.0114+0.0016	0.0904+0.0056	0.0991+0.0059	0.0027+0.0012	0.0000+0.0092	0.0008+0.0009
069	851016	0.0151+0.0019	0.0556+0.0039	0.1303+0.0076	0.0000+0.0015	0.0001+0.0160	0.0036+0.0010
069	851022	0.0049+0.0013	0.1027+0.0062	0.1285+0.0074	0.0032+0.0014	0.0121+0.0112	0.0019+0.0009
069	851028	0.0104+0.0016	0.0926+0.0057	0.1060+0.0064	0.0001+0.0016	0.0000+0.0160	0.0029+0.0009
069	851103	0.0068+0.0013	0.1202+0.0070	0.1370+0.0079	0.0019+0.0019	0.0000+0.0198	0.0013+0.0009
069	851109	0.0046+0.0011	0.1127+0.0087	0.1389+0.0106	0.0012+0.0010	0.0084+0.0050	0.0008+0.0008
069	851115	0.0079+0.0015	0.0887+0.0070	0.1406+0.0107	0.0022+0.0018	0.0000+0.0194	0.0016+0.0011
069	851121	0.0143+0.0018	0.2338+0.0174	0.2659+0.0197	0.0012+0.0016	0.0141+0.0183	0.0046+0.0011
069	851127	0.0100+0.0016	0.2651+0.0196	0.2308+0.0172	0.0000+0.0012	0.0000+0.0087	0.0014+0.0009
069	851203	0.0132+0.0019	0.1363+0.0103	0.1552+0.0117	0.0000+0.0014	0.0025+0.0143	0.0019+0.0011
069	851209	0.0070+0.0015	0.0662+0.0056	0.1220+0.0094	0.0012+0.0012	0.0042+0.0067	0.0013+0.0011
069	851215	0.0107+0.0018	0.1630+0.0124	0.1617+0.0123	0.0000+0.0016	0.0000+0.0185	0.0000+0.0012
069	851221	0.0103+0.0016	0.2463+0.0181	0.2404+0.0178	0.0015+0.0021	0.0000+0.0258	0.0009+0.0011
069	851227	0.0158+0.0021	0.4983+0.0361	0.4395+0.0321	0.0008+0.0029	0.0034+0.0381	0.0011+0.0013

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	NI	CU	ZN	GA	AS	SE
069	860102	0.0062+0.0017	0.0154+0.0035	0.0688+0.0059	0.0000+0.0015	0.0052+0.0139	0.0013+0.0012
069	860108	0.0089+0.0017	0.1541+0.0114	0.2388+0.0170	0.0001+0.0019	0.0027+0.0209	0.0007+0.0012
069	860114	0.0090+0.0016	0.1090+0.0069	0.1570+0.0092	0.0005+0.0015	0.0000+0.0141	0.0011+0.0012
069	860120	0.0084+0.0017	0.2387+0.0171	0.2249+0.0162	0.0000+0.0015	0.0000+0.0143	0.0013+0.0011
069	860126	0.0060+0.0013	0.1159+0.0087	0.1322+0.0098	0.0012+0.0015	0.0000+0.0163	0.0002+0.0008
069	860201	0.0031+0.0013	0.0516+0.0049	0.0621+0.0054	0.0000+0.0013	0.0000+0.0106	0.0017+0.0011
069	860207	0.0055+0.0014	0.0893+0.0072	0.1074+0.0083	0.0000+0.0013	0.0000+0.0111	0.0013+0.0011
069	860213	0.0019+0.0011	0.0590+0.0051	0.0701+0.0057	0.0000+0.0009	0.0041+0.0061	0.0016+0.0009
069	860219	0.0435+0.0039	0.1870+0.0135	0.1873+0.0135	0.0024+0.0013	0.0000+0.0095	0.0014+0.0008
069	860225	0.0168+0.0020	0.1326+0.0099	0.2014+0.0144	0.0005+0.0020	0.0000+0.0236	0.0020+0.0009
069	860303	0.0225+0.0025	0.1187+0.0091	0.1557+0.0114	0.0005+0.0014	0.0002+0.0118	0.0005+0.0009
069	860309	0.0191+0.0023	0.1903+0.0137	0.1414+0.0105	0.0006+0.0012	0.0020+0.0076	0.0000+0.0009
069	860315	0.0256+0.0026	0.2026+0.0145	0.1730+0.0126	0.0005+0.0011	0.0000+0.0080	0.0000+0.0007
069	860321	0.0057+0.0013	0.1203+0.0090	0.1419+0.0105	0.0005+0.0014	0.0014+0.0138	0.0000+0.0008
069	860327	0.0150+0.0020	0.1882+0.0136	0.2194+0.0156	0.0024+0.0019	0.0013+0.0198	0.0032+0.0011
069	860402	0.0080+0.0014	0.1930+0.0143	0.1710+0.0128	0.0004+0.0009	0.0051+0.0060	0.0013+0.0008
069	860408	0.0091+0.0016	0.5438+0.0391	0.4055+0.0295	0.0022+0.0015	0.0000+0.0099	0.0002+0.0010
069	860414	0.0173+0.0021	0.8433+0.0607	0.6754+0.0489	0.0000+0.0020	0.0000+0.0194	0.0015+0.0009
069	860420	0.0180+0.0021	1.3610+0.0970	0.9578+0.0688	0.0027+0.0022	0.0000+0.0180	0.0001+0.0009
069	860426	0.0063+0.0013	0.2391+0.0176	0.1866+0.0140	0.0003+0.0013	0.0000+0.0118	0.0020+0.0009
069	860502	0.0117+0.0016	0.4893+0.0354	0.3947+0.0289	0.0016+0.0015	0.0020+0.0142	0.0018+0.0009
069	860508	0.0095+0.0015	0.4466+0.0323	0.3756+0.0273	0.0015+0.0015	0.0000+0.0116	0.0014+0.0009
069	860514	0.0123+0.0020	0.5686+0.0409	0.4606+0.0334	0.0003+0.0019	0.0115+0.0166	0.0023+0.0013
069	860520	0.0174+0.0022	0.9714+0.0695	0.7339+0.0529	0.0015+0.0020	0.0000+0.0150	0.0020+0.0011
069	860526	0.0176+0.0022	0.5952+0.0429	0.4058+0.0296	0.0000+0.0014	0.0000+0.0100	0.0026+0.0012
069	860601	0.0160+0.0020	0.7445+0.0533	0.5320+0.0385	0.0000+0.0014	0.0049+0.0093	0.0020+0.0009
069	860607	0.0130+0.0018	0.6471+0.0467	0.4697+0.0342	0.0016+0.0015	0.0000+0.0116	0.0008+0.0008
069	860613	0.0179+0.0022	1.0419+0.0744	0.7496+0.0539	0.0013+0.0019	0.0010+0.0135	0.0013+0.0010
069	860619	0.0251+0.0026	0.9033+0.0645	0.6916+0.0497	0.0036+0.0019	0.0000+0.0145	0.0020+0.0010
069	860625	0.0159+0.0019	0.5075+0.0365	0.4012+0.0292	0.0001+0.0019	0.0000+0.0216	0.0015+0.0009

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	NI	CU	ZN	GA	AS	SE
069	860701	0.0151+0.0020	0.8153+0.0582	0.6227+0.0448	0.0023+0.0019	0.0109+0.0136	0.0021+0.0012
069	860707	0.0109+0.0016	0.6489+0.0468	0.4640+0.0338	0.0016+0.0014	0.0000+0.0089	0.0015+0.0009
069	860713	0.0077+0.0016	0.5855+0.0420	0.4208+0.0306	0.0021+0.0015	0.0049+0.0090	0.0009+0.0012
069	860719	0.0115+0.0016	0.7735+0.0554	0.5716+0.0413	0.0006+0.0016	0.0142+0.0139	0.0015+0.0009
069	860725	0.0077+0.0017	0.6083+0.0437	0.4482+0.0326	0.0012+0.0015	0.0026+0.0090	0.0000+0.0012
069	860731	0.0174+0.0021	0.4188+0.0302	0.4713+0.0340	0.0015+0.0017	0.0000+0.0136	0.0018+0.0012
069	860806	0.0176+0.0022	0.5343+0.0389	0.4519+0.0331	0.0030+0.0019	0.0000+0.0182	0.0015+0.0010
069	860812	0.0192+0.0025	0.7749+0.0561	0.5776+0.0421	0.0014+0.0020	0.0066+0.0158	0.0020+0.0015
069	860818	0.0167+0.0021	0.6848+0.0498	0.5336+0.0392	0.0000+0.0017	0.0069+0.0155	0.0029+0.0011
069	860824	0.0181+0.0022	0.3676+0.0270	0.3568+0.0263	0.0006+0.0014	0.0042+0.0097	0.0024+0.0010
069	860830	0.0173+0.0020	0.2073+0.0154	0.1890+0.0142	0.0003+0.0012	0.0089+0.0096	0.0013+0.0009
069	860905	0.0138+0.0019	0.3452+0.0254	0.3148+0.0232	0.0027+0.0016	0.0057+0.0142	0.0015+0.0010
069	860911	0.0144+0.0019	0.1555+0.0118	0.1547+0.0118	0.0010+0.0013	0.0000+0.0121	0.0002+0.0008
069	860917	0.0072+0.0014	0.3282+0.0242	0.2510+0.0188	0.0021+0.0016	0.0057+0.0166	0.0012+0.0010
069	860923	0.0067+0.0012	0.0587+0.0049	0.0764+0.0061	0.0003+0.0012	0.0000+0.0108	0.0000+0.0007
069	860929	0.0118+0.0016	0.2876+0.0213	0.2717+0.0201	0.0001+0.0016	0.0028+0.0176	0.0022+0.0009
069	861005	0.0066+0.0013	0.2520+0.0186	0.1910+0.0144	0.0013+0.0012	0.0000+0.0082	0.0013+0.0008
069	861011	0.0086+0.0014	0.3843+0.0280	0.2808+0.0208	0.0020+0.0012	0.0038+0.0065	0.0018+0.0008
069	861017	0.0105+0.0016	0.3591+0.0263	0.2814+0.0208	0.0008+0.0014	0.0000+0.0120	0.0012+0.0009
069	861023	0.0191+0.0022	0.6471+0.0468	0.5027+0.0366	0.0018+0.0018	0.0187+0.0182	0.0014+0.0010
069	861029	0.0167+0.0022	0.6149+0.0447	0.5136+0.0376	0.0021+0.0019	0.0000+0.0181	0.0030+0.0012
069	861104	0.0152+0.0019	0.2370+0.0176	0.2941+0.0217	0.0014+0.0018	0.0055+0.0216	0.0014+0.0009
069	861110	0.0121+0.0017	0.4142+0.0302	0.3905+0.0286	0.0030+0.0020	0.0000+0.0214	0.0001+0.0009
069	861116	0.0060+0.0013	0.1002+0.0079	0.1076+0.0084	0.0003+0.0015	0.0042+0.0154	0.0012+0.0010
069	861122	0.0036+0.0011	0.1158+0.0090	0.1074+0.0084	0.0003+0.0009	0.0023+0.0044	0.0000+0.0008
069	861128	0.0062+0.0014	0.0918+0.0073	0.1376+0.0105	0.0029+0.0016	0.0072+0.0171	0.0011+0.0010
069	861204	0.0181+0.0024	0.2271+0.0169	0.4498+0.0328	0.0000+0.0029	0.0030+0.0358	0.0024+0.0014
069	861210	0.0142+0.0019	0.1923+0.0144	0.2279+0.0169	0.0018+0.0016	0.0055+0.0174	0.0028+0.0010
069	861216	0.0120+0.0016	0.2607+0.0193	0.3051+0.0226	0.0020+0.0017	0.0000+0.0177	0.0015+0.0009
069	861222	0.0112+0.0017	0.2936+0.0217	0.2714+0.0202	0.0012+0.0016	0.0057+0.0164	0.0007+0.0009
069	861228	0.0036+0.0011	0.0896+0.0072	0.1169+0.0091	0.0002+0.0012	0.0029+0.0106	0.0000+0.0007

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	BR	RB	SR	Y	ZR	MO
069	850805	0.0394+0.0025	0.0020+0.0012	0.0132+0.0015	0.0009+0.0017	0.0000+0.0065	0.0000+0.0047
069	850811	0.0178+0.0018	0.0032+0.0014	0.0065+0.0016	0.0034+0.0019	0.0100+0.0081	0.0006+0.0057
069	850817	0.0222+0.0019	0.0033+0.0015	0.0081+0.0019	0.0000+0.0020	0.0157+0.0093	0.0025+0.0066
069	850823	0.0624+0.0039	0.0041+0.0019	0.0210+0.0023	0.0019+0.0027	0.0109+0.0102	0.0000+0.0076
069	850829	0.0584+0.0037	0.0027+0.0019	0.0196+0.0024	0.0003+0.0026	0.0000+0.0107	0.0084+0.0075
069	850904	0.0229+0.0020	0.0020+0.0016	0.0058+0.0019	0.0000+0.0022	0.0000+0.0103	0.0000+0.0072
069	850910	0.0192+0.0024	0.0019+0.0024	0.0079+0.0031	0.0006+0.0033	0.0000+0.0152	0.0205+0.0114
069	850916	0.0353+0.0031	0.0019+0.0024	0.0175+0.0032	0.0045+0.0033	0.0000+0.0151	0.0000+0.0115
069	850922	0.0392+0.0032	0.0000+0.0024	0.0069+0.0031	0.0000+0.0033	0.0000+0.0159	0.0000+0.0107
069	850928	0.0254+0.0023	0.0013+0.0019	0.0057+0.0022	0.0006+0.0026	0.0000+0.0114	0.0000+0.0085
069	851004	0.0661+0.0042	0.0027+0.0019	0.0192+0.0025	0.0027+0.0029	0.0047+0.0110	0.0000+0.0083
069	851010	0.0242+0.0019	0.0019+0.0014	0.0103+0.0019	0.0004+0.0019	0.0151+0.0088	0.0000+0.0065
069	851016	0.0466+0.0031	0.0023+0.0017	0.0200+0.0021	0.0013+0.0022	0.0000+0.0091	0.0113+0.0062
069	851022	0.0434+0.0030	0.0009+0.0015	0.0081+0.0019	0.0003+0.0021	0.0014+0.0090	0.0000+0.0065
069	851028	0.0402+0.0027	0.0008+0.0016	0.0073+0.0018	0.0032+0.0022	0.0087+0.0087	0.0000+0.0065
069	851103	0.0672+0.0041	0.0036+0.0018	0.0123+0.0019	0.0000+0.0023	0.0000+0.0089	0.0000+0.0066
069	851109	0.0231+0.0022	0.0013+0.0014	0.0070+0.0018	0.0000+0.0020	0.0000+0.0090	0.0050+0.0053
069	851115	0.0873+0.0067	0.0016+0.0020	0.0085+0.0020	0.0000+0.0026	0.0000+0.0104	0.0060+0.0061
069	851121	0.0977+0.0074	0.0014+0.0020	0.0110+0.0020	0.0031+0.0024	0.0000+0.0090	0.0000+0.0054
069	851127	0.0211+0.0022	0.0000+0.0016	0.0015+0.0019	0.0000+0.0023	0.0030+0.0107	0.0005+0.0062
069	851203	0.0720+0.0056	0.0004+0.0020	0.0034+0.0020	0.0000+0.0027	0.0000+0.0113	0.0000+0.0066
069	851209	0.0223+0.0024	0.0005+0.0019	0.0025+0.0021	0.0000+0.0027	0.0000+0.0118	0.0019+0.0070
069	851215	0.0748+0.0059	0.0033+0.0025	0.0096+0.0026	0.0000+0.0033	0.0000+0.0138	0.0039+0.0084
069	851221	0.0960+0.0072	0.0037+0.0023	0.0162+0.0025	0.0002+0.0030	0.0000+0.0113	0.0063+0.0068
069	851227	0.1339+0.0100	0.0034+0.0028	0.0129+0.0027	0.0016+0.0039	0.0000+0.0135	0.0226+0.0083

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	BR	RB	SR	Y	ZR	MO
069	860102	0.0859+0.0063	0.0000+0.0023	0.0108+0.0026	0.0007+0.0030	0.0000+0.0127	0.0135+0.0081
069	860108	0.0970+0.0071	0.0007+0.0023	0.0177+0.0027	0.0000+0.0030	0.0000+0.0122	0.0000+0.0074
069	860114	0.0513+0.0034	0.0016+0.0021	0.0156+0.0026	0.0013+0.0029	0.0000+0.0126	0.0072+0.0077
069	860120	0.0509+0.0040	0.0059+0.0020	0.0095+0.0023	0.0000+0.0028	0.0000+0.0116	0.0000+0.0075
069	860126	0.0561+0.0043	0.0000+0.0016	0.0096+0.0018	0.0022+0.0022	0.0066+0.0087	0.0029+0.0053
069	860201	0.0537+0.0042	0.0024+0.0019	0.0061+0.0021	0.0000+0.0026	0.0000+0.0111	0.0000+0.0071
069	860207	0.0360+0.0031	0.0008+0.0019	0.0195+0.0026	0.0000+0.0026	0.0000+0.0112	0.0000+0.0071
069	860213	0.0259+0.0024	0.0000+0.0015	0.0002+0.0016	0.0000+0.0021	0.0000+0.0092	0.0000+0.0056
069	860219	0.0292+0.0026	0.0012+0.0014	0.0066+0.0018	0.0017+0.0021	0.0000+0.0087	0.0000+0.0057
069	860225	0.0526+0.0041	0.0031+0.0017	0.0146+0.0021	0.0039+0.0026	0.0000+0.0092	0.0000+0.0061
069	860303	0.0389+0.0032	0.0019+0.0018	0.0083+0.0020	0.0037+0.0025	0.0000+0.0104	0.0054+0.0064
069	860309	0.0226+0.0022	0.0000+0.0016	0.0057+0.0020	0.0012+0.0024	0.0000+0.0106	0.0124+0.0068
069	860315	0.0244+0.0023	0.0000+0.0013	0.0072+0.0017	0.0012+0.0020	0.0008+0.0084	0.0000+0.0054
069	860321	0.0353+0.0029	0.0008+0.0015	0.0078+0.0018	0.0004+0.0022	0.0052+0.0092	0.0046+0.0057
069	860327	0.0685+0.0052	0.0027+0.0020	0.0138+0.0023	0.0032+0.0027	0.0000+0.0104	0.0097+0.0065
069	860402	0.0218+0.0021	0.0014+0.0014	0.0101+0.0018	0.0000+0.0021	0.0121+0.0089	0.0000+0.0054
069	860408	0.0261+0.0025	0.0000+0.0017	0.0065+0.0021	0.0000+0.0026	0.0000+0.0107	0.0000+0.0067
069	860414	0.0406+0.0034	0.0004+0.0015	0.0113+0.0020	0.0000+0.0023	0.0000+0.0089	0.0075+0.0055
069	860420	0.0389+0.0033	0.0001+0.0015	0.0088+0.0019	0.0000+0.0024	0.0000+0.0093	0.0000+0.0056
069	860426	0.0435+0.0035	0.0014+0.0016	0.0095+0.0019	0.0000+0.0022	0.0021+0.0088	0.0000+0.0055
069	860502	0.0456+0.0037	0.0028+0.0015	0.0176+0.0022	0.0000+0.0022	0.0011+0.0084	0.0004+0.0053
069	860508	0.0353+0.0030	0.0009+0.0016	0.0118+0.0021	0.0008+0.0023	0.0126+0.0094	0.0021+0.0058
069	860514	0.0411+0.0036	0.0021+0.0021	0.0114+0.0026	0.0000+0.0031	0.0000+0.0128	0.0000+0.0080
069	860520	0.0463+0.0038	0.0015+0.0019	0.0151+0.0023	0.0000+0.0026	0.0000+0.0105	0.0079+0.0067
069	860526	0.0323+0.0029	0.0014+0.0019	0.0112+0.0024	0.0000+0.0027	0.0050+0.0115	0.0000+0.0071
069	860601	0.0265+0.0025	0.0006+0.0015	0.0063+0.0019	0.0000+0.0022	0.0044+0.0093	0.0000+0.0058
069	860607	0.0360+0.0031	0.0009+0.0015	0.0066+0.0018	0.0011+0.0022	0.0128+0.0090	0.0045+0.0056
069	860613	0.0483+0.0040	0.0022+0.0019	0.0121+0.0023	0.0000+0.0027	0.0000+0.0108	0.0094+0.0069
069	860619	0.0407+0.0034	0.0000+0.0016	0.0142+0.0022	0.0000+0.0024	0.0161+0.0100	0.0097+0.0063
069	860625	0.0419+0.0035	0.0016+0.0015	0.0123+0.0018	0.0007+0.0023	0.0078+0.0080	0.0072+0.0051

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	BR	RB	SR	Y	ZR	MO
069	860701	0.0378+0.0033	0.0029+0.0019	0.0152+0.0024	0.0000+0.0028	0.0000+0.0112	0.0056+0.0072
069	860707	0.0239+0.0023	0.0004+0.0015	0.0096+0.0019	0.0000+0.0022	0.0107+0.0092	0.0000+0.0059
069	860713	0.0274+0.0027	0.0000+0.0020	0.0051+0.0024	0.0000+0.0029	0.0000+0.0124	0.0000+0.0079
069	860719	0.0452+0.0037	0.0015+0.0016	0.0119+0.0020	0.0010+0.0023	0.0135+0.0091	0.0037+0.0057
069	860725	0.0247+0.0025	0.0000+0.0020	0.0088+0.0025	0.0000+0.0030	0.0000+0.0127	0.0000+0.0079
069	860731	0.0487+0.0040	0.0024+0.0020	0.0163+0.0025	0.0000+0.0028	0.0000+0.0113	0.0000+0.0070
069	860806	0.0352+0.0031	0.0000+0.0017	0.0139+0.0023	0.0000+0.0027	0.0167+0.0105	0.0005+0.0064
069	860812	0.0364+0.0034	0.0002+0.0025	0.0099+0.0030	0.0000+0.0037	0.0000+0.0155	0.0059+0.0099
069	860818	0.0401+0.0034	0.0019+0.0016	0.0138+0.0021	0.0000+0.0024	0.0058+0.0094	0.0000+0.0058
069	860824	0.0400+0.0034	0.0012+0.0017	0.0105+0.0021	0.0000+0.0025	0.0110+0.0105	0.0000+0.0065
069	860830	0.0328+0.0029	0.0000+0.0016	0.0069+0.0020	0.0000+0.0023	0.0178+0.0100	0.0000+0.0061
069	860905	0.0523+0.0043	0.0005+0.0019	0.0139+0.0023	0.0000+0.0025	0.0000+0.0101	0.0025+0.0064
069	860911	0.0394+0.0033	0.0012+0.0015	0.0134+0.0020	0.0000+0.0022	0.0103+0.0087	0.0069+0.0054
069	860917	0.0366+0.0032	0.0023+0.0017	0.0120+0.0023	0.0017+0.0027	0.0187+0.0107	0.0106+0.0068
069	860923	0.0312+0.0027	0.0005+0.0013	0.0084+0.0017	0.0001+0.0018	0.0088+0.0076	0.0084+0.0049
069	860929	0.0601+0.0048	0.0002+0.0016	0.0102+0.0019	0.0008+0.0023	0.0121+0.0088	0.0000+0.0053
069	861005	0.0209+0.0020	0.0009+0.0014	0.0039+0.0017	0.0000+0.0021	0.0111+0.0089	0.0000+0.0055
069	861011	0.0204+0.0020	0.0000+0.0014	0.0082+0.0018	0.0000+0.0020	0.0000+0.0085	0.0059+0.0053
069	861017	0.0477+0.0039	0.0025+0.0016	0.0081+0.0019	0.0000+0.0023	0.0000+0.0093	0.0001+0.0058
069	861023	0.0624+0.0049	0.0000+0.0018	0.0108+0.0020	0.0000+0.0025	0.0000+0.0097	0.0009+0.0061
069	861029	0.0697+0.0055	0.0028+0.0020	0.0150+0.0024	0.0000+0.0028	0.0000+0.0107	0.0113+0.0069
069	861104	0.0901+0.0068	0.0015+0.0020	0.0150+0.0022	0.0000+0.0025	0.0000+0.0097	0.0001+0.0058
069	861110	0.0690+0.0054	0.0015+0.0018	0.0164+0.0022	0.0000+0.0025	0.0085+0.0092	0.0077+0.0058
069	861116	0.0609+0.0048	0.0000+0.0018	0.0065+0.0020	0.0000+0.0025	0.0155+0.0102	0.0040+0.0064
069	861122	0.0107+0.0015	0.0000+0.0014	0.0063+0.0018	0.0000+0.0021	0.0000+0.0091	0.0000+0.0054
069	861128	0.0643+0.0051	0.0025+0.0020	0.0117+0.0023	0.0000+0.0026	0.0000+0.0101	0.0025+0.0064
069	861204	0.1501+0.0112	0.0014+0.0030	0.0278+0.0035	0.0000+0.0040	0.0000+0.0138	0.0125+0.0089
069	861210	0.0771+0.0059	0.0001+0.0018	0.0156+0.0022	0.0000+0.0024	0.0037+0.0092	0.0000+0.0056
069	861216	0.0805+0.0062	0.0002+0.0017	0.0132+0.0020	0.0000+0.0023	0.0000+0.0087	0.0000+0.0052
069	861222	0.0618+0.0050	0.0006+0.0017	0.0104+0.0020	0.0000+0.0024	0.0056+0.0095	0.0000+0.0059
069	861228	0.0407+0.0034	0.0000+0.0015	0.0058+0.0017	0.0000+0.0021	0.0254+0.0087	0.0000+0.0051

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	PD	AG	CD	IN	SN	SB
069	850805	0.0010+0.0037	0.0104+0.0056	0.0000+0.0078	0.0164+0.0090	0.0143+0.0099	0.0000+0.0184
069	850811	0.0079+0.0051	0.0047+0.0067	0.0183+0.0098	0.0140+0.0113	0.0056+0.0123	0.0000+0.0228
069	850817	0.0023+0.0055	0.0096+0.0077	0.0000+0.0115	0.0000+0.0118	0.0000+0.0151	0.0385+0.0251
069	850823	0.0081+0.0062	0.0108+0.0085	0.0184+0.0120	0.0000+0.0135	0.0323+0.0160	0.0427+0.0277
069	850829	0.0000+0.0059	0.0137+0.0088	0.0000+0.0129	0.0061+0.0141	0.0000+0.0168	0.0090+0.0274
069	850904	0.0006+0.0058	0.0000+0.0090	0.0192+0.0119	0.0000+0.0134	0.0132+0.0156	0.0332+0.0273
069	850910	0.0065+0.0092	0.0293+0.0133	0.0049+0.0175	0.0000+0.0207	0.0113+0.0236	0.0611+0.0419
069	850916	0.0000+0.0088	0.0199+0.0130	0.0242+0.0180	0.0000+0.0207	0.0279+0.0238	0.0355+0.0412
069	850922	0.0000+0.0089	0.0000+0.0124	0.0000+0.0172	0.0000+0.0203	0.0000+0.0231	0.0000+0.0395
069	850928	0.0084+0.0070	0.0065+0.0095	0.0085+0.0134	0.0000+0.0156	0.0237+0.0181	0.0399+0.0315
069	851004	0.0000+0.0062	0.0198+0.0096	0.0070+0.0127	0.0000+0.0148	0.0420+0.0176	0.0244+0.0297
069	851010	0.0000+0.0049	0.0128+0.0076	0.0061+0.0101	0.0114+0.0121	0.0088+0.0134	0.0000+0.0255
069	851016	0.0071+0.0053	0.0089+0.0076	0.0086+0.0101	0.0171+0.0117	0.0207+0.0137	0.0264+0.0240
069	851022	0.0000+0.0051	0.0012+0.0074	0.0153+0.0108	0.0000+0.0116	0.0299+0.0146	0.0275+0.0250
069	851028	0.0022+0.0049	0.0058+0.0074	0.0154+0.0104	0.0189+0.0117	0.0178+0.0135	0.0176+0.0237
069	851103	0.0047+0.0053	0.0096+0.0078	0.0000+0.0110	0.0208+0.0121	0.0233+0.0142	0.0302+0.0249
069	851109	0.0043+0.0058	0.0066+0.0076	0.0000+0.0095	0.0023+0.0117	0.0108+0.0149	0.0000+0.0313
069	851115	0.0000+0.0064	0.0000+0.0082	0.0000+0.0110	0.0159+0.0139	0.0000+0.0168	0.0304+0.0368
069	851121	0.0001+0.0055	0.0062+0.0075	0.0117+0.0099	0.0000+0.0115	0.0278+0.0154	0.0458+0.0327
069	851127	0.0029+0.0067	0.0002+0.0087	0.0097+0.0115	0.0197+0.0143	0.0063+0.0175	0.0015+0.0368
069	851203	0.0058+0.0072	0.0079+0.0095	0.0100+0.0122	0.0147+0.0151	0.0000+0.0180	0.0057+0.0395
069	851209	0.0000+0.0072	0.0059+0.0100	0.0000+0.0126	0.0075+0.0158	0.0000+0.0191	0.0262+0.0423
069	851215	0.0068+0.0089	0.0000+0.0113	0.0111+0.0151	0.0009+0.0182	0.0060+0.0229	0.0000+0.0487
069	851221	0.0071+0.0074	0.0000+0.0090	0.0170+0.0126	0.0151+0.0152	0.0000+0.0185	0.0194+0.0401
069	851227	0.0025+0.0084	0.0019+0.0110	0.0047+0.0144	0.0127+0.0178	0.0000+0.0218	0.0146+0.0471

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	PD	AG	CD	IN	SN	SB
069	860102	0.0000+0.0082	0.0122+0.0107	0.0000+0.0136	0.0000+0.0171	0.0000+0.0211	0.0000+0.0469
069	860108	0.0000+0.0075	0.0000+0.0105	0.0144+0.0133	0.0000+0.0163	0.0134+0.0203	0.0000+0.0429
069	860114	0.0074+0.0082	0.0000+0.0099	0.0002+0.0131	0.0041+0.0169	0.0203+0.0209	0.0000+0.0448
069	860120	0.0011+0.0076	0.0000+0.0094	0.0000+0.0123	0.0000+0.0156	0.0000+0.0193	0.0109+0.0432
069	860126	0.0075+0.0059	0.0023+0.0069	0.0076+0.0093	0.0133+0.0120	0.0175+0.0146	0.0208+0.0321
069	860201	0.0000+0.0071	0.0025+0.0090	0.0000+0.0117	0.0132+0.0153	0.0223+0.0189	0.0146+0.0412
069	860207	0.0000+0.0072	0.0059+0.0092	0.0000+0.0119	0.0110+0.0154	0.0173+0.0189	0.0110+0.0413
069	860213	0.0092+0.0063	0.0111+0.0078	0.0002+0.0098	0.0137+0.0129	0.0000+0.0151	0.0000+0.0338
069	860219	0.0005+0.0057	0.0006+0.0071	0.0182+0.0100	0.0147+0.0123	0.0079+0.0147	0.0616+0.0344
069	860225	0.0080+0.0061	0.0154+0.0079	0.0111+0.0100	0.0158+0.0127	0.0239+0.0156	0.0543+0.0349
069	860303	0.0072+0.0068	0.0114+0.0087	0.0133+0.0113	0.0000+0.0138	0.0290+0.0177	0.0182+0.0383
069	860309	0.0000+0.0065	0.0160+0.0091	0.0000+0.0112	0.0033+0.0146	0.0171+0.0180	0.0000+0.0390
069	860315	0.0053+0.0056	0.0041+0.0069	0.0072+0.0092	0.0121+0.0121	0.0140+0.0142	0.0199+0.0313
069	860321	0.0064+0.0061	0.0000+0.0072	0.0045+0.0098	0.0116+0.0126	0.0229+0.0156	0.0170+0.0337
069	860327	0.0019+0.0067	0.0086+0.0086	0.0056+0.0111	0.0000+0.0138	0.0140+0.0174	0.0095+0.0383
069	860402	0.0001+0.0057	0.0020+0.0076	0.0045+0.0096	0.0000+0.0121	0.0303+0.0152	0.0289+0.0326
069	860408	0.0012+0.0071	0.0000+0.0092	0.0096+0.0119	0.0000+0.0146	0.0156+0.0177	0.0000+0.0387
069	860414	0.0018+0.0058	0.0000+0.0074	0.0135+0.0099	0.0007+0.0122	0.0000+0.0150	0.0430+0.0328
069	860420	0.0000+0.0057	0.0000+0.0073	0.0000+0.0095	0.0000+0.0124	0.0189+0.0150	0.0186+0.0329
069	860426	0.0109+0.0062	0.0002+0.0074	0.0066+0.0096	0.0200+0.0129	0.0109+0.0144	0.0350+0.0326
069	860502	0.0000+0.0050	0.0006+0.0071	0.0000+0.0089	0.0000+0.0116	0.0000+0.0150	0.0115+0.0303
069	860508	0.0001+0.0060	0.0039+0.0080	0.0000+0.0097	0.0059+0.0131	0.0198+0.0153	0.0000+0.0321
069	860514	0.0000+0.0082	0.0135+0.0113	0.0000+0.0137	0.0000+0.0179	0.0207+0.0210	0.0391+0.0469
069	860520	0.0000+0.0068	0.0014+0.0089	0.0197+0.0118	0.0000+0.0144	0.0148+0.0171	0.0402+0.0386
069	860526	0.0029+0.0076	0.0070+0.0099	0.0082+0.0126	0.0000+0.0158	0.0000+0.0184	0.0000+0.0410
069	860601	0.0037+0.0062	0.0033+0.0079	0.0137+0.0104	0.0000+0.0127	0.0167+0.0152	0.0626+0.0353
069	860607	0.0019+0.0059	0.0093+0.0079	0.0101+0.0099	0.0000+0.0122	0.0096+0.0145	0.0380+0.0332
069	860613	0.0000+0.0070	0.0000+0.0091	0.0000+0.0116	0.0000+0.0150	0.0201+0.0178	0.0255+0.0394
069	860619	0.0000+0.0061	0.0000+0.0080	0.0083+0.0107	0.0000+0.0135	0.0189+0.0161	0.0468+0.0363
069	860625	0.0034+0.0053	0.0020+0.0067	0.0154+0.0091	0.0000+0.0107	0.0000+0.0138	0.0000+0.0317



## PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	PD	AG	CD	IN	SN	SB
069	860701	0.0046+0.0075	0.0081+0.0099	0.0010+0.0122	0.0030+0.0159	0.0174+0.0186	0.0141+0.0409
069	860707	0.0037+0.0061	0.0093+0.0080	0.0090+0.0100	0.0094+0.0129	0.0139+0.0149	0.0000+0.0319
069	860713	0.0009+0.0082	0.0000+0.0105	0.0000+0.0134	0.0029+0.0177	0.0131+0.0205	0.0000+0.0442
069	860719	0.0007+0.0058	0.0000+0.0076	0.0000+0.0095	0.0043+0.0127	0.0192+0.0149	0.0000+0.0314
069	860725	0.0026+0.0084	0.0001+0.0108	0.0119+0.0141	0.0000+0.0173	0.0113+0.0208	0.0000+0.0450
069	860731	0.0000+0.0072	0.0025+0.0097	0.0000+0.0121	0.0000+0.0153	0.0270+0.0187	0.0018+0.0405
069	860806	0.0025+0.0067	0.0000+0.0086	0.0100+0.0112	0.0000+0.0142	0.0294+0.0172	0.0528+0.0383
069	860812	0.0000+0.0103	0.0000+0.0131	0.0000+0.0169	0.0000+0.0217	0.0000+0.0253	0.0029+0.0565
069	860818	0.0064+0.0064	0.0073+0.0082	0.0167+0.0106	0.0000+0.0126	0.0171+0.0154	0.0555+0.0354
069	860824	0.0042+0.0069	0.0010+0.0088	0.0001+0.0112	0.0000+0.0142	0.0032+0.0168	0.0000+0.0372
069	860830	0.0020+0.0065	0.0000+0.0080	0.0005+0.0106	0.0000+0.0135	0.0241+0.0164	0.0093+0.0354
069	860905	0.0049+0.0068	0.0098+0.0089	0.0042+0.0111	0.0000+0.0140	0.0228+0.0169	0.0020+0.0366
069	860911	0.0033+0.0058	0.0123+0.0077	0.0098+0.0096	0.0109+0.0122	0.0134+0.0141	0.0000+0.0300
069	860917	0.0000+0.0067	0.0068+0.0092	0.0075+0.0115	0.0000+0.0146	0.0191+0.0173	0.0509+0.0392
069	860923	0.0048+0.0051	0.0055+0.0066	0.0002+0.0081	0.0063+0.0106	0.0123+0.0124	0.0519+0.0289
069	860929	0.0000+0.0056	0.0102+0.0078	0.0103+0.0096	0.0000+0.0119	0.0196+0.0144	0.0140+0.0315
069	861005	0.0104+0.0063	0.0000+0.0072	0.0157+0.0101	0.0000+0.0119	0.0000+0.0141	0.0084+0.0319
069	861011	0.0000+0.0052	0.0102+0.0075	0.0000+0.0088	0.0053+0.0118	0.0121+0.0138	0.0000+0.0299
069	861017	0.0002+0.0060	0.0058+0.0079	0.0138+0.0103	0.0000+0.0127	0.0170+0.0151	0.0283+0.0337
069	861023	0.0037+0.0064	0.0064+0.0085	0.0154+0.0110	0.0000+0.0130	0.0320+0.0165	0.0545+0.0367
069	861029	0.0035+0.0071	0.0000+0.0089	0.0000+0.0114	0.0000+0.0147	0.0252+0.0179	0.0212+0.0391
069	861104	0.0055+0.0062	0.0069+0.0080	0.0157+0.0104	0.0076+0.0131	0.0256+0.0156	0.0199+0.0341
069	861110	0.0017+0.0060	0.0000+0.0076	0.0010+0.0098	0.0109+0.0129	0.0066+0.0149	0.0000+0.0327
069	861116	0.0003+0.0066	0.0000+0.0083	0.0000+0.0107	0.0000+0.0137	0.0098+0.0164	0.0000+0.0360
069	861122	0.0029+0.0059	0.0054+0.0077	0.0056+0.0097	0.0000+0.0121	0.0239+0.0148	0.0296+0.0326
069	861128	0.0000+0.0063	0.0000+0.0081	0.0000+0.0110	0.0000+0.0141	0.0150+0.0170	0.0050+0.0375
069	861204	0.0000+0.0091	0.0000+0.0115	0.0093+0.0154	0.0000+0.0193	0.0225+0.0233	0.0082+0.0514
069	861210	0.0000+0.0056	0.0025+0.0078	0.0114+0.0102	0.0000+0.0122	0.0209+0.0154	0.0452+0.0347
069	861216	0.0058+0.0058	0.0110+0.0075	0.0179+0.0098	0.0000+0.0115	0.0281+0.0147	0.0102+0.0313
069	861222	0.0039+0.0064	0.0118+0.0085	0.0069+0.0104	0.0000+0.0133	0.0241+0.0161	0.0123+0.0350
069	861228	0.0001+0.0055	0.0000+0.0071	0.0199+0.0099	0.0000+0.0115	0.0000+0.0136	0.0000+0.0302

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	BA	LA	HG	PB
069	850805	0.0000+0.0487	0.0000+0.0724	0.0028+0.0014	0.2236+0.0126
069	850811	0.1190+0.0608	0.1421+0.0906	0.0000+0.0014	0.1032+0.0074
069	850817	0.0247+0.0668	0.0914+0.1009	0.0006+0.0016	0.1241+0.0086
069	850823	0.1162+0.0752	0.0000+0.1148	0.0033+0.0021	0.3692+0.0206
069	850829	0.0919+0.0767	0.2173+0.1168	0.0000+0.0019	0.3022+0.0173
069	850904	0.0000+0.0728	0.1732+0.1127	0.0001+0.0018	0.1122+0.0082
069	850910	0.0000+0.1118	0.0000+0.1688	0.0000+0.0026	0.1038+0.0095
069	850916	0.0000+0.1116	0.0000+0.1678	0.0006+0.0027	0.1508+0.0111
069	850922	0.0000+0.1094	0.0000+0.1638	0.0018+0.0028	0.1941+0.0130
069	850928	0.0000+0.0840	0.1026+0.1281	0.0005+0.0021	0.1418+0.0099
069	851004	0.0502+0.0813	0.0969+0.1223	0.0000+0.0019	0.3424+0.0193
069	851010	0.0494+0.0645	0.0000+0.1034	0.0023+0.0018	0.1453+0.0096
069	851016	0.0000+0.0670	0.0680+0.0996	0.0006+0.0015	0.2724+0.0157
069	851022	0.0000+0.0680	0.1300+0.1050	0.0033+0.0018	0.1836+0.0113
069	851028	0.0000+0.0665	0.0556+0.0990	0.0019+0.0017	0.2690+0.0154
069	851103	0.0000+0.0693	0.0459+0.1025	0.0021+0.0017	0.3386+0.0189
069	851109	0.0899+0.0625	0.0000+0.1099	0.0007+0.0011	0.0692+0.0069
069	851115	0.0636+0.0707	0.0000+0.1248	0.0002+0.0013	0.3378+0.0253
069	851121	0.0994+0.0622	0.0909+0.1108	0.0024+0.0013	0.3159+0.0238
069	851127	0.0000+0.0698	0.0264+0.1298	0.0001+0.0013	0.1374+0.0116
069	851203	0.0000+0.0747	0.0628+0.1393	0.0000+0.0013	0.2434+0.0187
069	851209	0.0000+0.0798	0.0000+0.1466	0.0013+0.0015	0.0977+0.0092
069	851215	0.0000+0.0930	0.0000+0.1681	0.0011+0.0018	0.3178+0.0243
069	851221	0.0232+0.0769	0.0000+0.1388	0.0002+0.0014	0.4547+0.0334
069	851227	0.0623+0.0916	0.0000+0.1625	0.0011+0.0018	0.6781+0.0495

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	BA	LA	HG	PB
069	860102	0.0076+0.0902	0.0000+0.1650	0.0008+0.0016	0.2327+0.0176
069	860108	0.0524+0.0856	0.0000+0.1542	0.0001+0.0015	0.3629+0.0261
069	860114	0.0341+0.0870	0.0000+0.1592	0.0004+0.0016	0.2376+0.0142
069	860120	0.0000+0.0818	0.0000+0.1512	0.0000+0.0014	0.2434+0.0182
069	860126	0.1131+0.0621	0.1138+0.1126	0.0001+0.0012	0.2819+0.0204
069	860201	0.0197+0.0780	0.0000+0.1428	0.0005+0.0014	0.1738+0.0136
069	860207	0.0066+0.0783	0.0000+0.1410	0.0006+0.0014	0.1832+0.0142
069	860213	0.0129+0.0649	0.0000+0.1192	0.0011+0.0013	0.0890+0.0080
069	860219	0.0000+0.0644	0.1582+0.1164	0.0007+0.0012	0.1539+0.0121
069	860225	0.0000+0.0666	0.2041+0.1207	0.0008+0.0013	0.4153+0.0294
069	860303	0.0338+0.0727	0.0862+0.1347	0.0007+0.0014	0.1961+0.0150
069	860309	0.0028+0.0747	0.0000+0.1379	0.0000+0.0013	0.1167+0.0099
069	860315	0.0065+0.0584	0.1026+0.1098	0.0004+0.0011	0.1285+0.0103
069	860321	0.1187+0.0657	0.0133+0.1172	0.0000+0.0012	0.2345+0.0173
069	860327	0.0000+0.0758	0.0000+0.1332	0.0021+0.0015	0.3439+0.0245
069	860402	0.0000+0.0630	0.0978+0.1104	0.0008+0.0012	0.0899+0.0082
069	860408	0.1199+0.0757	0.0000+0.1327	0.0006+0.0014	0.1594+0.0130
069	860414	0.0912+0.0613	0.0544+0.1087	0.0000+0.0011	0.3377+0.0253
069	860420	0.0754+0.0628	0.1927+0.1152	0.0000+0.0012	0.3135+0.0235
069	860426	0.0807+0.0613	0.0000+0.1137	0.0000+0.0010	0.1985+0.0154
069	860502	0.0784+0.0585	0.1646+0.1068	0.0004+0.0012	0.2417+0.0185
069	860508	0.0374+0.0634	0.1549+0.1167	0.0012+0.0013	0.1933+0.0151
069	860514	0.0000+0.0869	0.0757+0.1593	0.0007+0.0016	0.2835+0.0217
069	860520	0.0673+0.0722	0.1441+0.1313	0.0027+0.0015	0.2562+0.0197
069	860526	0.0000+0.0771	0.0621+0.1429	0.0000+0.0014	0.1616+0.0133
069	860601	0.0000+0.0628	0.1708+0.1174	0.0017+0.0013	0.1507+0.0122
069	860607	0.0195+0.0608	0.0873+0.1113	0.0000+0.0011	0.1954+0.0153
069	860613	0.0650+0.0746	0.0000+0.1321	0.0000+0.0013	0.2263+0.0176
069	860619	0.0856+0.0677	0.1970+0.1237	0.0024+0.0014	0.2473+0.0189
069	860625	0.0476+0.0547	0.1031+0.0996	0.0002+0.0010	0.3776+0.0280

PM10 CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	BA	LA	HG	PB
069	860701	0.0235+0.0773	0.0994+0.1409	0.0005+0.0015	0.2289+0.0178
069	860707	0.0615+0.0626	0.0301+0.1119	0.0002+0.0012	0.1447+0.0119
069	860713	0.0000+0.0850	0.0000+0.1536	0.0000+0.0015	0.1415+0.0122
069	860719	0.0716+0.0623	0.1999+0.1146	0.0009+0.0013	0.2347+0.0180
069	860725	0.0494+0.0879	0.0000+0.1571	0.0000+0.0015	0.1389+0.0121
069	860731	0.0774+0.0780	0.0000+0.1391	0.0010+0.0015	0.2286+0.0177
069	860806	0.0376+0.0702	0.0124+0.1264	0.0008+0.0014	0.3157+0.0239
069	860812	0.0000+0.1060	0.0000+0.1940	0.0000+0.0018	0.2654+0.0210
069	860818	0.0594+0.0648	0.1591+0.1186	0.0000+0.0010	0.2657+0.0205
069	860824	0.0810+0.0721	0.0348+0.1289	0.0000+0.0013	0.1565+0.0129
069	860830	0.0000+0.0660	0.0092+0.1212	0.0000+0.0012	0.1544+0.0126
069	860905	0.0124+0.0695	0.0000+0.1248	0.0014+0.0014	0.2414+0.0187
069	860911	0.0882+0.0600	0.0845+0.1070	0.0000+0.0010	0.2050+0.0160
069	860917	0.0671+0.0726	0.0000+0.1289	0.0005+0.0014	0.2857+0.0219
069	860923	0.0000+0.0540	0.0000+0.1011	0.0013+0.0010	0.1823+0.0144
069	860929	0.0828+0.0606	0.1651+0.1103	0.0000+0.0010	0.3044+0.0231
069	861005	0.1154+0.0625	0.0000+0.1138	0.0014+0.0012	0.1313+0.0109
069	861011	0.0661+0.0582	0.1914+0.1073	0.0015+0.0012	0.1007+0.0088
069	861017	0.0525+0.0632	0.1111+0.1150	0.0000+0.0012	0.2012+0.0158
069	861023	0.0198+0.0666	0.0348+0.1209	0.0022+0.0014	0.3133+0.0237
069	861029	0.0540+0.0741	0.0556+0.1336	0.0000+0.0014	0.3131+0.0238
069	861104	0.1148+0.0651	0.1482+0.1166	0.0009+0.0014	0.3774+0.0282
069	861110	0.0000+0.0649	0.1082+0.1138	0.0006+0.0013	0.3749+0.0280
069	861116	0.0739+0.0695	0.1113+0.1254	0.0000+0.0013	0.2627+0.0202
069	861122	0.1117+0.0625	0.1051+0.1111	0.0007+0.0012	0.0559+0.0061
069	861128	0.0118+0.0717	0.0000+0.1243	0.0000+0.0014	0.3002+0.0227
069	861204	0.0357+0.0986	0.0000+0.1737	0.0010+0.0020	0.6493+0.0477
069	861210	0.1142+0.0659	0.1285+0.1153	0.0000+0.0013	0.3082+0.0233
069	861216	0.0917+0.0611	0.0000+0.1095	0.0009+0.0013	0.3143+0.0238
069	861222	0.0000+0.0695	0.0793+0.1192	0.0028+0.0015	0.2892+0.0221
069	861228	0.0749+0.0603	0.1339+0.1073	0.0012+0.0013	0.1799+0.0143



## Part C

PM<sub>10</sub> Concentrations Measured at Long Beach

This section contains data on PM<sub>10</sub> mass concentration and chemical composition measured at Long Beach. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule over the period August 1985 - December 1986. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following PM<sub>10</sub> ( $d_p < 10 \mu\text{m AD}$ ) aerosol species: PM<sub>10</sub> mass, organic carbon (OC), elemental carbon (EC), total carbon ( $\text{TC} = \text{OC} + \text{EC}$ ),  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ ,  $\text{Mg}^{++}$ , Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.99 \pm -9.99$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol < are determined to be below their detection limit. In that case, the measured concentration is bounded up to the sample detection limit and the error bound is determined by statistically propagating the sampling and analysis precisions for that sample. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol < has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by  $\text{Cl}^-$ , while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Water soluble PM<sub>10</sub>  $\text{Br}^-$  aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	MASS	OC	EC	TC	NH4+
072	850805	47.51+- 2.86	7.43+- 0.61	1.56+- 0.32	8.99+- 0.27	2.86+- 0.11
072	850811	30.71+- 2.85	5.26+- 0.50	0.54+- 0.27	5.80+- 0.17	1.78+- 0.07
072	850817	26.62+- 2.84	4.41+- 0.46	0.84+- 0.28	5.25+- 0.16	2.58+- 0.10
072	850823	65.00+- 2.86	13.57+- 0.92	3.96+- 0.44	17.54+- 0.53	2.18+- 0.09
072	850829	59.24+- 2.87	10.32+- 0.76	2.64+- 0.37	12.97+- 0.39	1.94+- 0.08
072	850904	27.66+- 2.86	5.02+- 0.49	1.56+- 0.32	6.57+- 0.20	1.05+- 0.04
072	850910	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99
072	850916	51.06+- 2.83	4.89+- 0.48	1.20+- 0.30	6.09+- 0.18	1.54+- 0.06
072	850922	44.82+- 2.84	7.47+- 0.61	1.08+- 0.30	8.55+- 0.26	2.15+- 0.09
072	850928	30.29+- 2.91	5.76+- 0.53	1.35+- 0.31	7.10+- 0.21	1.60+- 0.06
072	851004	49.18+- 2.91	13.04+- 0.90	3.81+- 0.44	16.85+- 0.51	1.88+- 0.08
072	851010	39.97+- 2.89	8.84+- 0.68	3.27+- 0.41	12.11+- 0.36	0.43+- 0.02
072	851016	46.79+- 2.90	12.48+- 0.87	2.91+- 0.39	15.39+- 0.46	1.16+- 0.05
072	851022	35.24+- 2.89	11.33+- 0.81	3.53+- 0.42	14.86+- 0.45	1.07+- 0.04
072	851028	48.62+- 2.90	10.64+- 0.78	3.06+- 0.40	13.69+- 0.41	4.65+- 0.19
072	851103	77.82+- 2.93	16.83+- 1.09	2.68+- 0.38	19.51+- 0.59	4.68+- 0.19
072	851109	32.85+- 2.90	5.17+- 0.50	1.34+- 0.31	6.51+- 0.20	0.75+- 0.03
072	851115	58.55+- 2.91	17.88+- 1.14	4.74+- 0.48	22.62+- 0.68	2.06+- 0.08
072	851121	69.49+- 2.92	14.89+- 0.99	3.91+- 0.44	18.80+- 0.56	5.81+- 0.23
072	851127	35.93+- 2.89	7.51+- 0.62	2.46+- 0.37	9.98+- 0.30	3.46+- 0.14
072	851203	30.91+- 2.87	9.46+- 0.72	3.40+- 0.41	12.85+- 0.39	1.68+- 0.07
072	851209	35.12+- 2.88	11.72+- 0.83	3.66+- 0.43	15.38+- 0.46	1.33+- 0.05
072	851215	55.51+- 2.91	14.46+- 0.97	3.19+- 0.40	17.65+- 0.53	2.60+- 0.10
072	851221	142.05+- 3.04	29.06+- 1.70	7.06+- 0.60	36.13+- 1.08	12.11+- 0.48
072	851227	128.55+- 3.03	18.80+- 1.18	5.37+- 0.51	24.17+- 0.73	14.72+- 0.59

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	MASS	OC	EC	TC	NH4+
072	860102	72.50+- 2.91	10.28+- 0.76	3.27+- 0.41	13.56+- 0.41	8.42+- 0.34
072	860108	71.05+- 2.92	17.43+- 1.11	7.45+- 0.61	24.88+- 0.75	1.02+- 0.04
072	860114	54.07+- 2.89	11.24+- 0.80	3.55+- 0.42	14.80+- 0.44	2.17+- 0.09
072	860120	65.34+- 2.91	11.49+- 0.82	2.99+- 0.39	14.48+- 0.43	6.68+- 0.27
072	860126	43.57+- 2.86	12.62+- 0.87	3.01+- 0.39	15.64+- 0.47	0.61+- 0.02
072	860201	41.46+- 2.89	9.67+- 0.73	2.07+- 0.35	11.74+- 0.35	2.99+- 0.12
072	860207	42.09+- 2.88	10.65+- 0.77	3.57+- 0.42	14.22+- 0.43	0.47+- 0.02
072	860213	27.55+- 2.90	5.08+- 0.50	1.78+- 0.33	6.86+- 0.21	2.50+- 0.10
072	860219	26.16+- 2.88	4.22+- 0.45	1.27+- 0.31	5.49+- 0.16	0.56+- 0.02
072	860225	96.97+- 2.91	18.24+- 1.15	6.07+- 0.54	24.32+- 0.73	6.29+- 0.25
072	860303	47.49+- 2.89	8.39+- 0.66	2.56+- 0.37	10.96+- 0.33	4.74+- 0.19
072	860309	32.78+- 2.90	4.94+- 0.49	1.00+- 0.30	5.94+- 0.18	0.84+- 0.03
072	860315	30.64+- 2.86	7.52+- 0.62	1.60+- 0.32	9.12+- 0.27	0.73+- 0.03
072	860321	46.82+- 2.87	14.00+- 0.94	4.65+- 0.47	18.65+- 0.56	0.85+- 0.03
072	860327	131.00+- 3.02	21.29+- 1.31	4.73+- 0.48	26.01+- 0.78	13.26+- 0.53
072	860402	-9.99+-9.99	6.96+- 0.59	1.57+- 0.32	8.53+- 0.26	0.76+- 0.03
072	860408	25.27+- 2.86	6.83+- 0.58	2.07+- 0.34	8.90+- 0.27	0.83+- 0.03
072	860414	37.51+- 2.87	9.11+- 0.70	2.69+- 0.38	11.80+- 0.35	1.43+- 0.06
072	860420	34.62+- 2.83	10.50+- 0.76	2.14+- 0.35	12.63+- 0.38	0.95+- 0.04
072	860426	37.78+- 2.88	6.79+- 0.58	1.03+- 0.29	7.82+- 0.23	1.59+- 0.06
072	860502	46.43+- 2.87	7.57+- 0.62	1.88+- 0.33	9.45+- 0.28	1.09+- 0.04
072	860508	46.05+- 2.86	7.33+- 0.61	1.88+- 0.33	9.21+- 0.28	1.40+- 0.06
072	860514	41.63+- 2.87	6.21+- 0.55	1.34+- 0.31	7.55+- 0.23	2.60+- 0.10
072	860520	40.09+- 2.88	5.90+- 0.54	1.10+- 0.30	7.00+- 0.21	3.00+- 0.12
072	860526	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
072	860601	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
072	860607	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
072	860613	43.61+- 2.89	7.30+- 0.61	1.52+- 0.32	8.82+- 0.26	2.31+- 0.09
072	860619	50.48+- 2.90	8.17+- 0.65	1.61+- 0.32	9.77+- 0.29	1.48+- 0.06
072	860625	55.55+- 6.42	10.17+- 1.05	2.19+- 0.65	12.35+- 0.37	6.38+- 0.26



PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	MASS	OC	EC	TC	NH4+
072	860701	43.74+- 2.85	8.17+- 0.66	3.06+- 0.40	11.23+- 0.34	1.56+- 0.06
072	860707	34.08+- 2.87	5.47+- 0.52	1.97+- 0.34	7.44+- 0.22	1.13+- 0.05
072	860713	51.57+- 2.89	8.11+- 0.65	1.83+- 0.33	9.94+- 0.30	2.93+- 0.12
072	860719	48.37+- 2.87	6.55+- 0.57	2.24+- 0.35	8.79+- 0.26	1.42+- 0.06
072	860725	24.91+- 2.85	3.79+- 0.43	1.38+- 0.31	5.18+- 0.16	1.19+- 0.05
072	860731	71.61+- 2.91	8.36+- 0.66	3.82+- 0.43	12.19+- 0.37	7.99+- 0.32
072	860806	45.27+- 2.86	6.88+- 0.59	2.64+- 0.37	9.52+- 0.29	4.16+- 0.17
072	860812	47.38+- 2.87	7.01+- 0.59	2.39+- 0.36	9.40+- 0.28	3.73+- 0.15
072	860818	50.33+- 2.85	11.54+- 0.82	4.25+- 0.45	15.79+- 0.47	1.86+- 0.07
072	860824	39.52+- 2.86	5.76+- 0.53	1.48+- 0.32	7.25+- 0.22	3.19+- 0.13
072	860830	41.48+- 2.84	6.07+- 0.54	1.25+- 0.30	7.32+- 0.22	1.99+- 0.08
072	860905	57.92+- 2.87	9.10+- 0.69	2.96+- 0.39	12.06+- 0.36	4.67+- 0.19
072	860911	39.44+- 2.84	6.63+- 0.57	1.75+- 0.33	8.38+- 0.25	2.19+- 0.09
072	860917	37.12+- 2.85	8.13+- 0.65	2.63+- 0.37	10.76+- 0.32	0.85+- 0.03
072	860923	33.28+- 2.87	6.24+- 0.55	2.28+- 0.36	8.52+- 0.26	1.03+- 0.04
072	860929	44.46+- 2.88	11.21+- 0.80	4.09+- 0.45	15.30+- 0.46	1.53+- 0.06
072	861005	41.56+- 2.86	12.29+- 0.85	3.53+- 0.42	15.82+- 0.47	1.63+- 0.07
072	861011	30.86+- 2.87	5.76+- 0.53	1.55+- 0.32	7.31+- 0.22	2.28+- 0.09
072	861017	46.30+- 2.87	9.90+- 0.74	3.58+- 0.42	13.49+- 0.40	2.86+- 0.11
072	861023	54.14+- 2.87	8.82+- 0.68	3.44+- 0.41	12.26+- 0.37	4.01+- 0.16
072	861029	62.43+- 2.89	10.33+- 0.76	3.92+- 0.44	14.25+- 0.43	5.13+- 0.21
072	861104	53.06+- 2.88	10.78+- 0.78	4.18+- 0.45	14.96+- 0.45	2.70+- 0.11
072	861110	55.11+- 2.89	15.32+- 1.01	6.61+- 0.57	21.92+- 0.66	0.88+- 0.04
072	861116	-9.99+-9.99	15.51+- 1.02	4.64+- 0.47	20.15+- 0.60	6.73+- 0.27
072	861122	27.80+- 2.86	8.93+- 0.69	2.48+- 0.37	11.41+- 0.34	0.66+- 0.03
072	861128	63.80+- 2.88	17.89+- 1.14	6.33+- 0.56	24.22+- 0.73	5.55+- 0.22
072	861204	129.60+- 3.01	19.88+- 1.24	8.34+- 0.66	28.22+- 0.85	14.20+- 0.57
072	861210	104.50+- 2.95	26.47+- 1.57	11.44+- 0.81	37.91+- 1.14	6.28+- 0.25
072	861216	72.29+- 2.90	19.92+- 1.24	7.90+- 0.64	27.82+- 0.83	4.38+- 0.18
072	861222	59.57+- 2.88	16.10+- 1.05	6.68+- 0.58	22.78+- 0.68	3.03+- 0.12
072	861228	105.52+- 2.99	29.52+- 1.72	8.01+- 0.65	37.53+- 1.13	8.56+- 0.34

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	CL-	NO3-	SO4=	NA+
072	850805	0.22+- 0.03	3.10+- 0.19	9.47+- 0.45	1.46+- 0.12
072	850811	0.79+- 0.09	3.56+- 0.22	5.77+- 0.28	2.28+- 0.17
072	850817	0.13+- 0.02	1.30+- 0.08	7.81+- 0.37	0.83+- 0.07
072	850823	0.56+- 0.07	6.19+- 0.37	7.58+- 0.36	2.84+- 0.21
072	850829	0.86+- 0.10	8.17+- 0.49	7.69+- 0.37	3.53+- 0.26
072	850904	1.74+- 0.21	2.35+- 0.15	2.88+- 0.14	2.01+- 0.15
072	850910	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99
072	850916	3.40+- 0.41	7.19+- 0.43	5.24+- 0.25	4.34+- 0.31
072	850922	1.24+- 0.15	6.12+- 0.37	5.69+- 0.27	2.67+- 0.20
072	850928	0.72+- 0.09	2.70+- 0.17	5.30+- 0.25	1.25+- 0.10
072	851004	0.44+- 0.05	3.81+- 0.23	5.12+- 0.25	1.17+- 0.10
072	851010	1.00+- 0.12	2.31+- 0.14	2.59+- 0.12	1.23+- 0.10
072	851016	1.66+- 0.20	4.80+- 0.29	2.99+- 0.14	1.64+- 0.13
072	851022	0.72+- 0.09	3.29+- 0.20	2.31+- 0.11	0.90+- 0.08
072	851028	0.35+- 0.04	6.90+- 0.41	10.02+- 0.48	0.98+- 0.08
072	851103	0.23+- 0.03	12.75+- 0.76	5.65+- 0.27	1.15+- 0.10
072	851109	4.08+- 0.49	3.65+- 0.22	3.22+- 0.15	3.65+- 0.27
072	851115	0.82+- 0.10	6.99+- 0.42	1.81+- 0.09	0.77+- 0.07
072	851121	1.20+- 0.14	18.53+- 1.10	2.79+- 0.13	1.60+- 0.13
072	851127	0.82+- 0.10	6.88+- 0.41	7.14+- 0.34	0.90+- 0.08
072	851203	0.84+- 0.10	4.15+- 0.25	2.16+- 0.10	0.58+- 0.06
072	851209	0.61+- 0.07	4.13+- 0.25	1.79+- 0.09	0.62+- 0.06
072	851215	1.02+- 0.12	9.16+- 0.55	2.10+- 0.10	0.77+- 0.07
072	851221	0.76+- 0.09	39.71+- 2.35	5.53+- 0.27	0.58+- 0.06
072	851227	0.94+- 0.11	33.46+- 1.98	14.56+- 0.70	0.64+- 0.06

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
072	860102	1.06+- 0.18	21.81+- 0.92	7.42+- 0.36	0.83+- 0.06	0.14+- 0.01
072	860108	0.49+- 0.09	5.22+- 0.22	1.73+- 0.08	0.41+- 0.03	0.14+- 0.01
072	860114	1.96+- 0.34	8.11+- 0.34	3.58+- 0.17	2.42+- 0.17	0.36+- 0.03
072	860120	0.51+- 0.09	12.15+- 0.51	8.36+- 0.40	0.86+- 0.06	0.14+- 0.01
072	860126	0.22+- 0.04	2.70+- 0.11	1.56+- 0.07	0.46+- 0.03	0.11+- 0.01
072	860201	2.92+- 0.50	7.49+- 0.31	3.87+- 0.19	2.05+- 0.14	0.29+- 0.02
072	860207	1.40+- 0.24	3.23+- 0.14	1.59+- 0.08	1.11+- 0.08	0.14+- 0.01
072	860213	0.32+- 0.06	6.32+- 0.27	1.43+- 0.07	0.19+- 0.02	0.03+- 0.00
072	860219	3.08+- 0.53	1.50+- 0.06	1.62+- 0.08	2.08+- 0.14	0.27+- 0.02
072	860225	0.65+- 0.12	18.18+- 0.76	5.77+- 0.28	1.28+- 0.09	0.22+- 0.02
072	860303	0.37+- 0.07	6.99+- 0.29	8.43+- 0.40	0.72+- 0.05	0.13+- 0.01
072	860309	4.72+- 0.80	4.58+- 0.19	2.02+- 0.10	3.53+- 0.24	0.45+- 0.04
072	860315	2.07+- 0.35	2.39+- 0.10	1.42+- 0.07	1.66+- 0.12	0.23+- 0.02
072	860321	0.32+- 0.06	3.02+- 0.13	2.36+- 0.11	0.64+- 0.05	0.12+- 0.01
072	860327	0.19+- 0.04	15.00+- 0.63	21.68+- 1.04	0.48+- 0.04	0.14+- 0.01
072	860402	3.13+- 0.53	3.57+- 0.15	2.79+- 0.13	2.99+- 0.21	0.39+- 0.03
072	860408	0.76+- 0.14	2.69+- 0.11	2.16+- 0.10	1.10+- 0.08	0.16+- 0.01
072	860414	0.58+- 0.10	4.96+- 0.21	3.51+- 0.17	1.52+- 0.11	0.20+- 0.02
072	860420	0.29+- 0.06	1.88+- 0.08	2.59+- 0.12	0.63+- 0.05	0.15+- 0.01
072	860426	1.15+- 0.20	7.00+- 0.29	4.70+- 0.23	2.79+- 0.19	0.33+- 0.03
072	860502	1.43+- 0.25	5.64+- 0.24	3.94+- 0.19	2.36+- 0.16	0.35+- 0.03
072	860508	1.93+- 0.33	8.01+- 0.34	3.62+- 0.17	3.04+- 0.21	0.39+- 0.03
072	860514	1.15+- 0.20	5.84+- 0.25	7.24+- 0.35	3.07+- 0.21	0.38+- 0.03
072	860520	0.56+- 0.10	4.93+- 0.21	9.23+- 0.44	2.56+- 0.18	0.34+- 0.03
072	860526	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
072	860601	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
072	860607	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
072	860613	0.88+- 0.15	5.82+- 0.24	7.47+- 0.36	2.76+- 0.19	0.44+- 0.04
072	860619	1.49+- 0.26	6.44+- 0.27	5.46+- 0.26	3.25+- 0.22	0.41+- 0.03
072	860625	< 0.12+- 0.04	6.17+- 0.26	17.31+- 0.83	1.49+- 0.11	0.21+- 0.02

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
072	860701	0.72+- 0.13	4.57+- 0.19	5.63+- 0.27	2.15+- 0.15	0.29+- 0.02
072	860707	0.84+- 0.15	3.13+- 0.13	3.78+- 0.18	1.64+- 0.11	0.23+- 0.02
072	860713	0.12+- 0.03	2.28+- 0.10	8.77+- 0.42	0.94+- 0.07	0.14+- 0.01
072	860719	1.05+- 0.18	6.06+- 0.25	5.42+- 0.26	2.62+- 0.18	0.35+- 0.03
072	860725	0.73+- 0.13	2.30+- 0.10	4.03+- 0.19	1.22+- 0.09	0.18+- 0.02
072	860731	0.13+- 0.03	3.09+- 0.13	21.64+- 1.04	1.08+- 0.08	0.19+- 0.02
072	860806	0.07+- 0.02	2.33+- 0.10	12.91+- 0.62	1.19+- 0.08	0.18+- 0.02
072	860812	0.22+- 0.04	3.37+- 0.14	12.00+- 0.58	1.36+- 0.10	0.22+- 0.02
072	860818	0.10+- 0.02	3.86+- 0.16	6.25+- 0.30	1.14+- 0.08	0.18+- 0.02
072	860824	0.33+- 0.06	5.45+- 0.23	10.15+- 0.49	2.26+- 0.16	0.29+- 0.02
072	860830	1.21+- 0.21	6.63+- 0.28	7.01+- 0.34	3.21+- 0.22	0.40+- 0.03
072	860905	0.12+- 0.03	4.96+- 0.21	14.06+- 0.68	1.54+- 0.11	0.24+- 0.02
072	860911	0.51+- 0.09	4.86+- 0.20	7.28+- 0.35	2.12+- 0.15	0.30+- 0.03
072	860917	1.41+- 0.24	3.82+- 0.16	3.12+- 0.15	1.92+- 0.13	0.25+- 0.02
072	860923	1.32+- 0.23	3.39+- 0.14	2.79+- 0.13	1.85+- 0.13	0.25+- 0.02
072	860929	0.24+- 0.05	4.52+- 0.19	3.87+- 0.19	0.97+- 0.07	0.18+- 0.01
072	861005	0.39+- 0.07	2.49+- 0.10	3.69+- 0.18	0.69+- 0.05	0.12+- 0.01
072	861011	0.37+- 0.07	3.16+- 0.13	5.29+- 0.25	0.96+- 0.07	0.14+- 0.01
072	861017	0.45+- 0.08	5.15+- 0.22	6.74+- 0.32	1.01+- 0.07	0.16+- 0.01
072	861023	0.51+- 0.09	8.81+- 0.37	7.43+- 0.36	1.24+- 0.09	0.19+- 0.02
072	861029	0.51+- 0.09	11.17+- 0.47	8.02+- 0.38	1.31+- 0.09	0.22+- 0.02
072	861104	1.10+- 0.19	9.38+- 0.39	4.83+- 0.23	1.84+- 0.13	0.28+- 0.02
072	861110	0.28+- 0.05	2.88+- 0.12	2.34+- 0.11	0.47+- 0.04	0.16+- 0.01
072	861116	0.31+- 0.06	21.57+- 0.91	3.84+- 0.18	0.56+- 0.04	0.14+- 0.01
072	861122	0.25+- 0.05	1.25+- 0.05	1.80+- 0.09	0.42+- 0.03	0.09+- 0.01
072	861128	0.49+- 0.09	-9.99+-9.99	3.21+- 0.15	0.48+- 0.04	0.12+- 0.01
072	861204	1.11+- 0.19	46.56+- 1.96	5.17+- 0.25	0.87+- 0.06	0.19+- 0.02
072	861210	1.12+- 0.19	19.63+- 0.82	4.29+- 0.21	0.50+- 0.04	0.15+- 0.01
072	861216	0.62+- 0.11	11.76+- 0.49	5.08+- 0.24	1.03+- 0.07	0.20+- 0.02
072	861222	0.66+- 0.12	8.82+- 0.37	3.67+- 0.18	0.74+- 0.05	0.14+- 0.01
072	861228	0.82+- 0.15	25.84+- 1.09	4.17+- 0.20	0.66+- 0.05	0.15+- 0.01

## PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	AL	SI	P	S	CL	K
072	850805	1.4743+0.1792	3.1752+0.4117	0.1672+0.0339	3.3425+0.1780	0.2759+0.0206	0.4929+0.0272
072	850811	0.6467+0.0795	1.4299+0.1858	0.1133+0.0232	2.4844+0.1333	0.9424+0.0525	0.3001+0.0175
072	850817	0.5520+0.0680	1.1907+0.1548	0.1152+0.0234	2.8912+0.1539	0.0928+0.0114	0.2648+0.0157
072	850823	1.8374+0.2231	4.4722+0.5796	0.2216+0.0448	2.8335+0.1529	0.7854+0.0452	0.8009+0.0428
072	850829	1.6202+0.1969	4.2085+0.5455	0.1826+0.0370	2.8547+0.1538	1.0288+0.0572	0.7563+0.0405
072	850904	0.4992+0.0618	1.1561+0.1504	0.1006+0.0207	1.3945+0.0789	2.1808+0.1146	0.2624+0.0156
072	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	850916	0.9391+0.1147	1.9664+0.2552	0.1498+0.0303	2.1567+0.1168	3.8236+0.1973	0.4584+0.0253
072	850922	0.7829+0.0960	1.9810+0.2572	0.1209+0.0247	2.1461+0.1169	1.0040+0.0556	0.4145+0.0233
072	850928	0.5261+0.0652	1.2300+0.1600	0.1027+0.0211	2.0209+0.1111	0.6731+0.0394	0.2961+0.0174
072	851004	1.2226+0.1491	3.0317+0.3932	0.1638+0.0334	1.9417+0.1091	0.5101+0.0320	0.5237+0.0289
072	851010	1.1271+0.1374	2.9467+0.3822	0.1534+0.0310	1.2612+0.0737	1.1696+0.0637	0.5220+0.0286
072	851016	1.2001+0.1463	3.0677+0.3978	0.1476+0.0299	1.3082+0.0761	1.6307+0.0870	0.6977+0.0375
072	851022	0.5166+0.0640	1.0767+0.1401	0.1094+0.0223	1.0204+0.0637	0.4722+0.0292	0.2785+0.0164
072	851028	0.7866+0.0963	1.6760+0.2177	0.1578+0.0320	3.4196+0.1811	0.1797+0.0159	0.3091+0.0180
072	851103	1.4225+0.1731	3.4395+0.4460	0.2056+0.0415	2.2059+0.1221	0.2642+0.0198	0.6013+0.0327
072	851109	0.6965+0.0925	1.6161+0.2250	0.0854+0.0180	1.5534+0.1176	4.7746+0.3425	0.3542+0.0270
072	851115	0.9771+0.1290	2.5751+0.3579	0.1057+0.0221	0.9016+0.0772	1.0089+0.0753	0.4903+0.0366
072	851121	0.7911+0.1046	2.0727+0.2880	0.0902+0.0189	1.1885+0.0929	1.1666+0.0861	0.4290+0.0321
072	851127	0.4708+0.0630	1.0355+0.1444	0.0717+0.0151	2.2194+0.1643	0.4989+0.0395	0.2146+0.0171
072	851203	0.4545+0.0610	1.0812+0.1506	0.0814+0.0171	1.0120+0.0813	0.8118+0.0612	0.2126+0.0169
072	851209	0.6591+0.0874	1.6275+0.2264	0.0679+0.0143	0.9017+0.0731	0.5499+0.0428	0.3256+0.0248
072	851215	0.9412+0.1243	1.9552+0.2719	0.0770+0.0161	0.9936+0.0812	0.7467+0.0568	0.4656+0.0348
072	851221	1.6992+0.2238	3.9942+0.5558	0.1674+0.0348	2.2048+0.1728	0.6149+0.0490	0.6851+0.0507
072	851227	1.4383+0.1893	3.3260+0.4622	0.1732+0.0360	5.5909+0.4040	0.6644+0.0525	0.5003+0.0373

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	AL	SI	P	S	CL	K
072	860102	0.5782+0.0759	1.2649+0.1740	0.1032+0.0215	2.8890+0.2052	0.9238+0.0683	0.2709+0.0211
072	860108	1.9763+0.2552	5.0436+0.6920	0.1295+0.0269	0.7473+0.0825	0.5247+0.0425	0.7715+0.0547
072	860114	1.0915+0.1416	2.8769+0.3949	0.1047+0.0218	1.6522+0.1241	2.1511+0.1497	0.5302+0.0384
072	860120	0.7437+0.0970	1.5799+0.2172	0.1033+0.0215	3.4507+0.2424	0.3603+0.0319	0.2894+0.0224
072	860126	1.5248+0.1969	3.5888+0.4920	0.1008+0.0210	0.8136+0.0751	0.3571+0.0305	0.6159+0.0440
072	860201	0.2268+0.0315	0.2829+0.0396	0.0748+0.0157	1.4525+0.1109	3.3686+0.2317	0.2008+0.0163
072	860207	0.6213+0.0815	1.6483+0.2265	0.0775+0.0163	0.7221+0.0805	1.6319+0.1153	0.3192+0.0244
072	860213	0.1060+0.0160	0.1733+0.0247	0.0384+0.0084	0.6749+0.0581	0.2371+0.0222	0.0781+0.0081
072	860219	0.2400+0.0332	0.5256+0.0729	0.0564+0.0121	0.9497+0.0776	3.7048+0.2539	0.1757+0.0150
072	860225	1.4386+0.1857	3.6960+0.5064	0.1519+0.0314	2.6531+0.1905	0.7426+0.0559	0.5940+0.0424
072	860303	0.6243+0.0816	1.4394+0.1980	0.0894+0.0187	3.1960+0.2265	0.1690+0.0206	0.2716+0.0211
072	860309	0.2536+0.0348	0.4559+0.0635	0.0749+0.0158	1.1343+0.0892	4.7741+0.3267	0.2324+0.0187
072	860315	0.3599+0.0478	0.9494+0.1307	0.0590+0.0125	0.7751+0.0647	2.5568+0.1763	0.2623+0.0203
072	860321	1.1740+0.1520	2.9681+0.4071	0.1123+0.0233	1.1278+0.0917	0.5087+0.0402	0.4735+0.0346
072	860327	1.4317+0.1852	3.4142+0.4685	0.2093+0.0432	8.1699+0.5576	0.1240+0.0239	0.5247+0.0381
072	860402	1.5346+0.2011	4.2929+0.5962	0.1107+0.0231	1.4066+0.1104	3.6657+0.2632	0.6728+0.0501
072	860408	0.4977+0.0662	1.2127+0.1689	0.0595+0.0126	1.0049+0.0838	1.0149+0.0768	0.2309+0.0190
072	860414	0.7753+0.1023	2.1463+0.2985	0.0830+0.0175	1.6573+0.1278	0.6240+0.0496	0.3738+0.0291
072	860420	1.1779+0.1549	3.0443+0.4237	0.1609+0.0334	1.1366+0.0962	0.4443+0.0375	0.4895+0.0373
072	860426	0.7857+0.1037	2.1752+0.3025	0.0860+0.0181	2.1156+0.1590	1.6060+0.1185	0.4049+0.0313
072	860502	1.4077+0.1851	3.4588+0.4819	0.1045+0.0219	1.8427+0.1421	1.8127+0.1342	0.6068+0.0459
072	860508	1.0016+0.1321	2.6973+0.3757	0.0916+0.0192	1.8639+0.1430	2.4252+0.1775	0.5320+0.0405
072	860514	0.7231+0.0956	1.7440+0.2426	0.0935+0.0196	3.2413+0.2379	1.2407+0.0930	0.3510+0.0275
072	860520	0.7251+0.0959	1.8234+0.2537	0.0890+0.0187	3.8399+0.2803	0.5699+0.0467	0.3458+0.0272
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.8595+0.1134	2.1033+0.2926	0.0953+0.0200	2.9073+0.2151	1.0406+0.0792	0.4512+0.0346
072	860619	1.2542+0.1648	3.3616+0.4674	0.1008+0.0211	2.3375+0.1760	1.9968+0.1465	0.5976+0.0450
072	860625	1.0439+0.1398	2.4799+0.3471	0.1710+0.0360	6.8588+0.5119	0.2043+0.0330	0.4379+0.0375

## PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	AL	SI	P	S	CL	K
072	860701	1.1109+0.1463	2.2957+0.3197	0.0990+0.0208	2.3542+0.1785	0.7127+0.0565	0.4342+0.0335
072	860707	0.7751+0.1023	1.8818+0.2618	0.0756+0.0159	1.6636+0.1276	1.2476+0.0932	0.3616+0.0282
072	860713	0.8296+0.1095	1.8165+0.2528	0.1082+0.0226	3.2592+0.2397	0.2640+0.0262	0.6558+0.0489
072	860719	0.9841+0.1294	2.4079+0.3346	0.1161+0.0243	2.4049+0.1794	1.4970+0.1107	0.4492+0.0343
072	860725	0.4655+0.0623	1.2284+0.1715	0.0634+0.0135	1.5915+0.1232	0.9734+0.0747	0.2284+0.0191
072	860731	1.3121+0.1722	2.9592+0.4113	0.1851+0.0385	7.9817+0.5717	0.1001+0.0224	0.4548+0.0349
072	860806	1.0298+0.1358	2.3794+0.3317	0.0163+0.0082	4.7706+0.3490	0.1129+0.0185	0.3852+0.0301
072	860812	1.0812+0.1426	2.5537+0.3560	0.0259+0.0129	4.3990+0.3227	0.1670+0.0212	0.4550+0.0352
072	860818	1.4731+0.1936	3.7583+0.5231	0.0305+0.0154	2.5030+0.1892	0.1780+0.0209	0.7402+0.0552
072	860824	0.9978+0.1317	1.6988+0.2370	0.0000+0.0192	3.6899+0.2722	0.1507+0.0196	0.4009+0.0313
072	860830	0.6974+0.0924	1.9050+0.2654	0.0000+0.0197	2.7995+0.2083	1.6001+0.1189	0.3941+0.0307
072	860905	1.1510+0.1517	2.8067+0.3910	0.0000+0.0300	4.8576+0.3550	0.2134+0.0246	0.5444+0.0415
072	860911	0.9216+0.1216	2.1132+0.2944	0.0086+0.0044	2.8357+0.2109	0.6004+0.0486	0.4158+0.0322
072	860917	1.0486+0.1382	2.9459+0.4104	0.0185+0.0185	1.3139+0.1053	1.5721+0.1169	0.4500+0.0347
072	860923	0.8222+0.1088	1.9818+0.2765	0.0174+0.0088	1.3743+0.1129	1.6929+0.1260	0.4198+0.0326
072	860929	0.7711+0.1022	1.9910+0.2778	0.0165+0.0083	1.7532+0.1385	0.2602+0.0255	0.3842+0.0301
072	861005	0.7811+0.1034	1.8857+0.2629	0.0231+0.0231	1.4472+0.1188	0.3913+0.0343	0.3388+0.0268
072	861011	0.5566+0.0741	0.9046+0.1266	0.0000+0.0137	2.1746+0.1649	0.4792+0.0400	0.2043+0.0173
072	861017	1.0141+0.1339	2.6484+0.3692	0.0250+0.0125	2.7030+0.2032	0.6352+0.0513	0.4458+0.0345
072	861023	0.9913+0.1309	2.1982+0.3065	0.0256+0.0129	2.8988+0.2176	0.6592+0.0531	0.4886+0.0375
072	861029	1.1501+0.1516	2.7165+0.3786	0.0254+0.0254	3.2621+0.2441	0.4012+0.0353	0.4723+0.0363
072	861104	1.1555+0.1524	2.8671+0.3997	0.0000+0.0214	1.8932+0.1481	1.0782+0.0824	0.4981+0.0383
072	861110	2.4079+0.3160	6.0198+0.8386	0.0665+0.0335	1.0241+0.0967	0.4892+0.0415	0.8937+0.0665
072	861116	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	861122	1.2460+0.1641	3.2186+0.4486	0.0252+0.0127	0.8908+0.0778	0.3880+0.0335	0.5349+0.0408
072	861128	0.9939+0.1312	2.4124+0.3363	0.0266+0.0134	1.3839+0.1136	0.5625+0.0461	0.4942+0.0379
072	861204	1.4354+0.1891	3.7026+0.5163	0.0345+0.0174	2.1534+0.1698	0.9588+0.0748	0.6122+0.0466
072	861210	1.5406+0.2028	3.6533+0.5093	0.0457+0.0229	1.8578+0.1519	1.0805+0.0833	0.6904+0.0520
072	861216	0.9704+0.1283	2.5395+0.3541	0.0264+0.0133	2.2460+0.1729	0.7174+0.0574	0.5592+0.0427
072	861222	0.8329+0.1103	1.9582+0.2732	0.0229+0.0115	1.3935+0.1135	0.7411+0.0589	0.4046+0.0317
072	861228	1.0574+0.1400	2.7371+0.3824	0.0323+0.0163	1.8531+0.1496	0.8440+0.0670	0.6766+0.0514

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	CA	TI	V	CR	MN	FE
072	850805	0.8911+0.0466	0.1549+0.0089	0.0220+0.0025	0.0163+0.0016	0.0377+0.0025	1.3149+0.0681
072	850811	0.5537+0.0295	0.1008+0.0062	0.0101+0.0018	0.0042+0.0011	0.0163+0.0015	0.5796+0.0310
072	850817	0.4177+0.0227	0.0631+0.0043	0.0133+0.0016	0.0048+0.0010	0.0143+0.0014	0.5437+0.0293
072	850823	1.5578+0.0801	0.2325+0.0128	0.0311+0.0033	0.0246+0.0021	0.0563+0.0034	2.0906+0.1070
072	850829	1.3234+0.0683	0.2013+0.0112	0.0237+0.0029	0.0182+0.0019	0.0424+0.0029	1.8670+0.0957
072	850904	0.4277+0.0232	0.0596+0.0042	0.0079+0.0014	0.0060+0.0013	0.0192+0.0018	0.5713+0.0307
072	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	850916	0.5943+0.0315	0.1061+0.0065	0.0145+0.0019	0.0099+0.0014	0.0176+0.0016	0.7545+0.0399
072	850922	0.4970+0.0267	0.0883+0.0055	0.0133+0.0019	0.0055+0.0014	0.0231+0.0019	0.7506+0.0397
072	850928	0.8267+0.0433	0.0593+0.0043	0.0105+0.0017	0.0076+0.0016	0.0248+0.0021	0.5018+0.0274
072	851004	1.0429+0.0542	0.1833+0.0104	0.0208+0.0028	0.0146+0.0019	0.0526+0.0035	1.4634+0.0755
072	851010	0.9674+0.0503	0.1659+0.0095	0.0162+0.0023	0.0123+0.0014	0.0427+0.0028	1.3280+0.0687
072	851016	0.9930+0.0518	0.1385+0.0082	0.0170+0.0022	0.0119+0.0014	0.0419+0.0028	1.2665+0.0656
072	851022	0.4410+0.0238	0.0944+0.0058	0.0078+0.0017	0.0121+0.0014	0.0340+0.0023	0.6841+0.0363
072	851028	0.5575+0.0297	0.0959+0.0059	0.0133+0.0019	0.0107+0.0013	0.0240+0.0019	0.7908+0.0417
072	851103	1.0231+0.0533	0.1487+0.0086	0.0183+0.0023	0.0153+0.0017	0.0566+0.0034	1.4553+0.0751
072	851109	0.6770+0.0493	0.0715+0.0059	0.0106+0.0018	0.0042+0.0013	0.0203+0.0022	0.6084+0.0446
072	851115	1.0101+0.0727	0.1802+0.0135	0.0149+0.0028	0.0156+0.0018	0.0546+0.0044	1.3368+0.0959
072	851121	0.6368+0.0462	0.1154+0.0089	0.0128+0.0022	0.0093+0.0014	0.0387+0.0033	0.8957+0.0645
072	851127	0.8167+0.0591	0.0674+0.0056	0.0131+0.0019	0.0090+0.0014	0.0200+0.0021	0.5519+0.0405
072	851203	0.3428+0.0255	0.0769+0.0063	0.0107+0.0018	0.0099+0.0016	0.0263+0.0027	0.6264+0.0456
072	851209	0.6114+0.0445	0.0980+0.0077	0.0086+0.0018	0.0098+0.0014	0.0365+0.0031	0.8538+0.0617
072	851215	0.7819+0.0567	0.0975+0.0077	0.0175+0.0023	0.0092+0.0014	0.0506+0.0041	0.9364+0.0676
072	851221	1.6528+0.1191	0.2141+0.0160	0.0418+0.0043	0.0174+0.0021	0.1038+0.0079	1.8554+0.1336
072	851227	0.8429+0.0610	0.1750+0.0132	0.0305+0.0035	0.0137+0.0019	0.0623+0.0050	1.5023+0.1077



## PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	CA	TI	V	CR	MN	FE
072	860102	0.4987+0.0353	0.0780+0.0064	0.0125+0.0023	0.0070+0.0015	0.0303+0.0030	0.6469+0.0449
072	860108	1.6677+0.1138	0.2842+0.0203	0.0277+0.0045	0.0242+0.0027	0.0981+0.0074	2.2794+0.1546
072	860114	1.0236+0.0705	0.1501+0.0113	0.0210+0.0031	0.0133+0.0018	0.0444+0.0038	1.1073+0.0758
072	860120	0.6130+0.0430	0.0831+0.0068	0.0175+0.0026	0.0079+0.0015	0.0322+0.0030	0.6728+0.0467
072	860126	1.3162+0.0898	0.1671+0.0124	0.0126+0.0028	0.0124+0.0017	0.0605+0.0047	1.4856+0.1008
072	860201	0.1958+0.0151	0.0321+0.0033	0.0071+0.0015	0.0036+0.0012	0.0260+0.0026	0.2506+0.0184
072	860207	0.7088+0.0494	0.0817+0.0067	0.0075+0.0021	0.0103+0.0018	0.0426+0.0038	0.8092+0.0558
072	860213	0.0618+0.0062	0.0141+0.0021	0.0035+0.0012	0.0030+0.0011	0.0124+0.0017	0.0997+0.0084
072	860219	0.2414+0.0182	0.0372+0.0039	0.0063+0.0018	0.0045+0.0015	0.0148+0.0022	0.3710+0.0265
072	860225	1.1817+0.0806	0.2009+0.0146	0.0407+0.0045	0.0155+0.0021	0.0676+0.0052	1.6833+0.1137
072	860303	0.5411+0.0382	0.0913+0.0074	0.0126+0.0023	0.0087+0.0016	0.0310+0.0029	0.7473+0.0516
072	860309	0.3301+0.0242	0.0298+0.0033	0.0099+0.0019	0.0021+0.0014	0.0152+0.0021	0.2493+0.0185
072	860315	0.3015+0.0221	0.0874+0.0070	0.0052+0.0019	0.0028+0.0012	0.0193+0.0021	0.3484+0.0248
072	860321	1.1101+0.0761	0.1731+0.0128	0.0192+0.0031	0.0166+0.0020	0.0607+0.0047	1.4222+0.0966
072	860327	0.9355+0.0647	0.1764+0.0130	0.0290+0.0037	0.0154+0.0021	0.0585+0.0047	1.4661+0.0998
072	860402	1.1790+0.0849	0.1952+0.0150	0.0138+0.0032	0.0119+0.0018	0.0421+0.0037	1.6053+0.1145
072	860408	0.4464+0.0332	0.0623+0.0055	0.0085+0.0019	0.0050+0.0012	0.0272+0.0027	0.6144+0.0446
072	860414	0.6372+0.0467	0.0921+0.0076	0.0167+0.0026	0.0090+0.0015	0.0289+0.0028	0.8352+0.0602
072	860420	0.9227+0.0671	0.1269+0.0101	0.0128+0.0025	0.0125+0.0017	0.0428+0.0038	1.1586+0.0836
072	860426	0.5909+0.0435	0.0897+0.0075	0.0077+0.0020	0.0088+0.0015	0.0152+0.0020	0.6830+0.0495
072	860502	1.1670+0.0849	0.1455+0.0115	0.0132+0.0027	0.0138+0.0019	0.0443+0.0039	1.3217+0.0955
072	860508	0.8139+0.0597	0.1190+0.0097	0.0168+0.0027	0.0079+0.0014	0.0291+0.0028	0.9829+0.0713
072	860514	0.5389+0.0398	0.0830+0.0071	0.0097+0.0021	0.0063+0.0014	0.0187+0.0023	0.6576+0.0477
072	860520	0.5451+0.0403	0.0767+0.0066	0.0135+0.0023	0.0083+0.0016	0.0194+0.0023	0.7063+0.0512
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.6977+0.0511	0.1152+0.0094	0.0111+0.0025	0.0112+0.0017	0.0245+0.0027	0.9005+0.0650
072	860619	0.8679+0.0632	0.1360+0.0108	0.0181+0.0030	0.0131+0.0019	0.0352+0.0034	1.1683+0.0840
072	860625	0.6831+0.0528	0.0949+0.0094	0.0228+0.0041	0.0111+0.0026	0.0321+0.0042	1.0046+0.0750

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	CA	TI	V	CR	MN	FE
072	860701	0.7557+0.0554	0.1300+0.0104	0.0162+0.0027	0.0146+0.0020	0.0310+0.0031	1.0456+0.0756
072	860707	0.6264+0.0459	0.0894+0.0075	0.0130+0.0023	0.0084+0.0014	0.0254+0.0025	0.8388+0.0605
072	860713	0.5093+0.0379	0.0798+0.0069	0.0120+0.0023	0.0060+0.0014	0.0214+0.0024	0.7195+0.0522
072	860719	0.8320+0.0603	0.1144+0.0092	0.0158+0.0026	0.0118+0.0017	0.0269+0.0027	0.9933+0.0713
072	860725	0.3856+0.0293	0.0517+0.0049	0.0071+0.0018	0.0044+0.0013	0.0164+0.0020	0.5354+0.0395
072	860731	0.8819+0.0640	0.1482+0.0117	0.0209+0.0033	0.0132+0.0020	0.0333+0.0032	1.2397+0.0888
072	860806	0.6743+0.0498	0.1129+0.0092	0.0207+0.0029	0.0117+0.0017	0.0264+0.0027	0.9918+0.0720
072	860812	0.9559+0.0699	0.1368+0.0110	0.0262+0.0034	0.0087+0.0017	0.0255+0.0027	1.1435+0.0829
072	860818	1.1431+0.0829	0.2065+0.0159	0.0241+0.0037	0.0165+0.0021	0.0507+0.0044	1.6106+0.1158
072	860824	0.4923+0.0370	0.0786+0.0068	0.0093+0.0021	0.0054+0.0014	0.0147+0.0021	0.6518+0.0479
072	860830	0.5504+0.0409	0.0831+0.0072	0.0097+0.0021	0.0089+0.0015	0.0201+0.0024	0.7021+0.0512
072	860905	0.7742+0.0569	0.1372+0.0109	0.0191+0.0030	0.0124+0.0019	0.0320+0.0032	1.1588+0.0838
072	860911	0.6169+0.0456	0.0918+0.0077	0.0141+0.0024	0.0080+0.0015	0.0243+0.0026	0.8367+0.0607
072	860917	0.8900+0.0650	0.1337+0.0107	0.0170+0.0029	0.0111+0.0017	0.0307+0.0030	1.1342+0.0821
072	860923	0.6365+0.0472	0.1045+0.0086	0.0108+0.0023	0.0091+0.0015	0.0284+0.0028	0.8710+0.0635
072	860929	0.6430+0.0477	0.0984+0.0082	0.0175+0.0026	0.0113+0.0017	0.0268+0.0027	0.8992+0.0655
072	861005	0.5766+0.0428	0.0868+0.0073	0.0138+0.0023	0.0115+0.0016	0.0346+0.0032	0.8521+0.0620
072	861011	0.2783+0.0216	0.0461+0.0045	0.0103+0.0018	0.0050+0.0012	0.0145+0.0019	0.4376+0.0325
072	861017	0.8476+0.0622	0.1360+0.0109	0.0176+0.0029	0.0147+0.0019	0.0387+0.0035	1.2040+0.0873
072	861023	0.7020+0.0518	0.1188+0.0097	0.0130+0.0026	0.0150+0.0020	0.0312+0.0031	0.9821+0.0713
072	861029	0.7432+0.0548	0.1492+0.0118	0.0332+0.0038	0.0141+0.0020	0.0379+0.0035	1.1615+0.0841
072	861104	0.7497+0.0553	0.1427+0.0114	0.0323+0.0037	0.0123+0.0018	0.0425+0.0038	1.1410+0.0828
072	861110	1.8177+0.1314	0.3300+0.0248	0.0263+0.0048	0.0271+0.0028	0.0884+0.0070	2.6517+0.1907
072	861116	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	861122	0.7893+0.0581	0.0436+0.0267	0.0000+0.0104	0.0178+0.0023	0.0369+0.0033	1.2813+0.0928
072	861128	0.8400+0.0618	0.1177+0.0095	0.0193+0.0028	0.0107+0.0016	0.0507+0.0043	1.1463+0.0830
072	861204	1.2908+0.0944	0.2371+0.0181	0.0343+0.0044	0.0184+0.0023	0.0659+0.0054	1.6204+0.1172
072	861210	1.3559+0.0989	0.2433+0.0185	0.0263+0.0040	0.0246+0.0026	0.0746+0.0061	1.9924+0.1435
072	861216	1.0011+0.0735	0.1401+0.0112	0.0271+0.0035	0.0133+0.0020	0.0509+0.0044	1.3042+0.0943
072	861222	0.9422+0.0692	0.1116+0.0092	0.0178+0.0028	0.0134+0.0020	0.0410+0.0037	1.0381+0.0753
072	861228	0.6621+0.0497	0.1088+0.0090	0.0159+0.0026	0.0082+0.0015	0.0490+0.0042	1.1027+0.0806

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	NI	CU	ZN	GA	AS	SE
072	850805	0.0175+0.0019	0.3597+0.0190	0.3205+0.0171	0.0015+0.0018	0.0000+0.0180	0.0025+0.0009
072	850811	0.0096+0.0015	0.1289+0.0075	0.1182+0.0068	0.0011+0.0009	0.0000+0.0051	0.0027+0.0010
072	850817	0.0116+0.0015	0.0986+0.0058	0.1664+0.0093	0.0011+0.0010	0.0021+0.0061	0.0028+0.0009
072	850823	0.0233+0.0023	0.1498+0.0084	0.2931+0.0157	0.0030+0.0019	0.0068+0.0198	0.0051+0.0011
072	850829	0.0168+0.0019	0.0907+0.0056	0.1455+0.0082	0.0000+0.0016	0.0000+0.0169	0.0040+0.0013
072	850904	0.0070+0.0014	0.0845+0.0052	0.1000+0.0060	0.0015+0.0010	0.0000+0.0065	0.0020+0.0010
072	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	850916	0.0195+0.0020	0.4517+0.0237	0.3592+0.0191	0.0019+0.0012	0.0022+0.0067	0.0025+0.0009
072	850922	0.0110+0.0018	0.1132+0.0068	0.1070+0.0064	0.0019+0.0013	0.0000+0.0080	0.0013+0.0011
072	850928	0.0112+0.0019	0.1123+0.0067	0.0855+0.0054	0.0028+0.0014	0.0005+0.0088	0.0023+0.0013
072	851004	0.0117+0.0019	0.1945+0.0108	0.2300+0.0126	0.0013+0.0019	0.0000+0.0167	0.0028+0.0015
072	851010	0.0120+0.0017	0.0916+0.0056	0.1732+0.0097	0.0008+0.0014	0.0000+0.0129	0.0031+0.0009
072	851016	0.0138+0.0018	0.1330+0.0077	0.1890+0.0106	0.0015+0.0014	0.0084+0.0127	0.0020+0.0009
072	851022	0.0153+0.0019	0.1636+0.0092	0.3209+0.0171	0.0023+0.0017	0.0000+0.0150	0.0018+0.0009
072	851028	0.0198+0.0020	0.5885+0.0306	0.4664+0.0246	0.0036+0.0017	0.0000+0.0125	0.0013+0.0009
072	851103	0.0178+0.0019	0.1839+0.0102	0.1971+0.0109	0.0026+0.0019	0.0022+0.0194	0.0028+0.0010
072	851109	0.0079+0.0016	0.0977+0.0077	0.0702+0.0057	0.0013+0.0011	0.0009+0.0059	0.0009+0.0011
072	851115	0.0135+0.0019	0.1544+0.0116	0.2913+0.0213	0.0051+0.0018	0.0091+0.0177	0.0024+0.0011
072	851121	0.0103+0.0016	0.0870+0.0068	0.1215+0.0093	0.0010+0.0013	0.0052+0.0126	0.0009+0.0008
072	851127	0.0145+0.0019	0.0623+0.0052	0.1380+0.0105	0.0001+0.0010	0.0003+0.0070	0.0009+0.0009
072	851203	0.0158+0.0021	0.0471+0.0042	0.3346+0.0242	0.0000+0.0015	0.0000+0.0129	0.0014+0.0012
072	851209	0.0116+0.0016	0.1637+0.0123	0.2575+0.0190	0.0002+0.0013	0.0091+0.0113	0.0015+0.0008
072	851215	0.0153+0.0019	0.0983+0.0077	0.1442+0.0109	0.0016+0.0015	0.0098+0.0152	0.0053+0.0011
072	851221	0.0337+0.0033	0.1500+0.0115	0.2377+0.0177	0.0000+0.0024	0.0197+0.0324	0.0046+0.0014
072	851227	0.0207+0.0024	0.0971+0.0077	0.1720+0.0129	0.0017+0.0016	0.0053+0.0163	0.0017+0.0012

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	NI	CU	ZN	GA	AS	SE
072	860102	0.0122+0.0019	0.0846+0.0069	0.2029+0.0145	0.0000+0.0014	0.0000+0.0107	0.0000+0.0010
072	860108	0.0130+0.0019	0.1583+0.0117	0.5798+0.0397	0.0007+0.0023	0.0066+0.0251	0.0010+0.0012
072	860114	0.0170+0.0021	0.0963+0.0075	0.1497+0.0109	0.0000+0.0014	0.0007+0.0124	0.0027+0.0010
072	860120	0.0158+0.0021	0.1220+0.0092	0.1390+0.0103	0.0000+0.0013	0.0049+0.0103	0.0009+0.0010
072	860126	0.0111+0.0016	0.3122+0.0216	0.2937+0.0205	0.0014+0.0017	0.0000+0.0177	0.0026+0.0009
072	860201	0.0046+0.0013	0.1537+0.0112	0.1365+0.0101	0.0000+0.0013	0.0009+0.0112	0.0015+0.0009
072	860207	0.0101+0.0018	0.3916+0.0271	1.5793+0.1066	0.0000+0.0030	0.0000+0.0240	0.0031+0.0013
072	860213	0.0022+0.0011	0.0647+0.0054	0.0446+0.0041	0.0002+0.0009	0.0019+0.0049	0.0004+0.0008
072	860219	0.0030+0.0015	0.0777+0.0067	0.1044+0.0082	0.0000+0.0013	0.0000+0.0066	0.0010+0.0012
072	860225	0.0283+0.0027	0.2797+0.0194	0.8394+0.0567	0.0000+0.0022	0.0009+0.0210	0.0021+0.0009
072	860303	0.0121+0.0018	0.5981+0.0409	0.4867+0.0335	0.0000+0.0017	0.0000+0.0170	0.0010+0.0009
072	860309	0.0049+0.0015	0.0330+0.0041	0.0357+0.0041	0.0000+0.0012	0.0053+0.0053	0.0014+0.0012
072	860315	0.0047+0.0013	0.0857+0.0068	0.0821+0.0065	0.0000+0.0010	0.0048+0.0069	0.0000+0.0008
072	860321	0.0113+0.0016	0.0634+0.0053	0.2985+0.0207	0.0022+0.0016	0.0026+0.0157	0.0030+0.0009
072	860327	0.0170+0.0021	0.0675+0.0057	0.2690+0.0189	0.0007+0.0017	0.0021+0.0168	0.0034+0.0012
072	860402	0.0088+0.0016	0.1012+0.0079	0.1673+0.0125	0.0000+0.0012	0.0036+0.0075	0.0002+0.0010
072	860408	0.0112+0.0016	0.9143+0.0651	0.6704+0.0481	0.0003+0.0016	0.0000+0.0108	0.0009+0.0008
072	860414	0.0118+0.0016	0.2989+0.0218	0.2474+0.0182	0.0016+0.0013	0.0000+0.0102	0.0008+0.0008
072	860420	0.0082+0.0013	0.2525+0.0186	0.2240+0.0167	0.0000+0.0015	0.0038+0.0159	0.0015+0.0008
072	860426	0.0087+0.0015	0.0827+0.0065	0.0889+0.0070	0.0013+0.0010	0.0000+0.0069	0.0006+0.0008
072	860502	0.0117+0.0017	0.4446+0.0323	0.4037+0.0296	0.0000+0.0014	0.0000+0.0096	0.0009+0.0009
072	860508	0.0149+0.0019	0.4501+0.0327	0.3607+0.0264	0.0002+0.0013	0.0023+0.0086	0.0000+0.0008
072	860514	0.0122+0.0017	0.5404+0.0387	0.3985+0.0289	0.0014+0.0014	0.0006+0.0075	0.0003+0.0009
072	860520	0.0095+0.0016	0.5374+0.0386	0.3951+0.0287	0.0000+0.0013	0.0046+0.0067	0.0028+0.0010
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.0096+0.0017	0.3434+0.0249	0.3000+0.0219	0.0000+0.0013	0.0045+0.0073	0.0005+0.0010
072	860619	0.0207+0.0023	0.5228+0.0376	0.3899+0.0284	0.0032+0.0015	0.0100+0.0091	0.0000+0.0010
072	860625	0.0184+0.0030	1.4032+0.1021	1.0827+0.0795	0.0000+0.0028	0.0000+0.0124	0.0010+0.0018

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	NI	CU	ZN	GA	AS	SE
072	860701	0.0245+0.0026	1.7821+0.1272	1.3143+0.0944	0.0016+0.0024	0.0005+0.0129	0.0014+0.0010
072	860707	0.0096+0.0015	0.2054+0.0151	0.3010+0.0219	0.0001+0.0012	0.0000+0.0064	0.0007+0.0008
072	860713	0.0087+0.0016	0.4846+0.0348	0.3682+0.0268	0.0021+0.0014	0.0000+0.0073	0.0013+0.0010
072	860719	0.0161+0.0019	0.5158+0.0370	0.4548+0.0328	0.0020+0.0014	0.0000+0.0087	0.0024+0.0009
072	860725	0.0069+0.0014	0.2469+0.0183	0.2769+0.0205	0.0006+0.0011	0.0000+0.0055	0.0000+0.0008
072	860731	0.0201+0.0024	0.3899+0.0282	0.4449+0.0321	0.0008+0.0015	0.0044+0.0097	0.0020+0.0012
072	860806	0.0184+0.0022	1.2172+0.0874	0.9273+0.0669	0.0022+0.0020	0.0038+0.0091	0.0000+0.0009
072	860812	0.0171+0.0021	0.3491+0.0256	0.3247+0.0239	0.0023+0.0014	0.0051+0.0084	0.0016+0.0010
072	860818	0.0184+0.0023	0.2728+0.0201	0.3455+0.0252	0.0021+0.0016	0.0000+0.0134	0.0003+0.0010
072	860824	0.0120+0.0018	0.4289+0.0312	0.3101+0.0229	0.0000+0.0012	0.0002+0.0058	0.0022+0.0012
072	860830	0.0127+0.0018	0.2843+0.0208	0.2126+0.0159	0.0005+0.0011	0.0079+0.0059	0.0015+0.0010
072	860905	0.0136+0.0020	0.6477+0.0468	0.5360+0.0390	0.0037+0.0017	0.0014+0.0100	0.0026+0.0012
072	860911	0.0094+0.0016	0.1162+0.0090	0.1665+0.0125	0.0005+0.0011	0.0046+0.0068	0.0014+0.0010
072	860917	0.0116+0.0016	0.3671+0.0268	0.3755+0.0274	0.0011+0.0014	0.0000+0.0103	0.0017+0.0009
072	860923	0.0181+0.0022	2.5676+0.1840	0.2109+0.0203	0.0052+0.0017	0.0000+0.0171	0.0006+0.0009
072	860929	0.0181+0.0021	0.4006+0.0292	0.4583+0.0334	0.0015+0.0017	0.0010+0.0155	0.0003+0.0008
072	861005	0.0112+0.0016	0.2437+0.0180	0.2957+0.0218	0.0026+0.0017	0.0045+0.0186	0.0015+0.0009
072	861011	0.0116+0.0016	0.5051+0.0367	0.4220+0.0309	0.0020+0.0013	0.0000+0.0071	0.0010+0.0008
072	861017	0.0126+0.0017	0.3335+0.0244	0.3413+0.0251	0.0023+0.0015	0.0052+0.0118	0.0013+0.0009
072	861023	0.0145+0.0019	0.9041+0.0651	0.8330+0.0602	0.0002+0.0020	0.0000+0.0137	0.0017+0.0010
072	861029	0.0197+0.0022	0.1630+0.0123	0.2271+0.0169	0.0022+0.0014	0.0061+0.0114	0.0020+0.0009
072	861104	0.0194+0.0022	0.4408+0.0321	0.3977+0.0291	0.0005+0.0015	0.0000+0.0130	0.0020+0.0009
072	861110	0.0144+0.0019	0.4265+0.0311	0.5959+0.0433	0.0036+0.0022	0.0257+0.0236	0.0024+0.0010
072	861116	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	861122	0.0097+0.0015	0.2150+0.0160	0.2506+0.0186	0.0008+0.0013	0.0000+0.0115	0.0009+0.0008
072	861128	0.0130+0.0017	0.2267+0.0169	0.2581+0.0190	0.0007+0.0015	0.0158+0.0159	0.0013+0.0008
072	861204	0.0219+0.0025	0.3703+0.0271	0.5433+0.0396	0.0030+0.0022	0.0065+0.0218	0.0023+0.0012
072	861210	0.0282+0.0029	0.3520+0.0258	1.4373+0.1632	0.0041+0.0031	0.0149+0.0262	0.0032+0.0010
072	861216	0.0192+0.0023	0.2843+0.0210	0.3015+0.0223	0.0020+0.0017	0.0013+0.0163	0.0030+0.0012
072	861222	0.0126+0.0018	0.1472+0.0112	0.4024+0.0293	0.0000+0.0016	0.0063+0.0140	0.0018+0.0010
072	861228	0.0132+0.0019	0.3355+0.0248	0.7551+0.0549	0.0000+0.0023	0.0128+0.0246	0.0028+0.0011

## PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	BR	RB	SR	Y	ZR	MO
072	850805	0.0219+0.0019	0.0025+0.0014	0.0143+0.0019	0.0001+0.0022	0.0124+0.0085	0.0091+0.0062
072	850811	0.0156+0.0018	0.0000+0.0014	0.0099+0.0019	0.0041+0.0020	0.0042+0.0091	0.0034+0.0067
072	850817	0.0146+0.0015	0.0019+0.0013	0.0069+0.0016	0.0000+0.0018	0.0000+0.0081	0.0000+0.0057
072	850823	0.0556+0.0035	0.0039+0.0018	0.0225+0.0023	0.0018+0.0024	0.0172+0.0093	0.0000+0.0068
072	850829	0.0337+0.0027	0.0045+0.0019	0.0191+0.0025	0.0000+0.0027	0.0000+0.0112	0.0163+0.0083
072	850904	0.0235+0.0020	0.0000+0.0016	0.0072+0.0019	0.0028+0.0022	0.0000+0.0102	0.0000+0.0070
072	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+9.999	-9.999+-9.999	-9.999+-9.999
072	850916	0.0254+0.0020	0.0045+0.0015	0.0132+0.0019	0.0006+0.0019	0.0067+0.0085	0.0000+0.0064
072	850922	0.0357+0.0028	0.0044+0.0019	0.0100+0.0023	0.0014+0.0025	0.0000+0.0112	0.0000+0.0084
072	850928	0.0238+0.0023	0.0057+0.0021	0.0196+0.0028	0.0013+0.0028	0.0000+0.0128	0.0102+0.0096
072	851004	0.0526+0.0037	0.0069+0.0026	0.0157+0.0031	0.0045+0.0035	0.0000+0.0146	0.0000+0.0112
072	851010	0.0437+0.0029	0.0032+0.0015	0.0161+0.0019	0.0028+0.0020	0.0000+0.0086	0.0000+0.0061
072	851016	0.0444+0.0031	0.0000+0.0017	0.0120+0.0019	0.0027+0.0022	0.0000+0.0095	0.0000+0.0063
072	851022	0.0664+0.0041	0.0005+0.0018	0.0228+0.0022	0.0000+0.0021	0.0000+0.0087	0.0000+0.0064
072	851028	0.0309+0.0023	0.0000+0.0014	0.0079+0.0018	0.0019+0.0019	0.0000+0.0087	0.0022+0.0058
072	851103	0.0737+0.0045	0.0023+0.0019	0.0175+0.0020	0.0000+0.0023	0.0000+0.0088	0.0000+0.0064
072	851109	0.0263+0.0026	0.0010+0.0019	0.0133+0.0025	0.0016+0.0028	0.0000+0.0122	0.0108+0.0075
072	851115	0.0661+0.0051	0.0009+0.0019	0.0116+0.0022	0.0006+0.0026	0.0000+0.0103	0.0027+0.0062
072	851121	0.0568+0.0045	0.0013+0.0016	0.0092+0.0019	0.0022+0.0022	0.0000+0.0092	0.0000+0.0054
072	851127	0.0285+0.0026	0.0000+0.0016	0.0181+0.0024	0.0010+0.0023	0.0000+0.0103	0.0045+0.0062
072	851203	0.0441+0.0037	0.0010+0.0020	0.0067+0.0023	0.0000+0.0028	0.0001+0.0122	0.0068+0.0073
072	851209	0.0370+0.0032	0.0006+0.0014	0.0077+0.0017	0.0006+0.0020	0.0000+0.0088	0.0037+0.0050
072	851215	0.0529+0.0043	0.0014+0.0016	0.0093+0.0019	0.0000+0.0023	0.0000+0.0093	0.0013+0.0055
072	851221	0.1188+0.0090	0.0025+0.0026	0.0232+0.0031	0.0000+0.0036	0.0000+0.0133	0.0000+0.0079
072	851227	0.0887+0.0068	0.0013+0.0023	0.0100+0.0025	0.0016+0.0030	0.0000+0.0126	0.0117+0.0077

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	BR	RB	SR	Y	ZR	MO
072	860102	0.0489+0.0039	0.0036+0.0021	0.0058+0.0023	0.0000+0.0028	0.0000+0.0121	0.0060+0.0075
072	860108	0.0821+0.0061	0.0039+0.0022	0.0205+0.0027	0.0007+0.0031	0.0000+0.0118	0.0000+0.0074
072	860114	0.0556+0.0043	0.0027+0.0019	0.0154+0.0023	0.0039+0.0025	0.0000+0.0104	0.0040+0.0064
072	860120	0.0433+0.0036	0.0050+0.0020	0.0112+0.0023	0.0000+0.0025	0.0000+0.0109	0.0102+0.0070
072	860126	0.0451+0.0036	0.0028+0.0015	0.0132+0.0019	0.0032+0.0023	0.0039+0.0085	0.0000+0.0054
072	860201	0.0802+0.0059	0.0003+0.0019	0.0053+0.0019	0.0017+0.0023	0.0000+0.0095	0.0064+0.0059
072	860207	0.0522+0.0042	0.0016+0.0021	0.0139+0.0026	0.0035+0.0032	0.0000+0.0125	0.0147+0.0079
072	860213	0.0185+0.0019	0.0000+0.0014	0.0012+0.0016	0.0000+0.0021	0.0070+0.0092	0.0000+0.0055
072	860219	0.0237+0.0025	0.0002+0.0021	0.0097+0.0027	0.0000+0.0031	0.0000+0.0137	0.0000+0.0083
072	860225	0.0524+0.0040	0.0035+0.0016	0.0180+0.0021	0.0042+0.0024	0.0058+0.0085	0.0090+0.0053
072	860303	0.0223+0.0022	0.0000+0.0016	0.0097+0.0020	0.0029+0.0025	0.0000+0.0099	0.0000+0.0064
072	860309	0.0167+0.0021	0.0012+0.0020	0.0260+0.0031	0.0036+0.0029	0.0000+0.0127	0.0000+0.0081
072	860315	0.0287+0.0025	0.0000+0.0015	0.0048+0.0019	0.0013+0.0022	0.0048+0.0094	0.0000+0.0056
072	860321	0.0385+0.0031	0.0007+0.0015	0.0148+0.0020	0.0008+0.0022	0.0000+0.0087	0.0078+0.0052
072	860327	0.0515+0.0041	0.0029+0.0019	0.0152+0.0024	0.0031+0.0027	0.0000+0.0109	0.0080+0.0067
072	860402	0.0299+0.0027	0.0020+0.0018	0.0141+0.0024	0.0000+0.0025	0.0069+0.0111	0.0000+0.0068
072	860408	0.0321+0.0028	0.0002+0.0015	0.0057+0.0016	0.0000+0.0021	0.0136+0.0087	0.0000+0.0052
072	860414	0.0367+0.0031	0.0000+0.0014	0.0069+0.0017	0.0000+0.0020	0.0000+0.0083	0.0000+0.0048
072	860420	0.0472+0.0038	0.0001+0.0015	0.0067+0.0016	0.0000+0.0022	0.0000+0.0085	0.0000+0.0049
072	860426	0.0307+0.0027	0.0002+0.0015	0.0072+0.0019	0.0000+0.0021	0.0074+0.0090	0.0000+0.0055
072	860502	0.0325+0.0028	0.0018+0.0016	0.0148+0.0022	0.0002+0.0023	0.0111+0.0094	0.0071+0.0059
072	860508	0.0367+0.0031	0.0000+0.0015	0.0100+0.0019	0.0000+0.0021	0.0105+0.0090	0.0022+0.0055
072	860514	0.0278+0.0026	0.0000+0.0016	0.0059+0.0020	0.0000+0.0024	0.0025+0.0101	0.0000+0.0063
072	860520	0.0235+0.0023	0.0000+0.0017	0.0068+0.0021	0.0001+0.0025	0.0178+0.0110	0.0000+0.0067
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.0250+0.0024	0.0015+0.0019	0.0081+0.0022	0.0000+0.0027	0.0200+0.0114	0.0000+0.0071
072	860619	0.0312+0.0028	0.0013+0.0019	0.0146+0.0024	0.0000+0.0027	0.0176+0.0113	0.0034+0.0070
072	860625	0.0313+0.0037	0.0010+0.0031	0.0101+0.0037	0.0000+0.0044	0.0101+0.0191	0.0047+0.0119

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	BR	RB	SR	Y	ZR	MO
072	860701	0.0323+0.0029	0.0011+0.0017	0.0169+0.0024	0.0000+0.0025	0.0000+0.0102	0.0050+0.0064
072	860707	0.0193+0.0020	0.0007+0.0014	0.0092+0.0019	0.0027+0.0021	0.0126+0.0089	0.0087+0.0057
072	860713	0.0205+0.0021	0.0023+0.0017	0.0061+0.0021	0.0000+0.0025	0.0155+0.0111	0.0000+0.0068
072	860719	0.0300+0.0026	0.0023+0.0015	0.0083+0.0018	0.0000+0.0021	0.0106+0.0084	0.0010+0.0052
072	860725	0.0210+0.0021	0.0000+0.0016	0.0055+0.0019	0.0000+0.0023	0.0000+0.0098	0.0032+0.0062
072	860731	0.0300+0.0028	0.0012+0.0020	0.0134+0.0025	0.0000+0.0029	0.0030+0.0120	0.0055+0.0076
072	860806	0.0164+0.0018	0.0003+0.0015	0.0077+0.0020	0.0000+0.0023	0.0000+0.0101	0.0020+0.0061
072	860812	0.0205+0.0022	0.0003+0.0017	0.0113+0.0023	0.0000+0.0026	0.0074+0.0112	0.0000+0.0069
072	860818	0.0345+0.0031	0.0014+0.0018	0.0120+0.0024	0.0000+0.0027	0.0000+0.0112	0.0000+0.0069
072	860824	0.0215+0.0022	0.0000+0.0018	0.0045+0.0022	0.0000+0.0026	0.0000+0.0113	0.0000+0.0071
072	860830	0.0267+0.0026	0.0017+0.0018	0.0089+0.0022	0.0000+0.0025	0.0000+0.0107	0.0038+0.0068
072	860905	0.0277+0.0027	0.0025+0.0020	0.0103+0.0024	0.0000+0.0028	0.0000+0.0117	0.0058+0.0075
072	860911	0.0295+0.0027	0.0002+0.0017	0.0102+0.0021	0.0000+0.0024	0.0097+0.0105	0.0008+0.0065
072	860917	0.0330+0.0028	0.0018+0.0015	0.0118+0.0020	0.0000+0.0022	0.0115+0.0091	0.0000+0.0055
072	860923	0.0332+0.0030	0.0000+0.0015	0.0091+0.0019	0.0000+0.0023	0.0078+0.0091	0.0023+0.0057
072	860929	0.0518+0.0042	0.0006+0.0016	0.0070+0.0018	0.0000+0.0023	0.0000+0.0091	0.0029+0.0055
072	861005	0.0508+0.0041	0.0009+0.0016	0.0088+0.0019	0.0000+0.0024	0.0065+0.0088	0.0000+0.0055
072	861011	0.0248+0.0023	0.0001+0.0014	0.0069+0.0018	0.0000+0.0021	0.0073+0.0087	0.0012+0.0054
072	861017	0.0481+0.0040	0.0000+0.0016	0.0100+0.0020	0.0000+0.0023	0.0000+0.0097	0.0000+0.0058
072	861023	0.0485+0.0040	0.0023+0.0018	0.0080+0.0021	0.0000+0.0025	0.0000+0.0102	0.0100+0.0066
072	861029	0.0539+0.0043	0.0000+0.0016	0.0115+0.0019	0.0000+0.0022	0.0000+0.0091	0.0060+0.0056
072	861104	0.0666+0.0053	0.0015+0.0017	0.0090+0.0019	0.0000+0.0023	0.0182+0.0095	0.0041+0.0059
072	861110	0.0669+0.0053	0.0060+0.0020	0.0234+0.0027	0.0000+0.0028	0.0000+0.0105	0.0000+0.0063
072	861116	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	861122	0.0348+0.0030	0.0014+0.0015	0.0070+0.0017	0.0036+0.0021	0.0000+0.0086	0.0045+0.0052
072	861128	0.0712+0.0055	0.0021+0.0017	0.0098+0.0018	0.0000+0.0022	0.0057+0.0082	0.0008+0.0050
072	861204	0.0895+0.0069	0.0000+0.0022	0.0119+0.0024	0.0000+0.0030	0.0025+0.0111	0.0040+0.0069
072	861210	0.1053+0.0079	0.0008+0.0022	0.0243+0.0027	0.0000+0.0029	0.0129+0.0099	0.0041+0.0061
072	861216	0.0837+0.0065	0.0022+0.0022	0.0141+0.0025	0.0000+0.0029	0.0000+0.0113	0.0067+0.0073
072	861222	0.0679+0.0054	0.0000+0.0021	0.0129+0.0024	0.0000+0.0028	0.0000+0.0111	0.0129+0.0071
072	861228	0.0909+0.0070	0.0000+0.0020	0.0088+0.0020	0.0000+0.0028	0.0000+0.0100	0.0032+0.0062



PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	PD	AG	CD	IN	SN	SB
072	850805	0.0024+0.0051	0.0000+0.0076	0.0000+0.0094	0.0059+0.0115	0.0000+0.0139	0.0066+0.0222
072	850811	0.0000+0.0048	0.0018+0.0075	0.0000+0.0113	0.0130+0.0127	0.0032+0.0138	0.0224+0.0246
072	850817	0.0068+0.0048	0.0093+0.0067	0.0172+0.0093	0.0000+0.0104	0.0138+0.0120	0.0000+0.0230
072	850823	0.0009+0.0054	0.0152+0.0080	0.0000+0.0103	0.0212+0.0129	0.0289+0.0144	0.0433+0.0252
072	850829	0.0044+0.0068	0.0158+0.0096	0.0167+0.0131	0.0000+0.0148	0.0056+0.0172	0.0000+0.0317
072	850904	0.0060+0.0060	0.0131+0.0085	0.0049+0.0113	0.0000+0.0132	0.0319+0.0157	0.0255+0.0268
072	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	850916	0.0004+0.0050	0.0086+0.0072	0.0204+0.0103	0.0031+0.0116	0.0258+0.0135	0.0456+0.0239
072	850922	0.0010+0.0066	0.0096+0.0095	0.0024+0.0129	0.0159+0.0157	0.0130+0.0174	0.0347+0.0306
072	850928	0.0057+0.0078	0.0000+0.0103	0.0081+0.0147	0.0000+0.0173	0.0320+0.0203	0.0225+0.0345
072	851004	0.0069+0.0089	0.0054+0.0122	0.0157+0.0172	0.0000+0.0198	0.0000+0.0226	0.0620+0.0404
072	851010	0.0000+0.0047	0.0000+0.0075	0.0115+0.0097	0.0056+0.0112	0.0126+0.0128	0.0406+0.0231
072	851016	0.0058+0.0055	0.0031+0.0077	0.0086+0.0107	0.0037+0.0119	0.0000+0.0151	0.0059+0.0246
072	851022	0.0069+0.0053	0.0027+0.0073	0.0159+0.0104	0.0024+0.0113	0.0279+0.0140	0.0026+0.0233
072	851028	0.0029+0.0047	0.0120+0.0073	0.0107+0.0097	0.0000+0.0115	0.0009+0.0125	0.0240+0.0229
072	851103	0.0077+0.0054	0.0102+0.0077	0.0000+0.0098	0.0170+0.0119	0.0000+0.0143	0.0287+0.0245
072	851109	0.0034+0.0078	0.0041+0.0101	0.0188+0.0137	0.0146+0.0165	0.0000+0.0196	0.0147+0.0434
072	851115	0.0000+0.0062	0.0000+0.0084	0.0043+0.0110	0.0132+0.0138	0.0000+0.0167	0.0584+0.0376
072	851121	0.0057+0.0060	0.0000+0.0075	0.0000+0.0096	0.0097+0.0122	0.0000+0.0150	0.0000+0.0315
072	851127	0.0000+0.0062	0.0000+0.0081	0.0055+0.0110	0.0134+0.0137	0.0000+0.0167	0.0127+0.0360
072	851203	0.0117+0.0080	0.0173+0.0105	0.0000+0.0125	0.0062+0.0161	0.0000+0.0200	0.0185+0.0429
072	851209	0.0017+0.0053	0.0000+0.0066	0.0042+0.0091	0.0000+0.0108	0.0092+0.0141	0.0077+0.0296
072	851215	0.0016+0.0058	0.0044+0.0077	0.0000+0.0098	0.0078+0.0123	0.0192+0.0156	0.0268+0.0330
072	851221	0.0000+0.0082	0.0018+0.0108	0.0152+0.0144	0.0217+0.0177	0.0000+0.0215	0.0000+0.0455
072	851227	0.0051+0.0080	0.0105+0.0107	0.0112+0.0137	0.0000+0.0164	0.0000+0.0205	0.0399+0.0452

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	PD	AG	CD	IN	SN	SB
072	860102	0.0000+0.0077	0.0083+0.0099	0.0083+0.0131	0.0032+0.0164	0.0000+0.0198	0.0000+0.0437
072	860108	0.0012+0.0075	0.0148+0.0099	0.0119+0.0128	0.0168+0.0162	0.0312+0.0200	0.0276+0.0436
072	860114	0.0000+0.0066	0.0000+0.0082	0.0003+0.0110	0.0035+0.0140	0.0127+0.0173	0.0174+0.0382
072	860120	0.0000+0.0071	0.0006+0.0088	0.0072+0.0119	0.0038+0.0150	0.0000+0.0182	0.0298+0.0412
072	860126	0.0023+0.0054	0.0034+0.0068	0.0164+0.0094	0.0086+0.0115	0.0244+0.0145	0.0162+0.0311
072	860201	0.0000+0.0059	0.0059+0.0079	0.0177+0.0107	0.0002+0.0129	0.0151+0.0160	0.0000+0.0343
072	860207	0.0030+0.0081	0.0018+0.0101	0.0091+0.0135	0.0038+0.0171	0.0296+0.0213	0.0329+0.0467
072	860213	0.0006+0.0058	0.0076+0.0076	0.0083+0.0099	0.0015+0.0124	0.0000+0.0150	0.0451+0.0349
072	860219	0.0029+0.0088	0.0029+0.0110	0.0000+0.0145	0.0000+0.0184	0.0000+0.0221	0.0000+0.0493
072	860225	0.0000+0.0051	0.0130+0.0072	0.0100+0.0091	0.0043+0.0113	0.0232+0.0143	0.0000+0.0302
072	860303	0.0037+0.0065	0.0095+0.0083	0.0000+0.0113	0.0143+0.0139	0.0130+0.0167	0.0341+0.0375
072	860309	0.0078+0.0084	0.0070+0.0104	0.0179+0.0140	0.0044+0.0174	0.0000+0.0210	0.0000+0.0462
072	860315	0.0017+0.0061	0.0047+0.0077	0.0000+0.0098	0.0087+0.0129	0.0000+0.0153	0.0000+0.0336
072	860321	0.0109+0.0059	0.0074+0.0069	0.0177+0.0095	0.0097+0.0115	0.0162+0.0142	0.0024+0.0305
072	860327	0.0000+0.0068	0.0005+0.0087	0.0245+0.0123	0.0059+0.0147	0.0186+0.0186	0.0174+0.0400
072	860402	0.0000+0.0070	0.0000+0.0092	0.0204+0.0125	0.0000+0.0152	0.0300+0.0184	0.0000+0.0386
072	860408	0.0000+0.0054	0.0050+0.0074	0.0150+0.0097	0.0000+0.0115	0.0031+0.0137	0.0211+0.0312
072	860414	0.0003+0.0053	0.0000+0.0069	0.0000+0.0087	0.0000+0.0112	0.0059+0.0133	0.0336+0.0304
072	860420	0.0063+0.0056	0.0040+0.0070	0.0090+0.0090	0.0000+0.0112	0.0000+0.0138	0.0091+0.0293
072	860426	0.0072+0.0062	0.0064+0.0079	0.0000+0.0095	0.0129+0.0130	0.0000+0.0154	0.0240+0.0331
072	860502	0.0046+0.0062	0.0052+0.0080	0.0000+0.0108	0.0000+0.0129	0.0103+0.0152	0.0000+0.0327
072	860508	0.0000+0.0055	0.0000+0.0071	0.0117+0.0099	0.0005+0.0124	0.0121+0.0144	0.0000+0.0313
072	860514	0.0093+0.0069	0.0000+0.0085	0.0000+0.0106	0.0005+0.0142	0.0180+0.0167	0.0000+0.0355
072	860520	0.0000+0.0069	0.0000+0.0089	0.0000+0.0116	0.0000+0.0149	0.0231+0.0179	0.0499+0.0404
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.0022+0.0074	0.0000+0.0095	0.0000+0.0118	0.0113+0.0160	0.0066+0.0182	0.0000+0.0394
072	860619	0.0005+0.0073	0.0016+0.0095	0.0000+0.0120	0.0097+0.0158	0.0048+0.0180	0.0000+0.0397
072	860625	0.0140+0.0130	0.0000+0.0158	0.0318+0.0215	0.0000+0.0259	0.0484+0.0319	0.1055+0.0721

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	PD	AG	CD	IN	SN	SB
072	860701	0.0091+0.0070	0.0007+0.0087	0.0000+0.0110	0.0000+0.0138	0.0342+0.0172	0.0127+0.0369
072	860707	0.0053+0.0060	0.0043+0.0076	0.0083+0.0097	0.0000+0.0122	0.0233+0.0147	0.0000+0.0308
072	860713	0.0023+0.0073	0.0112+0.0097	0.0108+0.0122	0.0000+0.0154	0.0020+0.0178	0.0000+0.0387
072	860719	0.0069+0.0058	0.0103+0.0075	0.0025+0.0091	0.0077+0.0118	0.0154+0.0138	0.0306+0.0310
072	860725	0.0047+0.0065	0.0000+0.0082	0.0092+0.0108	0.0000+0.0130	0.0079+0.0160	0.0000+0.0347
072	860731	0.0000+0.0075	0.0012+0.0103	0.0037+0.0131	0.0000+0.0164	0.0000+0.0193	0.0046+0.0433
072	860806	0.0000+0.0063	0.0001+0.0082	0.0197+0.0111	0.0000+0.0133	0.0257+0.0162	0.0000+0.0347
072	860812	0.0000+0.0069	0.0000+0.0093	0.0000+0.0118	0.0000+0.0153	0.0170+0.0182	0.0000+0.0395
072	860818	0.0000+0.0070	0.0005+0.0094	0.0023+0.0119	0.0000+0.0151	0.0087+0.0179	0.0000+0.0387
072	860824	0.0000+0.0075	0.0000+0.0097	0.0010+0.0123	0.0000+0.0158	0.0000+0.0182	0.0339+0.0419
072	860830	0.0000+0.0067	0.0000+0.0091	0.0000+0.0124	0.0138+0.0155	0.0066+0.0176	0.0000+0.0382
072	860905	0.0000+0.0074	0.0000+0.0097	0.0155+0.0131	0.0000+0.0159	0.0000+0.0187	0.0000+0.0417
072	860911	0.0000+0.0067	0.0033+0.0090	0.0083+0.0115	0.0000+0.0146	0.0088+0.0170	0.0043+0.0376
072	860917	0.0063+0.0061	0.0055+0.0078	0.0078+0.0099	0.0000+0.0125	0.0219+0.0149	0.0136+0.0324
072	860923	0.0075+0.0062	0.0010+0.0077	0.0165+0.0103	0.0005+0.0127	0.0270+0.0153	0.0000+0.0317
072	860929	0.0083+0.0061	0.0098+0.0079	0.0000+0.0095	0.0000+0.0122	0.0000+0.0149	0.0000+0.0308
072	861005	0.0007+0.0057	0.0097+0.0078	0.0103+0.0099	0.0000+0.0120	0.0000+0.0162	0.0000+0.0309
072	861011	0.0000+0.0055	0.0000+0.0073	0.0069+0.0095	0.0000+0.0120	0.0150+0.0142	0.0484+0.0326
072	861017	0.0029+0.0062	0.0026+0.0079	0.0105+0.0104	0.0000+0.0126	0.0136+0.0153	0.0134+0.0339
072	861023	0.0100+0.0071	0.0139+0.0092	0.0100+0.0114	0.0000+0.0140	0.0153+0.0169	0.0000+0.0360
072	861029	0.0017+0.0059	0.0000+0.0072	0.0037+0.0097	0.0000+0.0117	0.0000+0.0143	0.0356+0.0332
072	861104	0.0017+0.0061	0.0027+0.0078	0.0014+0.0100	0.0000+0.0127	0.0036+0.0151	0.0195+0.0341
072	861110	0.0090+0.0068	0.0120+0.0087	0.0101+0.0110	0.0000+0.0134	0.0000+0.0173	0.0214+0.0363
072	861116	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	861122	0.0047+0.0057	0.0008+0.0070	0.0097+0.0092	0.0053+0.0118	0.0083+0.0135	0.0150+0.0302
072	861128	0.0076+0.0057	0.0029+0.0070	0.0046+0.0090	0.0153+0.0118	0.0000+0.0141	0.0276+0.0307
072	861204	0.0000+0.0070	0.0001+0.0094	0.0000+0.0119	0.0000+0.0151	0.0028+0.0181	0.0259+0.0412
072	861210	0.0000+0.0063	0.0000+0.0077	0.0000+0.0113	0.0000+0.0136	0.0249+0.0164	0.0000+0.0350
072	861216	0.0032+0.0076	0.0107+0.0100	0.0043+0.0125	0.0000+0.0159	0.0068+0.0189	0.0034+0.0420
072	861222	0.0000+0.0072	0.0108+0.0099	0.0218+0.0128	0.0000+0.0157	0.0246+0.0189	0.0501+0.0424
072	861228	0.0000+0.0064	0.0000+0.0082	0.0204+0.0114	0.0020+0.0139	0.0069+0.0162	0.0299+0.0370

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	BA	LA	HG	PB
072	850805	0.0000+0.0638	0.1254+0.0942	0.0001+0.0016	0.3065+0.0172
072	850811	0.1084+0.0682	0.0000+0.1032	0.0005+0.0016	0.0687+0.0062
072	850817	0.0000+0.0588	0.0000+0.0898	0.0033+0.0016	0.0905+0.0068
072	850823	0.0000+0.0689	0.0000+0.1033	0.0000+0.0018	0.3404+0.0191
072	850829	0.0419+0.0827	0.0715+0.1240	0.0032+0.0021	0.2876+0.0167
072	850904	0.0730+0.0732	0.1239+0.1102	0.0036+0.0019	0.0951+0.0075
072	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	850916	0.0703+0.0630	0.0000+0.0978	0.0005+0.0016	0.1005+0.0074
072	850922	0.0229+0.0830	0.0347+0.1244	0.0018+0.0020	0.1216+0.0090
072	850928	0.0000+0.0944	0.1899+0.1443	0.0008+0.0023	0.1319+0.0098
072	851004	0.0000+0.1076	0.0000+0.1625	0.0003+0.0027	0.2791+0.0168
072	851010	0.0000+0.0653	0.0000+0.0963	0.0009+0.0017	0.2147+0.0128
072	851016	0.1301+0.0675	0.1786+0.1072	0.0006+0.0015	0.2110+0.0127
072	851022	0.1267+0.0644	0.1438+0.1015	0.0000+0.0014	0.2546+0.0147
072	851028	0.0000+0.0618	0.1155+0.0958	0.0023+0.0015	0.2097+0.0125
072	851103	0.0000+0.0662	0.1086+0.1022	0.0018+0.0017	0.3331+0.0185
072	851109	0.0237+0.0836	0.0000+0.1508	0.0000+0.0014	0.0816+0.0083
072	851115	0.0941+0.0711	0.0000+0.1260	0.0008+0.0013	0.3046+0.0229
072	851121	0.0453+0.0627	0.0000+0.1173	0.0003+0.0012	0.2123+0.0164
072	851127	0.0000+0.0691	0.0445+0.1263	0.0012+0.0013	0.1064+0.0094
072	851203	0.0169+0.0826	0.0000+0.1472	0.0009+0.0015	0.2174+0.0170
072	851209	0.0322+0.0574	0.0000+0.1083	0.0000+0.0009	0.1875+0.0146
072	851215	0.0608+0.0634	0.1196+0.1153	0.0010+0.0012	0.2608+0.0197
072	851221	0.0675+0.0898	0.1836+0.1641	0.0000+0.0016	0.5733+0.0422
072	851227	0.0000+0.0855	0.0000+0.1545	0.0027+0.0016	0.2787+0.0213

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	BA	LA	HG	PB
072	860102	0.0000+0.0839	0.0000+0.1553	0.0000+0.0015	0.1758+0.0138
072	860108	0.0488+0.0824	0.0000+0.1477	0.0016+0.0016	0.4421+0.0311
072	860114	0.0377+0.0726	0.1603+0.1358	0.0002+0.0013	0.2074+0.0155
072	860120	0.0102+0.0772	0.0000+0.1420	0.0000+0.0013	0.1673+0.0131
072	860126	0.0828+0.0599	0.0115+0.1078	0.0000+0.0011	0.3070+0.0218
072	860201	0.0904+0.0681	0.2091+0.1269	0.0000+0.0012	0.1860+0.0141
072	860207	0.0000+0.0862	0.0000+0.1617	0.0002+0.0016	0.4197+0.0296
072	860213	0.0276+0.0639	0.0000+0.1167	0.0000+0.0012	0.0668+0.0067
072	860219	0.0000+0.0937	0.0000+0.1719	0.0000+0.0017	0.0900+0.0089
072	860225	0.0000+0.0610	0.0000+0.1124	0.0019+0.0013	0.3674+0.0257
072	860303	0.1115+0.0715	0.0307+0.1290	0.0000+0.0013	0.2941+0.0212
072	860309	0.0000+0.0890	0.0000+0.1643	0.0005+0.0016	0.0643+0.0075
072	860315	0.0454+0.0660	0.0000+0.1192	0.0000+0.0011	0.1053+0.0089
072	860321	0.1022+0.0601	0.1253+0.1094	0.0013+0.0012	0.2722+0.0196
072	860327	0.0477+0.0759	0.2503+0.1433	0.0000+0.0014	0.2878+0.0208
072	860402	0.0386+0.0757	0.0799+0.1374	0.0001+0.0014	0.1135+0.0100
072	860408	0.0000+0.0603	0.1436+0.1076	0.0000+0.0010	0.1822+0.0143
072	860414	0.0208+0.0559	0.0000+0.1055	0.0020+0.0012	0.1677+0.0132
072	860420	0.0809+0.0566	0.1493+0.1028	0.0018+0.0013	0.2744+0.0207
072	860426	0.0774+0.0629	0.2304+0.1163	0.0000+0.0010	0.1073+0.0093
072	860502	0.0345+0.0637	0.0905+0.1160	0.0005+0.0011	0.1582+0.0128
072	860508	0.1023+0.0621	0.1665+0.1120	0.0000+0.0011	0.1382+0.0114
072	860514	0.0717+0.0704	0.0716+0.1265	0.0000+0.0013	0.1159+0.0101
072	860520	0.0000+0.0736	0.0296+0.1344	0.0010+0.0014	0.0987+0.0092
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.0000+0.0762	0.0000+0.1384	0.0000+0.0014	0.1093+0.0099
072	860619	0.0000+0.0750	0.0000+0.1374	0.0000+0.0014	0.1435+0.0121
072	860625	0.1249+0.1321	0.0197+0.2354	0.0005+0.0023	0.1818+0.0170

PM10 CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	BA	LA	HG	PB
072	860701	0.0390+0.0699	0.1168+0.1276	0.0010+0.0014	0.2169+0.0169
072	860707	0.0465+0.0607	0.0998+0.1104	0.0000+0.0012	0.0969+0.0086
072	860713	0.0000+0.0750	0.0000+0.1360	0.0000+0.0013	0.1106+0.0099
072	860719	0.0800+0.0584	0.1386+0.1058	0.0006+0.0012	0.1430+0.0116
072	860725	0.0728+0.0682	0.1638+0.1244	0.0000+0.0013	0.0784+0.0077
072	860731	0.0000+0.0805	0.0000+0.1464	0.0000+0.0015	0.1550+0.0129
072	860806	0.0000+0.0653	0.0000+0.1192	0.0000+0.0011	0.1470+0.0121
072	860812	0.0000+0.0743	0.1989+0.1402	0.0000+0.0014	0.1308+0.0112
072	860818	0.0000+0.0741	0.0609+0.1370	0.0013+0.0015	0.2263+0.0176
072	860824	0.0162+0.0780	0.0244+0.1414	0.0000+0.0014	0.0798+0.0081
072	860830	0.0000+0.0735	0.0072+0.1343	0.0000+0.0013	0.0830+0.0082
072	860905	0.0000+0.0781	0.1679+0.1476	0.0019+0.0016	0.1605+0.0133
072	860911	0.0000+0.0712	0.1481+0.1316	0.0007+0.0014	0.1020+0.0093
072	860917	0.0000+0.0634	0.1729+0.1137	0.0000+0.0011	0.1707+0.0136
072	860923	0.0910+0.0634	0.1213+0.1139	0.0000+0.0012	0.2952+0.0224
072	860929	0.0765+0.0614	0.1217+0.1109	0.0000+0.0010	0.2663+0.0204
072	861005	0.0311+0.0606	0.1129+0.1111	0.0000+0.0010	0.3221+0.0242
072	861011	0.0785+0.0603	0.0936+0.1083	0.0002+0.0012	0.1123+0.0097
072	861017	0.0000+0.0668	0.0243+0.1155	0.0000+0.0012	0.1963+0.0155
072	861023	0.0504+0.0708	0.0940+0.1285	0.0000+0.0013	0.2312+0.0180
072	861029	0.0000+0.0624	0.1310+0.1114	0.0022+0.0014	0.1904+0.0150
072	861104	0.0000+0.0629	0.0000+0.1140	0.0001+0.0013	0.2210+0.0172
072	861110	0.0989+0.0689	0.0000+0.1210	0.0006+0.0014	0.4105+0.0306
072	861116	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	861122	0.0000+0.0619	0.1074+0.1043	0.0012+0.0012	0.1942+0.0153
072	861128	0.0000+0.0594	0.0597+0.1020	0.0013+0.0013	0.2779+0.0211
072	861204	0.1124+0.0795	0.0793+0.1391	0.0020+0.0016	0.3893+0.0292
072	861210	0.0714+0.0691	0.0682+0.1215	0.0015+0.0015	0.4704+0.0348
072	861216	0.0686+0.0812	0.0000+0.1415	0.0000+0.0015	0.2874+0.0220
072	861222	0.0000+0.0783	0.0000+0.1380	0.0023+0.0016	0.2417+0.0189
072	861228	0.1021+0.0709	0.0000+0.1272	0.0000+0.0014	0.4436+0.0331



## Part D

PM<sub>10</sub> Concentrations Measured at Hawthorne

This section contains data on PM<sub>10</sub> mass concentration and chemical composition measured at Hawthorne. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule over the period August 1985 - December 1986. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following PM<sub>10</sub> ( $d_p < 10 \mu\text{m AD}$ ) aerosol species: PM<sub>10</sub> mass, organic carbon (OC), elemental carbon (EC), total carbon (TC = OC + EC), NO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>, SO<sub>4</sub><sup>=</sup>, NH<sub>4</sub><sup>+</sup>, Na<sup>+</sup>, Mg<sup>++</sup>, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.99 \pm -9.99$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol < are determined to be below their detection limit. In that case, the measured concentration is bounded up to the sample detection limit and the error bound is determined by statistically propagating the sampling and analysis precisions for that sample. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol < has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by Cl<sup>-</sup>, while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Water soluble PM<sub>10</sub> Br<sup>-</sup> aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.



PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	MASS	OC	EC	TC	NH4+
076	850805	32.72+- 2.84	5.17+- 0.50	1.08+- 0.30	6.25+- 0.19	1.96+- 0.08
076	850811	29.35+- 2.82	3.47+- 0.41	0.72+- 0.28	4.19+- 0.13	< 0.08+- 0.00
076	850817	27.85+- 2.82	2.74+- 0.38	1.08+- 0.29	3.82+- 0.11	1.95+- 0.08
076	850823	54.03+- 2.85	12.74+- 0.88	3.22+- 0.40	15.96+- 0.48	1.48+- 0.06
076	850829	55.57+- 2.83	8.97+- 0.69	2.39+- 0.36	11.37+- 0.34	1.56+- 0.06
076	850904	25.04+- 2.81	4.42+- 0.46	2.28+- 0.35	6.70+- 0.20	0.60+- 0.02
076	850910	29.05+- 2.83	3.94+- 0.44	2.04+- 0.34	5.98+- 0.18	0.37+- 0.01
076	850916	53.78+- 2.83	4.95+- 0.49	2.66+- 0.38	7.61+- 0.23	1.44+- 0.06
076	850922	45.46+- 2.86	8.33+- 0.66	1.78+- 0.33	10.10+- 0.30	2.31+- 0.09
076	850928	23.68+- 2.87	5.55+- 0.52	1.48+- 0.32	7.03+- 0.21	1.72+- 0.07
076	851004	62.88+- 2.92	16.39+- 1.06	5.46+- 0.52	21.85+- 0.66	2.39+- 0.10
076	851010	44.91+- 2.90	11.04+- 0.79	4.61+- 0.47	15.65+- 0.47	0.82+- 0.03
076	851016	64.44+- 2.92	18.77+- 1.18	4.63+- 0.47	23.39+- 0.70	2.16+- 0.09
076	851022	25.59+- 2.89	8.51+- 0.67	3.65+- 0.43	12.16+- 0.36	0.71+- 0.03
076	851028	46.62+- 2.89	9.06+- 0.70	2.57+- 0.37	11.62+- 0.35	4.91+- 0.20
076	851103	76.41+- 2.93	20.47+- 1.27	3.65+- 0.43	24.12+- 0.72	4.37+- 0.17
076	851109	32.95+- 2.88	5.40+- 0.51	1.77+- 0.33	7.17+- 0.22	1.07+- 0.04
076	851115	50.08+- 2.91	15.79+- 1.03	6.62+- 0.58	22.41+- 0.67	1.34+- 0.05
076	851121	81.42+- 2.94	17.16+- 1.10	5.84+- 0.54	23.00+- 0.69	6.62+- 0.26
076	851127	26.56+- 2.89	6.51+- 0.57	2.58+- 0.37	9.10+- 0.27	2.49+- 0.10
076	851203	47.52+- 2.93	10.77+- 0.78	4.77+- 0.48	15.54+- 0.47	1.62+- 0.06
076	851209	31.33+- 2.90	10.52+- 0.77	4.77+- 0.48	15.30+- 0.46	0.83+- 0.03
076	851215	34.54+- 2.90	13.04+- 0.90	4.43+- 0.47	17.47+- 0.52	0.70+- 0.03
076	851221	149.48+- 3.09	32.45+- 1.87	7.11+- 0.60	39.56+- 1.19	11.17+- 0.45
076	851227	97.21+- 2.98	14.78+- 0.99	3.45+- 0.42	18.23+- 0.55	12.40+- 0.50

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	MASS	OC	EC	TC	NH4+
076	860102	66.23+- 2.90	8.01+- 0.64	2.47+- 0.37	10.48+- 0.31	8.46+- 0.34
076	860108	44.01+- 2.89	13.04+- 0.89	6.43+- 0.56	19.47+- 0.58	0.18+- 0.01
076	860114	63.23+- 2.91	13.53+- 0.92	4.72+- 0.48	18.25+- 0.55	2.61+- 0.10
076	860120	59.07+- 2.88	9.36+- 0.71	1.88+- 0.34	11.24+- 0.34	6.13+- 0.25
076	860126	30.55+- 2.86	9.90+- 0.74	3.12+- 0.40	13.01+- 0.39	0.24+- 0.01
076	860201	51.59+- 2.93	9.09+- 0.70	2.14+- 0.35	11.23+- 0.34	1.68+- 0.07
076	860207	40.93+- 2.91	10.82+- 0.79	4.64+- 0.48	15.47+- 0.46	0.94+- 0.04
076	860213	29.43+- 2.89	6.45+- 0.57	3.08+- 0.40	9.52+- 0.29	2.23+- 0.09
076	860219	18.05+- 6.25	3.74+- 0.72	0.66+- 0.56	4.40+- 0.13	0.65+- 0.03
076	860225	76.90+- 2.89	18.88+- 1.18	6.07+- 0.54	24.95+- 0.75	3.05+- 0.12
076	860303	42.84+- 2.87	7.18+- 0.60	1.76+- 0.33	8.94+- 0.27	3.95+- 0.16
076	860309	32.17+- 2.88	6.22+- 0.56	1.07+- 0.30	7.29+- 0.22	0.56+- 0.02
076	860315	35.67+- 2.89	8.30+- 0.66	2.13+- 0.35	10.43+- 0.31	0.81+- 0.03
076	860321	40.88+- 2.85	12.44+- 0.86	5.25+- 0.50	17.69+- 0.53	0.72+- 0.03
076	860327	90.92+- 2.93	15.73+- 1.03	3.86+- 0.43	19.59+- 0.59	8.42+- 0.34
076	860402	34.98+- 2.88	4.80+- 0.48	0.70+- 0.28	5.49+- 0.16	0.45+- 0.02
076	860408	18.64+- 2.86	6.38+- 0.56	2.60+- 0.37	8.98+- 0.27	0.58+- 0.02
076	860414	29.83+- 2.86	7.14+- 0.60	1.48+- 0.32	8.61+- 0.26	1.13+- 0.05
076	860420	35.59+- 2.82	10.85+- 0.78	2.52+- 0.36	13.37+- 0.40	1.04+- 0.04
076	860426	40.54+- 2.86	7.82+- 0.63	1.67+- 0.33	9.49+- 0.28	1.80+- 0.07
076	860502	43.20+- 2.85	6.45+- 0.56	2.03+- 0.34	8.48+- 0.25	1.27+- 0.05
076	860508	45.41+- 2.87	6.40+- 0.56	1.56+- 0.32	7.97+- 0.24	1.78+- 0.07
076	860514	40.39+- 2.86	3.93+- 0.44	0.77+- 0.28	4.70+- 0.14	3.37+- 0.13
076	860520	58.52+- 2.90	5.45+- 0.51	1.28+- 0.31	6.73+- 0.20	3.76+- 0.15
076	860526	44.93+- 2.87	4.94+- 0.49	0.82+- 0.28	5.76+- 0.17	4.67+- 0.19
076	860601	38.92+- 2.89	4.27+- 0.46	0.49+- 0.27	4.76+- 0.14	4.48+- 0.18
076	860607	37.57+- 2.87	5.03+- 0.49	0.57+- 0.27	5.60+- 0.17	2.49+- 0.10
076	860613	37.84+- 2.87	4.69+- 0.48	0.76+- 0.28	5.45+- 0.16	2.66+- 0.11
076	860619	53.54+- 2.87	6.50+- 0.57	1.39+- 0.31	7.89+- 0.24	1.73+- 0.07
076	860625	42.62+- 2.86	3.81+- 0.43	0.58+- 0.27	4.38+- 0.13	5.97+- 0.24

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	MASS	OC	EC	TC	NH4+
076	860701	38.99+- 2.85	4.48+- 0.46	1.18+- 0.30	5.66+- 0.17	1.80+- 0.07
076	860707	19.83+- 2.83	1.91+- 0.33	0.34+- 0.26	2.24+- 0.07	0.75+- 0.03
076	860713	30.00+- 2.86	3.21+- 0.40	0.53+- 0.27	3.74+- 0.11	2.18+- 0.09
076	860719	40.65+- 2.86	3.08+- 0.39	1.29+- 0.31	4.38+- 0.13	1.12+- 0.04
076	860725	22.40+- 2.85	1.91+- 0.34	0.69+- 0.27	2.60+- 0.08	1.05+- 0.04
076	860731	42.53+- 2.87	3.74+- 0.43	1.13+- 0.30	4.87+- 0.15	4.16+- 0.17
076	860806	50.35+- 2.87	5.47+- 0.51	2.41+- 0.36	7.88+- 0.24	6.51+- 0.26
076	860812	33.11+- 2.86	3.20+- 0.40	0.67+- 0.27	3.87+- 0.12	3.43+- 0.14
076	860818	53.78+- 2.86	11.35+- 0.81	4.28+- 0.45	15.63+- 0.47	2.44+- 0.10
076	860824	44.57+- 2.88	5.06+- 0.49	1.69+- 0.33	6.76+- 0.20	3.70+- 0.15
076	860830	38.50+- 2.85	4.76+- 0.48	1.57+- 0.32	6.33+- 0.19	1.69+- 0.07
076	860905	38.15+- 2.87	7.30+- 0.61	1.47+- 0.31	8.77+- 0.26	3.44+- 0.14
076	860911	35.82+- 2.87	4.80+- 0.48	0.93+- 0.29	5.73+- 0.17	2.26+- 0.09
076	860917	41.60+- 2.88	9.29+- 0.71	3.20+- 0.40	12.49+- 0.37	0.73+- 0.03
076	860923	31.50+- 2.87	5.81+- 0.53	2.28+- 0.36	8.09+- 0.24	0.96+- 0.04
076	860929	39.60+- 2.88	8.82+- 0.68	3.33+- 0.41	12.15+- 0.36	1.47+- 0.06
076	861005	35.66+- 2.89	9.66+- 0.73	3.49+- 0.42	13.14+- 0.39	1.80+- 0.07
076	861011	22.71+- 2.88	3.64+- 0.43	0.56+- 0.27	4.20+- 0.13	1.87+- 0.07
076	861017	32.94+- 2.88	5.78+- 0.53	2.30+- 0.36	8.07+- 0.24	1.92+- 0.08
076	861023	48.22+- 2.89	7.08+- 0.60	2.87+- 0.39	9.96+- 0.30	3.18+- 0.13
076	861029	46.69+- 2.87	8.19+- 0.65	3.47+- 0.42	11.67+- 0.35	3.14+- 0.13
076	861104	51.09+- 2.88	9.07+- 0.70	2.93+- 0.39	12.00+- 0.36	2.99+- 0.12
076	861110	65.99+- 2.92	13.71+- 0.93	6.23+- 0.55	19.94+- 0.60	0.71+- 0.03
076	861116	-9.99+- -9.99	16.20+- 1.05	4.67+- 0.47	20.86+- 0.63	7.27+- 0.29
076	861122	25.13+- 2.88	4.54+- 0.47	1.08+- 0.30	5.62+- 0.17	0.41+- 0.02
076	861128	39.16+- 2.87	11.54+- 0.82	4.67+- 0.48	16.21+- 0.49	1.52+- 0.06
076	861204	145.79+- 3.06	21.23+- 1.30	8.66+- 0.68	29.89+- 0.90	16.29+- 0.65
076	861210	96.63+- 2.95	22.80+- 1.38	10.22+- 0.75	33.02+- 0.99	5.51+- 0.22
076	861216	103.94+- 2.98	22.16+- 1.35	9.87+- 0.74	32.03+- 0.96	5.67+- 0.23
076	861222	70.41+- 2.93	15.87+- 1.04	7.24+- 0.61	23.11+- 0.69	1.84+- 0.07
076	861228	106.29+- 2.99	30.71+- 1.78	8.50+- 0.67	39.21+- 1.18	8.91+- 0.36

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	CL-	NO3-	SO4=	NA+
076	850805	0.35+- 0.04	2.93+- 0.18	6.76+- 0.32	1.79+- 0.14
076	850811	1.22+- 0.14	3.30+- 0.20	5.70+- 0.27	2.31+- 0.17
076	850817	0.10+- 0.01	0.89+- 0.06	9.10+- 0.44	0.95+- 0.08
076	850823	0.23+- 0.03	4.19+- 0.25	5.48+- 0.26	1.45+- 0.12
076	850829	1.76+- 0.21	8.16+- 0.49	6.37+- 0.31	3.99+- 0.29
076	850904	2.21+- 0.26	1.92+- 0.12	2.74+- 0.13	2.12+- 0.16
076	850910	2.41+- 0.29	1.85+- 0.12	1.90+- 0.09	2.48+- 0.19
076	850916	3.08+- 0.37	6.81+- 0.41	5.06+- 0.24	4.31+- 0.31
076	850922	1.17+- 0.14	6.09+- 0.37	6.42+- 0.31	2.85+- 0.21
076	850928	0.54+- 0.06	2.44+- 0.15	4.95+- 0.24	1.24+- 0.10
076	851004	0.36+- 0.04	5.57+- 0.34	6.08+- 0.29	1.04+- 0.09
076	851010	1.71+- 0.20	3.23+- 0.20	2.69+- 0.13	1.98+- 0.15
076	851016	1.06+- 0.13	7.87+- 0.47	3.87+- 0.19	1.33+- 0.11
076	851022	0.90+- 0.11	1.99+- 0.12	1.57+- 0.08	0.73+- 0.07
076	851028	0.46+- 0.06	6.27+- 0.38	10.80+- 0.52	1.25+- 0.10
076	851103	0.61+- 0.07	12.07+- 0.72	5.06+- 0.24	1.07+- 0.09
076	851109	7.83+- 0.93	8.50+- 0.51	6.15+- 0.30	7.70+- 0.54
076	851115	0.88+- 0.10	4.92+- 0.30	1.69+- 0.08	0.81+- 0.07
076	851121	1.46+- 0.17	20.03+- 1.19	3.47+- 0.17	0.82+- 0.07
076	851127	1.03+- 0.12	5.14+- 0.31	4.17+- 0.20	1.17+- 0.10
076	851203	1.57+- 0.19	4.21+- 0.26	2.03+- 0.10	0.91+- 0.08
076	851209	0.44+- 0.05	2.98+- 0.18	1.57+- 0.08	0.54+- 0.05
076	851215	0.67+- 0.08	2.49+- 0.15	1.34+- 0.06	0.51+- 0.05
076	851221	1.15+- 0.14	32.57+- 1.93	5.34+- 0.26	1.19+- 0.10
076	851227	0.82+- 0.10	24.05+- 1.43	12.74+- 0.61	0.56+- 0.06

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
076	860102	1.28+- 0.22	19.79+- 0.83	7.36+- 0.35	1.10+- 0.08	0.15+- 0.01
076	860108	0.19+- 0.04	1.11+- 0.05	1.08+- 0.05	0.21+- 0.02	0.14+- 0.01
076	860114	2.58+- 0.44	8.93+- 0.38	3.57+- 0.17	2.46+- 0.17	0.35+- 0.03
076	860120	0.62+- 0.11	11.18+- 0.47	9.15+- 0.44	1.38+- 0.10	0.15+- 0.01
076	860126	0.33+- 0.06	1.28+- 0.05	0.95+- 0.05	0.42+- 0.03	0.11+- 0.01
076	860201	2.98+- 0.51	5.11+- 0.21	2.88+- 0.14	2.75+- 0.19	0.31+- 0.03
076	860207	0.96+- 0.17	3.14+- 0.13	1.77+- 0.08	1.08+- 0.08	0.16+- 0.01
076	860213	0.45+- 0.08	5.13+- 0.22	1.57+- 0.08	0.17+- 0.01	0.03+- 0.00
076	860219	0.78+- 0.15	0.80+- 0.03	1.65+- 0.08	0.56+- 0.05	0.10+- 0.01
076	860225	1.14+- 0.20	9.24+- 0.39	4.90+- 0.23	1.58+- 0.11	0.26+- 0.02
076	860303	0.64+- 0.11	5.04+- 0.21	8.03+- 0.39	1.10+- 0.08	0.21+- 0.02
076	860309	3.79+- 0.64	2.86+- 0.12	1.74+- 0.08	2.95+- 0.20	0.35+- 0.03
076	860315	2.87+- 0.49	2.44+- 0.10	1.74+- 0.08	1.91+- 0.13	0.26+- 0.02
076	860321	0.62+- 0.11	2.32+- 0.10	2.02+- 0.10	0.85+- 0.06	0.15+- 0.01
076	860327	0.14+- 0.03	7.20+- 0.30	13.99+- 0.67	0.46+- 0.03	0.09+- 0.01
076	860402	3.07+- 0.52	2.33+- 0.10	2.09+- 0.10	2.66+- 0.18	0.34+- 0.03
076	860408	-9.99+-9.99	1.84+- 0.08	1.94+- 0.09	1.18+- 0.08	0.16+- 0.01
076	860414	0.89+- 0.16	3.84+- 0.16	2.67+- 0.13	1.50+- 0.11	0.22+- 0.02
076	860420	0.89+- 0.16	2.15+- 0.09	2.66+- 0.13	0.96+- 0.07	0.17+- 0.01
076	860426	2.30+- 0.39	6.72+- 0.28	5.25+- 0.25	3.28+- 0.23	0.42+- 0.04
076	860502	2.27+- 0.39	5.58+- 0.23	4.36+- 0.21	2.95+- 0.20	0.54+- 0.05
076	860508	2.58+- 0.44	8.83+- 0.37	4.33+- 0.21	3.58+- 0.25	0.46+- 0.04
076	860514	1.15+- 0.20	6.22+- 0.26	9.51+- 0.46	3.28+- 0.23	0.40+- 0.03
076	860520	0.61+- 0.11	5.13+- 0.22	12.83+- 0.62	2.57+- 0.18	0.35+- 0.03
076	860526	0.09+- 0.02	3.72+- 0.16	14.41+- 0.69	1.92+- 0.13	0.26+- 0.02
076	860601	0.26+- 0.05	3.36+- 0.14	13.17+- 0.63	1.51+- 0.11	0.20+- 0.02
076	860607	1.51+- 0.26	6.34+- 0.27	7.24+- 0.35	2.86+- 0.20	0.34+- 0.03
076	860613	1.45+- 0.25	4.75+- 0.20	8.72+- 0.42	3.00+- 0.21	0.33+- 0.03
076	860619	3.53+- 0.60	7.28+- 0.31	6.05+- 0.29	4.77+- 0.33	0.58+- 0.05
076	860625	0.25+- 0.05	2.92+- 0.12	16.26+- 0.78	1.29+- 0.09	0.18+- 0.02

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
076	860701	1.05+- 0.18	5.55+- 0.23	6.72+- 0.32	2.90+- 0.20	0.35+- 0.03
076	860707	1.66+- 0.29	2.36+- 0.10	2.80+- 0.13	1.83+- 0.13	0.23+- 0.02
076	860713	0.45+- 0.08	2.35+- 0.10	6.51+- 0.31	1.34+- 0.09	0.18+- 0.02
076	860719	2.20+- 0.38	5.97+- 0.25	4.14+- 0.20	3.47+- 0.24	0.44+- 0.04
076	860725	1.76+- 0.30	2.19+- 0.09	3.66+- 0.18	1.83+- 0.13	0.24+- 0.02
076	860731	0.11+- 0.02	1.93+- 0.08	13.33+- 0.64	1.15+- 0.08	0.19+- 0.02
076	860806	0.05+- 0.02	1.48+- 0.06	20.43+- 0.98	1.20+- 0.08	0.20+- 0.02
076	860812	0.28+- 0.05	2.31+- 0.10	11.40+- 0.55	1.57+- 0.11	0.20+- 0.02
076	860818	0.12+- 0.03	4.67+- 0.20	6.97+- 0.33	1.48+- 0.10	0.22+- 0.02
076	860824	0.13+- 0.03	3.84+- 0.16	12.03+- 0.58	1.99+- 0.14	0.26+- 0.02
076	860830	1.76+- 0.30	6.84+- 0.29	6.09+- 0.29	3.66+- 0.25	0.45+- 0.04
076	860905	0.23+- 0.05	3.09+- 0.13	10.87+- 0.52	1.52+- 0.11	0.22+- 0.02
076	860911	0.45+- 0.08	4.63+- 0.19	7.60+- 0.37	2.42+- 0.17	0.31+- 0.03
076	860917	1.71+- 0.29	3.12+- 0.13	2.72+- 0.13	2.03+- 0.14	0.27+- 0.02
076	860923	1.63+- 0.28	3.63+- 0.15	3.16+- 0.15	2.17+- 0.15	0.28+- 0.02
076	860929	0.33+- 0.06	4.45+- 0.19	3.63+- 0.17	1.11+- 0.08	0.18+- 0.02
076	861005	0.18+- 0.04	3.26+- 0.14	2.79+- 0.13	0.39+- 0.03	0.11+- 0.01
076	861011	0.29+- 0.05	1.99+- 0.08	5.28+- 0.25	0.88+- 0.06	0.13+- 0.01
076	861017	1.28+- 0.22	2.70+- 0.11	5.11+- 0.25	1.38+- 0.10	0.22+- 0.02
076	861023	0.50+- 0.09	6.82+- 0.29	6.53+- 0.31	1.40+- 0.10	0.20+- 0.02
076	861029	0.73+- 0.13	7.25+- 0.30	6.11+- 0.29	1.61+- 0.11	0.24+- 0.02
076	861104	1.39+- 0.24	9.41+- 0.40	6.28+- 0.30	2.16+- 0.15	0.30+- 0.03
076	861110	0.38+- 0.07	2.55+- 0.11	2.02+- 0.10	0.59+- 0.04	0.21+- 0.02
076	861116	0.15+- 0.03	22.08+- 0.93	4.40+- 0.21	0.46+- 0.03	0.12+- 0.01
076	861122	0.26+- 0.05	0.81+- 0.03	0.90+- 0.04	0.37+- 0.03	0.08+- 0.01
076	861128	0.70+- 0.12	5.31+- 0.22	2.07+- 0.10	0.82+- 0.06	0.16+- 0.01
076	861204	1.22+- 0.21	49.08+- 2.06	7.06+- 0.34	0.67+- 0.05	0.19+- 0.02
076	861210	0.43+- 0.08	16.64+- 0.70	2.84+- 0.14	0.40+- 0.03	0.17+- 0.01
076	861216	0.88+- 0.15	16.47+- 0.69	5.46+- 0.26	1.15+- 0.08	0.28+- 0.02
076	861222	0.91+- 0.16	5.57+- 0.23	2.65+- 0.13	0.85+- 0.06	0.24+- 0.02
076	861228	1.09+- 0.19	25.17+- 1.06	3.80+- 0.18	0.99+- 0.07	0.20+- 0.02

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	AL	SI	P	S	CL	K
076	850805	0.6243+0.0768	1.1513+0.1497	0.1107+0.0227	2.6681+0.1429	0.4757+0.0295	0.2069+0.0128
076	850811	0.4560+0.0565	0.7613+0.0993	0.0858+0.0176	2.1896+0.1184	1.2344+0.0670	0.1848+0.0118
076	850817	0.5591+0.0689	1.2185+0.1584	0.1151+0.0234	3.3510+0.1770	0.0596+0.0105	0.1854+0.0118
076	850823	1.6330+0.1984	4.5442+0.5890	0.2045+0.0413	2.1514+0.1188	0.3138+0.0220	0.7327+0.0392
076	850829	1.1567+0.1410	2.9198+0.3787	0.1760+0.0356	2.5536+0.1379	1.6966+0.0903	0.5259+0.0289
076	850904	0.4077+0.0508	0.7866+0.1026	0.0938+0.0192	1.2327+0.0716	2.3105+0.1211	0.1926+0.0121
076	850910	0.6254+0.0769	1.4820+0.1925	0.1182+0.0241	1.0163+0.0610	3.3149+0.1716	0.2692+0.0159
076	850916	0.8367+0.1025	1.9009+0.2468	0.1593+0.0323	2.1064+0.1152	3.6759+0.1899	0.4222+0.0237
076	850922	0.6553+0.0808	1.5623+0.2030	0.1402+0.0286	2.3221+0.1267	1.2865+0.0700	0.3756+0.0214
076	850928	0.2932+0.0376	0.7992+0.1043	0.0904+0.0189	1.8028+0.1003	0.7408+0.0428	0.1546+0.0106
076	851004	1.0668+0.1302	2.7507+0.3568	0.1774+0.0360	2.1585+0.1210	0.3305+0.0235	0.4471+0.0249
076	851010	1.2261+0.1494	3.1700+0.4111	0.1566+0.0318	1.2250+0.0747	2.1768+0.1145	0.4566+0.0254
076	851016	1.3244+0.1613	3.4695+0.4498	0.2009+0.0406	1.6186+0.0946	1.1300+0.0622	0.7371+0.0395
076	851022	0.3770+0.0472	0.8913+0.1161	0.1104+0.0225	0.7743+0.0528	1.1650+0.0638	0.1740+0.0111
076	851028	0.5264+0.0650	1.0470+0.1362	0.1519+0.0308	3.7185+0.1960	0.2497+0.0192	0.2080+0.0129
076	851103	1.0862+0.1327	2.6083+0.3384	0.1815+0.0368	1.8931+0.1087	0.3244+0.0232	0.4884+0.0271
076	851109	0.4798+0.0642	1.1891+0.1656	0.0855+0.0180	1.5085+0.1143	4.4792+0.3211	0.3065+0.0235
076	851115	0.8672+0.1147	2.1193+0.2947	0.1006+0.0210	0.8499+0.0756	0.9304+0.0699	0.3531+0.0268
076	851121	0.8503+0.1126	2.1949+0.3052	0.1131+0.0236	1.4737+0.1154	1.2771+0.0943	0.4077+0.0307
076	851127	0.2935+0.0401	0.5888+0.0825	0.0591+0.0125	1.6521+0.1245	0.8346+0.0631	0.1141+0.0100
076	851203	0.3531+0.0483	0.8972+0.1253	0.0819+0.0172	1.0192+0.0836	1.9008+0.1390	0.2148+0.0171
076	851209	0.4702+0.0630	1.3036+0.1816	0.0615+0.0130	0.6858+0.0599	0.3766+0.0307	0.2127+0.0169
076	851215	0.4641+0.0624	1.1485+0.1601	0.0695+0.0146	0.5938+0.0598	0.4723+0.0377	0.2434+0.0191
076	851221	1.4358+0.1892	3.5153+0.4886	0.1649+0.0343	2.2037+0.1742	0.8677+0.0665	0.6035+0.0447
076	851227	0.8476+0.1124	1.6406+0.2284	0.1342+0.0280	4.8240+0.3502	0.6240+0.0495	0.3045+0.0235

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	AL	SI	P	S	CL	K
076	860102	0.3482+0.0467	0.7940+0.1095	0.0838+0.0176	2.8139+0.1994	1.1726+0.0846	0.2122+0.0172
076	860108	1.3573+0.1759	3.3773+0.4636	0.1028+0.0215	0.4695+0.0653	0.2660+0.0262	0.4742+0.0348
076	860114	1.0092+0.1312	2.5605+0.3517	0.1168+0.0243	1.7233+0.1313	2.7712+0.1916	0.5304+0.0385
076	860120	0.4468+0.0591	0.9909+0.1364	0.0937+0.0196	3.3704+0.2361	0.4270+0.0359	0.2215+0.0178
076	860126	0.8005+0.1043	2.0350+0.2794	0.0611+0.0131	0.3879+0.0510	0.3638+0.0314	0.3523+0.0265
076	860201	0.4659+0.0617	0.6561+0.0908	0.0906+0.0190	1.8499+0.1371	3.1475+0.2177	0.2619+0.0206
076	860207	0.7194+0.0941	1.8980+0.2611	0.0790+0.0165	0.8518+0.0810	1.2040+0.0870	0.3318+0.0252
076	860213	0.3230+0.0431	0.2671+0.0374	0.0499+0.0106	0.7056+0.0610	0.3918+0.0322	0.0687+0.0073
076	860219	0.0810+0.0281	0.2217+0.0361	0.0108+0.0088	0.6757+0.1009	0.9625+0.0842	0.0734+0.0153
076	860225	1.0593+0.1373	2.7882+0.3824	0.1459+0.0302	2.2574+0.1663	1.3525+0.0962	0.5151+0.0372
076	860303	0.4159+0.0550	0.9043+0.1245	0.0827+0.0173	3.0356+0.2134	0.0987+0.0158	0.1860+0.0153
076	860309	0.3303+0.0441	0.4121+0.0572	0.0757+0.0159	0.9850+0.0800	4.0483+0.2770	0.2265+0.0181
076	860315	0.3478+0.0466	0.7302+0.1008	0.1100+0.0228	0.8782+0.0744	3.2076+0.2207	0.2322+0.0184
076	860321	0.7582+0.0987	2.1815+0.2992	0.0911+0.0190	1.0396+0.0894	0.8317+0.0616	0.3215+0.0243
076	860327	0.7148+0.0932	1.7165+0.2358	0.1393+0.0288	6.2349+0.4266	0.0742+0.0187	0.2548+0.0199
076	860402	1.3906+0.1825	3.7608+0.5228	0.1002+0.0210	1.1955+0.0955	3.5446+0.2553	0.5777+0.0435
076	860408	0.3755+0.0506	0.6658+0.0931	0.0542+0.0116	0.9084+0.0777	1.4180+0.1051	0.1607+0.0142
076	860414	0.6314+0.0837	1.6709+0.2325	0.0732+0.0155	1.2215+0.0984	1.0273+0.0778	0.2883+0.0231
076	860420	0.9716+0.1280	2.3129+0.3219	0.0819+0.0172	1.2581+0.1042	1.0994+0.0832	0.3695+0.0288
076	860426	0.7402+0.0981	2.0230+0.2820	0.1021+0.0214	2.3017+0.1749	2.7016+0.1972	0.3713+0.0291
076	860502	1.0143+0.1338	2.4134+0.3362	0.1007+0.0211	2.0143+0.1544	2.9403+0.2139	0.4448+0.0343
076	860508	0.7872+0.1042	2.0062+0.2798	0.0928+0.0195	1.9844+0.1526	2.9290+0.2136	0.3756+0.0295
076	860514	0.5926+0.0788	1.4013+0.1955	0.1003+0.0210	4.0231+0.2951	1.2863+0.0971	0.3298+0.0262
076	860520	1.3686+0.1796	4.5732+0.6366	0.1363+0.0285	5.5223+0.3990	0.9438+0.0731	0.5968+0.0451
076	860526	0.8356+0.1105	1.8750+0.2615	0.1222+0.0256	5.4729+0.3987	0.0670+0.0172	0.3782+0.0297
076	860601	0.5945+0.0789	1.3600+0.1895	0.0984+0.0206	4.6622+0.3387	0.2707+0.0276	0.2628+0.0214
076	860607	0.7534+0.0995	1.8934+0.2633	0.0935+0.0196	2.7900+0.2061	1.9268+0.1410	0.3350+0.0264
076	860613	0.6005+0.0796	1.2783+0.1780	0.0887+0.0186	3.3912+0.2484	1.6832+0.1240	0.2738+0.0221
076	860619	1.3215+0.1740	3.3415+0.4656	0.1226+0.0257	2.6455+0.1988	4.5719+0.3305	0.6001+0.0455
076	860625	0.7415+0.0983	1.5165+0.2116	0.1256+0.0263	6.2407+0.4531	0.2886+0.0299	0.2386+0.0198



PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	AL	SI	P	S	CL	K
076	860701	0.6629+0.0879	1.3969+0.1949	0.0800+0.0168	2.8035+0.2084	1.4724+0.1099	0.2963+0.0237
076	860707	0.3224+0.0435	0.5764+0.0808	0.0418+0.0090	1.2678+0.0992	1.8765+0.1380	0.1634+0.0142
076	860713	0.4427+0.0593	0.8577+0.1200	0.0665+0.0141	2.6270+0.1963	0.7071+0.0560	0.1760+0.0153
076	860719	0.6167+0.0819	1.3642+0.1904	0.0878+0.0184	1.8985+0.1450	2.7902+0.2034	0.3041+0.0243
076	860725	0.4303+0.0577	0.8909+0.1246	0.0536+0.0115	1.3735+0.1089	1.9510+0.1441	0.1837+0.0159
076	860731	0.6927+0.0915	1.2941+0.1802	0.1094+0.0229	4.7306+0.3423	0.1322+0.0191	0.2124+0.0177
076	860806	0.9225+0.1219	2.0594+0.2872	0.0232+0.0117	7.6647+0.5546	0.0534+0.0199	0.3110+0.0249
076	860812	0.6413+0.0851	1.4123+0.1972	0.0205+0.0103	4.3658+0.3200	0.1106+0.0170	0.2374+0.0196
076	860818	1.3974+0.1837	3.4864+0.4854	0.0216+0.0108	2.8989+0.2171	0.1642+0.0202	0.5263+0.0401
076	860824	0.7267+0.0962	1.6248+0.2268	0.0232+0.0232	4.8059+0.3516	0.1500+0.0196	0.3166+0.0252
076	860830	0.6890+0.0914	1.8714+0.2609	0.0152+0.0076	2.5509+0.1914	2.3672+0.1735	0.3440+0.0272
076	860905	0.6604+0.0878	1.7301+0.2414	0.0000+0.0197	4.0998+0.3015	0.3229+0.0308	0.3979+0.0312
076	860911	0.8550+0.1131	2.1571+0.3009	0.0000+0.0183	2.9292+0.2181	0.6202+0.0500	0.3279+0.0261
076	860917	1.0769+0.1421	3.0976+0.4319	0.0099+0.0050	1.2264+0.1006	1.9467+0.1441	0.4016+0.0314
076	860923	0.5436+0.0725	1.3670+0.1909	0.0000+0.0152	1.2568+0.1015	1.7506+0.1300	0.2940+0.0237
076	860929	0.7973+0.1056	2.0265+0.2828	0.0184+0.0093	1.5339+0.1230	0.3543+0.0317	0.3023+0.0242
076	861005	0.8294+0.1099	1.6495+0.2304	0.0327+0.0164	1.1450+0.1006	0.2299+0.0237	0.2692+0.0220
076	861011	0.3518+0.0475	0.5546+0.0779	0.0000+0.0104	2.0502+0.1560	0.3319+0.0297	0.1273+0.0118
076	861017	0.6940+0.0921	1.8187+0.2540	0.0176+0.0176	2.3048+0.1749	1.4251+0.1072	0.2964+0.0239
076	861023	0.8644+0.1145	1.8244+0.2548	0.0000+0.0164	2.5113+0.1907	0.7111+0.0570	0.3463+0.0276
076	861029	0.7604+0.1008	1.9461+0.2714	0.0192+0.0192	2.6390+0.1997	0.7588+0.0598	0.3305+0.0262
076	861104	1.2081+0.1592	2.9581+0.4124	0.0233+0.0233	2.4820+0.1889	1.3517+0.1018	0.4967+0.0382
076	861110	3.5284+0.4629	8.5456+1.1913	0.0433+0.0217	0.9165+0.0900	0.5549+0.0462	0.9693+0.0721
076	861116	0.8716+0.1154	2.1721+0.3030	0.0243+0.0122	1.9385+0.1540	0.2474+0.0255	0.3765+0.0296
076	861122	1.5845+0.2085	4.4134+0.6153	0.0190+0.0095	0.5044+0.0469	0.3992+0.0338	0.6641+0.0501
076	861128	0.8090+0.1072	2.0560+0.2870	0.0177+0.0089	0.7922+0.0730	0.9141+0.0711	0.3435+0.0273
076	861204	1.5663+0.2064	4.1376+0.5772	0.0349+0.0176	2.8801+0.2218	1.3312+0.1016	0.6001+0.0458
076	861210	1.9367+0.2546	5.2979+0.7386	0.0282+0.0142	1.3332+0.1128	0.4661+0.0398	0.6896+0.0520
076	861216	2.5840+0.3395	6.9565+0.9702	0.0324+0.0163	2.1545+0.1681	0.9354+0.0732	0.9421+0.0703
076	861222	2.4432+0.3210	6.5127+0.9085	0.0285+0.0144	1.2659+0.1052	1.1744+0.0900	0.8901+0.0666
076	861228	0.9269+0.1230	2.0456+0.2860	0.0293+0.0148	1.8496+0.1479	1.4650+0.1112	0.5312+0.0409

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	CA	TI	V	CR	MN	FE
076	850805	0.3349+0.0185	0.0510+0.0037	0.0122+0.0016	0.0068+0.0013	0.0142+0.0015	0.4729+0.0257
076	850811	0.2260+0.0130	0.0308+0.0026	0.0068+0.0011	0.0053+0.0011	0.0083+0.0013	0.2594+0.0150
076	850817	0.2241+0.0130	0.0623+0.0043	0.0088+0.0014	0.0051+0.0010	0.0126+0.0014	0.4839+0.0263
076	850823	1.3558+0.0700	0.2237+0.0123	0.0166+0.0029	0.0144+0.0016	0.0516+0.0031	1.8093+0.0928
076	850829	0.8184+0.0429	0.1315+0.0077	0.0188+0.0022	0.0148+0.0016	0.0332+0.0022	1.1933+0.0619
076	850904	0.2589+0.0147	0.0594+0.0041	0.0055+0.0014	0.0060+0.0012	0.0191+0.0017	0.4478+0.0244
076	850910	0.5459+0.0291	0.0746+0.0048	0.0083+0.0015	0.0085+0.0013	0.0217+0.0019	0.6546+0.0348
076	850916	0.5665+0.0302	0.0848+0.0054	0.0111+0.0017	0.0082+0.0014	0.0266+0.0020	0.8231+0.0433
076	850922	0.4083+0.0224	0.0630+0.0044	0.0092+0.0016	0.0071+0.0015	0.0303+0.0024	0.6910+0.0368
076	850928	0.2138+0.0126	0.0330+0.0029	0.0065+0.0015	0.0056+0.0017	0.0145+0.0019	0.3324+0.0190
076	851004	0.8226+0.0431	0.1537+0.0088	0.0221+0.0026	0.0141+0.0017	0.0621+0.0037	1.3917+0.0719
076	851010	0.8366+0.0438	0.1612+0.0093	0.0139+0.0023	0.0147+0.0015	0.0579+0.0034	1.4769+0.0761
076	851016	1.2458+0.0645	0.1891+0.0106	0.0208+0.0027	0.0203+0.0019	0.0665+0.0040	1.7158+0.0882
076	851022	0.2964+0.0165	0.0648+0.0044	0.0081+0.0014	0.0239+0.0019	0.0376+0.0026	0.6883+0.0365
076	851028	0.2870+0.0161	0.0579+0.0040	0.0112+0.0015	0.0047+0.0010	0.0229+0.0018	0.5379+0.0290
076	851103	0.7534+0.0397	0.1163+0.0069	0.0295+0.0027	0.0126+0.0017	0.0627+0.0038	1.2439+0.0645
076	851109	0.4266+0.0314	0.0494+0.0043	0.0077+0.0014	0.0045+0.0011	0.0207+0.0021	0.4666+0.0344
076	851115	0.6744+0.0490	0.1417+0.0108	0.0140+0.0023	0.0124+0.0015	0.0641+0.0050	1.3297+0.0955
076	851121	0.7373+0.0534	0.1266+0.0098	0.0202+0.0026	0.0145+0.0018	0.0603+0.0048	1.1357+0.0817
076	851127	0.1766+0.0138	0.0431+0.0039	0.0110+0.0016	0.0030+0.0012	0.0147+0.0019	0.3780+0.0282
076	851203	0.2792+0.0211	0.0619+0.0053	0.0090+0.0016	0.0113+0.0015	0.0345+0.0031	0.6776+0.0495
076	851209	0.4398+0.0324	0.0787+0.0064	0.0097+0.0017	0.0093+0.0013	0.0383+0.0032	0.8073+0.0586
076	851215	0.4045+0.0299	0.0815+0.0066	0.0148+0.0020	0.0093+0.0014	0.0555+0.0045	0.8347+0.0606
076	851221	1.5782+0.1132	1.7956+0.1280	0.0518+0.0181	0.0233+0.0032	0.1480+0.0110	2.2265+0.1593
076	851227	0.4005+0.0297	0.0731+0.0060	0.0204+0.0024	0.0126+0.0019	0.0387+0.0035	0.7429+0.0541

## PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	CA	TI	V	CR	MN	FE
076	860102	0.2905+0.0214	0.0686+0.0058	0.0192+0.0026	0.0042+0.0015	0.0195+0.0024	0.3641+0.0260
076	860108	1.0686+0.0736	0.1854+0.0137	0.0184+0.0033	0.0175+0.0022	0.0739+0.0058	1.6686+0.1136
076	860114	0.8877+0.0616	0.1368+0.0104	0.0266+0.0033	0.0115+0.0018	0.0555+0.0046	1.3165+0.0900
076	860120	0.3229+0.0236	0.0869+0.0070	0.0106+0.0022	0.0047+0.0014	0.0239+0.0025	0.4327+0.0305
076	860126	0.6749+0.0471	0.0990+0.0079	0.0120+0.0024	0.0066+0.0015	0.0498+0.0042	0.9465+0.0649
076	860201	0.3449+0.0252	0.0450+0.0043	0.0078+0.0017	0.0166+0.0020	0.0286+0.0028	0.4171+0.0296
076	860207	0.6698+0.0471	0.0984+0.0078	0.0162+0.0024	0.0109+0.0016	0.0507+0.0042	0.9671+0.0667
076	860213	0.1224+0.0101	0.0478+0.0044	0.0069+0.0015	0.0064+0.0012	0.0248+0.0025	0.2653+0.0193
076	860219	0.1508+0.0167	0.0378+0.0063	0.0061+0.0040	0.0043+0.0040	0.0113+0.0048	0.1380+0.0169
076	860225	0.9701+0.0666	0.1648+0.0122	0.0298+0.0037	0.0215+0.0024	0.0688+0.0053	1.3180+0.0895
076	860303	0.2534+0.0189	0.0520+0.0046	0.0101+0.0019	0.0049+0.0013	0.0201+0.0023	0.4533+0.0318
076	860309	0.2369+0.0179	0.0271+0.0029	0.0077+0.0015	0.0035+0.0012	0.0152+0.0019	0.2005+0.0150
076	860315	0.3092+0.0227	0.0377+0.0037	0.0063+0.0015	0.0065+0.0013	0.0245+0.0025	0.3973+0.0282
076	860321	0.7100+0.0492	0.1285+0.0098	0.0128+0.0026	0.0270+0.0027	0.0541+0.0044	1.0473+0.0714
076	860327	0.4476+0.0319	0.0816+0.0067	0.0203+0.0027	0.0148+0.0020	0.0320+0.0030	0.6384+0.0442
076	860402	0.9906+0.0718	0.1525+0.0120	0.0136+0.0029	0.0132+0.0019	0.0336+0.0032	1.2072+0.0867
076	860408	0.2181+0.0172	0.0481+0.0047	0.0078+0.0018	0.0053+0.0013	0.0149+0.0020	0.3597+0.0267
076	860414	0.4449+0.0331	0.0680+0.0060	0.0139+0.0023	0.0056+0.0014	0.0234+0.0025	0.5782+0.0421
076	860420	0.6842+0.0502	0.0918+0.0077	0.0147+0.0024	0.0095+0.0015	0.0352+0.0032	0.9244+0.0667
076	860426	0.5318+0.0396	0.0771+0.0066	0.0094+0.0020	0.0078+0.0013	0.0253+0.0025	0.6723+0.0492
076	860502	0.7255+0.0533	0.1493+0.0118	0.0167+0.0029	0.0115+0.0017	0.0274+0.0028	0.8923+0.0648
076	860508	0.5527+0.0412	0.0735+0.0064	0.0106+0.0020	0.0085+0.0014	0.0222+0.0024	0.6676+0.0489
076	860514	0.4351+0.0328	0.0625+0.0057	0.0189+0.0026	0.0038+0.0013	0.0119+0.0018	0.4912+0.0363
076	860520	2.4827+0.1770	0.1120+0.0092	0.0164+0.0027	0.0098+0.0017	0.0259+0.0028	1.0898+0.0784
076	860526	0.4692+0.0353	0.0632+0.0057	0.0121+0.0022	0.0077+0.0015	0.0154+0.0021	0.5670+0.0418
076	860601	0.3724+0.0282	0.0555+0.0052	0.0073+0.0019	0.0059+0.0014	0.0111+0.0018	0.4879+0.0359
076	860607	0.5011+0.0371	0.0678+0.0060	0.0111+0.0021	0.0069+0.0014	0.0138+0.0020	0.5283+0.0386
076	860613	0.4015+0.0301	0.0487+0.0047	0.0098+0.0019	0.0058+0.0013	0.0128+0.0018	0.5205+0.0381
076	860619	0.9013+0.0660	0.1345+0.0108	0.0160+0.0029	0.0071+0.0016	0.0357+0.0034	1.1227+0.0814
076	860625	0.3683+0.0281	0.0612+0.0056	0.0106+0.0021	0.0057+0.0015	0.0133+0.0021	0.4785+0.0355

## PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	CA	TI	V	CR	MN	FE
076 860701		0.5441+0.0404	0.0613+0.0055	0.0184+0.0025	0.0100+0.0016	0.0142+0.0019	0.7037+0.0514
076 860707		0.2368+0.0186	0.0232+0.0028	0.0071+0.0014	0.0038+0.0010	0.0059+0.0013	0.2583+0.0196
076 860713		0.2489+0.0195	0.0569+0.0052	0.0103+0.0019	0.0087+0.0014	0.0110+0.0017	0.3532+0.0265
076 860719		0.4002+0.0303	0.0508+0.0048	0.0115+0.0019	0.0085+0.0014	0.0155+0.0019	0.4585+0.0340
076 860725		0.2334+0.0184	0.0371+0.0039	0.0091+0.0018	0.0057+0.0014	0.0066+0.0016	0.3026+0.0230
076 860731		0.2894+0.0222	0.0514+0.0049	0.0193+0.0025	0.0061+0.0014	0.0086+0.0017	0.4125+0.0305
076 860806		0.4979+0.0373	0.0904+0.0077	0.0186+0.0027	0.0079+0.0017	0.0160+0.0021	0.7203+0.0527
076 860812		0.4051+0.0306	0.0606+0.0054	0.0164+0.0023	0.0060+0.0013	0.0088+0.0015	0.4601+0.0341
076 860818		0.8613+0.0630	0.1656+0.0130	0.0270+0.0036	0.0140+0.0020	0.0359+0.0034	1.4561+0.1049
076 860824		0.3776+0.0287	0.3046+0.0229	0.0157+0.0041	0.0060+0.0013	0.0141+0.0018	0.5063+0.0374
076 860830		0.5205+0.0388	0.0659+0.0059	0.0182+0.0025	0.0033+0.0013	0.0180+0.0021	0.6229+0.0457
076 860905		0.4006+0.0304	0.0674+0.0061	0.0129+0.0024	0.0061+0.0015	0.0110+0.0020	0.5510+0.0407
076 860911		0.5586+0.0416	0.0860+0.0073	0.0220+0.0029	0.0076+0.0014	0.0159+0.0020	0.6778+0.0497
076 860917		0.7166+0.0529	0.1394+0.0111	0.0171+0.0028	0.0152+0.0019	0.0330+0.0030	1.1882+0.0862
076 860923		0.4592+0.0346	0.0764+0.0066	0.0083+0.0019	0.0148+0.0018	0.0213+0.0023	0.6286+0.0462
076 860929		0.4117+0.0312	0.1015+0.0085	0.0148+0.0024	0.0109+0.0016	0.0272+0.0027	0.8830+0.0644
076 861005		0.4103+0.0312	0.0758+0.0066	0.0160+0.0024	0.0077+0.0014	0.0309+0.0029	0.8479+0.0621
076 861011		0.1484+0.0124	0.0266+0.0031	0.0050+0.0014	0.0039+0.0011	0.0073+0.0014	0.2210+0.0172
076 861017		0.4183+0.0317	0.0592+0.0054	0.0130+0.0021	0.0088+0.0015	0.0199+0.0022	0.6654+0.0490
076 861023		0.5125+0.0385	0.0790+0.0069	0.0149+0.0024	0.0083+0.0017	0.0265+0.0029	0.7685+0.0563
076 861029		0.5304+0.0396	0.1002+0.0083	0.0253+0.0031	0.0145+0.0019	0.0280+0.0028	0.8191+0.0597
076 861104		0.7862+0.0579	0.1311+0.0106	0.0237+0.0032	0.0113+0.0017	0.0349+0.0032	1.1030+0.0801
076 861110		2.0223+0.1465	0.3589+0.0269	0.0350+0.0054	0.0228+0.0026	0.0964+0.0076	3.4288+0.2472
076 861116		0.5775+0.0430	0.1155+0.0094	0.0228+0.0031	0.0121+0.0018	0.0480+0.0042	1.1331+0.0822
076 861122		0.7788+0.0575	0.1616+0.0128	0.0095+0.0027	0.0112+0.0016	0.0336+0.0031	1.4532+0.1053
076 861128		0.6347+0.0473	0.1005+0.0084	0.0152+0.0025	0.0090+0.0016	0.0306+0.0030	0.9259+0.0675
076 861204		1.0193+0.0751	0.2412+0.0185	0.0334+0.0044	0.0173+0.0023	0.0664+0.0055	1.9437+0.1406
076 861210		1.1241+0.0825	0.2495+0.0190	0.0243+0.0040	0.0208+0.0023	0.0742+0.0060	2.3487+0.1693
076 861216		1.5801+0.1155	0.3143+0.0237	0.0284+0.0048	0.0212+0.0025	0.0834+0.0067	2.9455+0.2125
076 861222		1.5713+0.1149	0.2762+0.0210	0.0301+0.0045	0.0150+0.0020	0.0726+0.0059	2.9486+0.2129
076 861228		0.5713+0.0431	0.1106+0.0091	0.0196+0.0029	0.0099+0.0017	0.0476+0.0042	1.1073+0.0809

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	NI	CU	ZN	GA	AS	SE
076	850805	0.0219+0.0021	1.4339+0.0729	1.0613+0.0545	0.0034+0.0019	0.0000+0.0087	0.0016+0.0010
076	850811	0.0071+0.0014	0.1881+0.0105	0.1436+0.0083	0.0019+0.0010	0.0000+0.0050	0.0011+0.0009
076	850817	0.0080+0.0014	0.0605+0.0040	0.0611+0.0040	0.0011+0.0009	0.0000+0.0060	0.0005+0.0008
076	850823	0.0137+0.0018	0.1010+0.0060	0.1344+0.0078	0.0001+0.0016	0.0019+0.0176	0.0035+0.0011
076	850829	0.0152+0.0019	0.1617+0.0091	0.1852+0.0103	0.0016+0.0015	0.0022+0.0144	0.0049+0.0011
076	850904	0.0052+0.0012	0.1636+0.0092	0.1388+0.0080	0.0000+0.0012	0.0000+0.0092	0.0012+0.0010
076	850910	0.0093+0.0015	0.1178+0.0068	0.1449+0.0083	0.0030+0.0013	0.0000+0.0095	0.0020+0.0009
076	850916	0.0104+0.0016	0.1456+0.0082	0.1579+0.0090	0.0007+0.0014	0.0000+0.0109	0.0021+0.0011
076	850922	0.0078+0.0016	0.1343+0.0078	0.1329+0.0077	0.0004+0.0015	0.0009+0.0125	0.0040+0.0014
076	850928	0.0112+0.0019	0.1136+0.0069	0.0978+0.0060	0.0005+0.0014	0.0000+0.0083	0.0033+0.0015
076	851004	0.0137+0.0018	0.0846+0.0053	0.2262+0.0123	0.0004+0.0021	0.0000+0.0240	0.0036+0.0012
076	851010	0.0105+0.0015	0.0936+0.0056	0.1369+0.0079	0.0009+0.0019	0.0000+0.0198	0.0019+0.0009
076	851016	0.0213+0.0021	0.0783+0.0049	0.1653+0.0094	0.0000+0.0019	0.0195+0.0224	0.0053+0.0012
076	851022	0.0132+0.0017	0.1042+0.0061	0.1178+0.0069	0.0012+0.0015	0.0000+0.0160	0.0024+0.0009
076	851028	0.0101+0.0015	0.2206+0.0120	0.1978+0.0110	0.0000+0.0011	0.0000+0.0100	0.0037+0.0009
076	851103	0.0140+0.0019	0.1213+0.0072	0.1602+0.0091	0.0023+0.0023	0.0000+0.0266	0.0082+0.0015
076	851109	0.0066+0.0013	0.0636+0.0053	0.0731+0.0059	0.0017+0.0010	0.0000+0.0085	0.0017+0.0008
076	851115	0.0105+0.0016	0.0795+0.0064	0.1154+0.0089	0.0000+0.0017	0.0006+0.0217	0.0017+0.0009
076	851121	0.0163+0.0020	0.1411+0.0107	0.2060+0.0152	0.0000+0.0017	0.0000+0.0206	0.0033+0.0011
076	851127	0.0083+0.0016	0.0686+0.0057	0.0637+0.0053	0.0001+0.0009	0.0023+0.0062	0.0019+0.0011
076	851203	0.0153+0.0020	0.0594+0.0050	0.1145+0.0088	0.0000+0.0015	0.0000+0.0160	0.0043+0.0012
076	851209	0.0105+0.0015	0.0328+0.0031	0.0779+0.0063	0.0000+0.0013	0.0038+0.0134	0.0022+0.0008
076	851215	0.0132+0.0018	0.0923+0.0073	0.1282+0.0098	0.0007+0.0016	0.0041+0.0193	0.0005+0.0008
076	851221	0.0277+0.0029	0.1810+0.0136	0.5193+0.0375	0.0013+0.0029	0.0091+0.0384	0.0045+0.0014
076	851227	0.0135+0.0020	0.1217+0.0095	0.1425+0.0109	0.0016+0.0015	0.0099+0.0141	0.0030+0.0013

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	NI	CU	ZN	GA	AS	SE
076	860102	0.0576+0.0048	0.0706+0.0061	0.0818+0.0066	0.0013+0.0013	0.0005+0.0084	0.0023+0.0012
076	860108	0.0202+0.0024	0.0511+0.0050	0.1097+0.0084	0.0009+0.0020	0.0000+0.0235	0.0015+0.0012
076	860114	0.0106+0.0018	0.0699+0.0060	0.1472+0.0108	0.0000+0.0016	0.0023+0.0174	0.0022+0.0012
076	860120	0.0048+0.0014	0.0419+0.0043	0.0720+0.0060	0.0000+0.0013	0.0058+0.0097	0.0003+0.0010
076	860126	0.0055+0.0015	0.1100+0.0086	0.1240+0.0094	0.0000+0.0016	0.0000+0.0158	0.0001+0.0012
076	860201	0.0090+0.0016	0.2865+0.0202	0.2279+0.0163	0.0000+0.0013	0.0013+0.0112	0.0014+0.0009
076	860207	0.0118+0.0017	0.5771+0.0396	0.5251+0.0362	0.0000+0.0020	0.0000+0.0217	0.0020+0.0009
076	860213	0.0057+0.0012	0.1984+0.0142	0.1992+0.0143	0.0000+0.0012	0.0000+0.0089	0.0001+0.0007
076	860219	0.0013+0.0040	0.4215+0.0327	0.3720+0.0292	0.0000+0.0033	0.0078+0.0139	0.0000+0.0033
076	860225	0.0290+0.0028	0.1634+0.0117	0.3996+0.0275	0.0002+0.0018	0.0005+0.0208	0.0034+0.0010
076	860303	0.0247+0.0025	0.2008+0.0143	0.4320+0.0297	0.0000+0.0014	0.0000+0.0087	0.0009+0.0009
076	860309	0.0067+0.0013	0.3254+0.0227	0.2494+0.0177	0.0000+0.0013	0.0000+0.0100	0.0016+0.0009
076	860315	0.0069+0.0014	0.1789+0.0129	0.1682+0.0122	0.0000+0.0013	0.0000+0.0122	0.0000+0.0008
076	860321	0.0123+0.0018	0.0899+0.0070	0.1453+0.0106	0.0000+0.0017	0.0061+0.0185	0.0030+0.0010
076	860327	0.0094+0.0016	0.1467+0.0107	0.1593+0.0116	0.0000+0.0014	0.0000+0.0118	0.0047+0.0012
076	860402	0.0063+0.0014	0.1593+0.0119	0.1374+0.0104	0.0012+0.0010	0.0014+0.0059	0.0000+0.0009
076	860408	0.0081+0.0014	0.3425+0.0248	0.2643+0.0194	0.0000+0.0013	0.0038+0.0104	0.0000+0.0009
076	860414	0.0081+0.0014	0.3284+0.0238	0.2604+0.0192	0.0025+0.0014	0.0024+0.0097	0.0012+0.0010
076	860420	0.0195+0.0022	0.2160+0.0160	0.1888+0.0141	0.0001+0.0015	0.0015+0.0170	0.0010+0.0009
076	860426	0.0086+0.0014	0.1915+0.0143	0.1703+0.0128	0.0008+0.0014	0.0000+0.0134	0.0008+0.0008
076	860502	0.0120+0.0017	0.2478+0.0183	0.2221+0.0165	0.0015+0.0013	0.0061+0.0110	0.0017+0.0009
076	860508	0.0117+0.0017	0.3620+0.0264	0.3285+0.0242	0.0022+0.0015	0.0030+0.0121	0.0016+0.0009
076	860514	0.0134+0.0018	0.2782+0.0205	0.2151+0.0160	0.0003+0.0010	0.0071+0.0046	0.0000+0.0009
076	860520	0.0142+0.0019	0.2750+0.0201	0.2347+0.0174	0.0000+0.0012	0.0069+0.0068	0.0014+0.0010
076	860526	0.0109+0.0017	0.3597+0.0263	0.2687+0.0200	0.0023+0.0013	0.0000+0.0067	0.0003+0.0010
076	860601	0.0109+0.0017	1.0187+0.0726	0.7151+0.0515	0.0005+0.0016	0.0000+0.0072	0.0000+0.0010
076	860607	0.0108+0.0017	0.4131+0.0298	0.3213+0.0234	0.0000+0.0012	0.0029+0.0063	0.0003+0.0009
076	860613	0.0107+0.0016	0.4059+0.0293	0.3179+0.0232	0.0012+0.0013	0.0059+0.0067	0.0012+0.0009
076	860619	0.0106+0.0018	0.3109+0.0228	0.2372+0.0177	0.0002+0.0013	0.0025+0.0080	0.0011+0.0012
076	860625	0.0107+0.0017	0.5235+0.0380	0.3714+0.0273	0.0013+0.0013	0.0000+0.0052	0.0032+0.0012

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	NI	CU	ZN	GA	AS	SE
076	860701	0.0167+0.0020	0.4569+0.0332	0.3611+0.0265	0.0029+0.0012	0.0037+0.0044	0.0031+0.0009
076	860707	0.0144+0.0018	0.2582+0.0190	0.1857+0.0139	0.0003+0.0008	0.0000+0.0031	0.0011+0.0007
076	860713	0.0133+0.0017	0.7366+0.0532	0.4965+0.0362	0.0020+0.0013	0.0036+0.0045	0.0015+0.0009
076	860719	0.0130+0.0017	0.7418+0.0535	0.5588+0.0406	0.0023+0.0015	0.0037+0.0071	0.0018+0.0009
076	860725	0.0134+0.0019	0.4213+0.0307	0.2964+0.0219	0.0003+0.0013	0.0000+0.0077	0.0006+0.0010
076	860731	0.0224+0.0025	0.6688+0.0478	0.4945+0.0357	0.0017+0.0014	0.0048+0.0060	0.0017+0.0009
076	860806	0.0210+0.0024	0.6348+0.0459	0.4919+0.0359	0.0029+0.0016	0.0000+0.0090	0.0015+0.0010
076	860812	0.0226+0.0024	0.2803+0.0207	0.2204+0.0165	0.0007+0.0009	0.0013+0.0033	0.0025+0.0008
076	860818	0.0264+0.0027	0.6585+0.0475	0.5568+0.0404	0.0009+0.0017	0.0106+0.0137	0.0048+0.0012
076	860824	0.0259+0.0027	0.4516+0.0329	0.3454+0.0255	0.0024+0.0012	0.0000+0.0071	0.0017+0.0007
076	860830	0.0170+0.0021	0.1224+0.0094	0.1077+0.0084	0.0008+0.0011	0.0000+0.0077	0.0008+0.0009
076	860905	0.0144+0.0021	0.4552+0.0332	0.3322+0.0245	0.0000+0.0013	0.0025+0.0058	0.0023+0.0013
076	860911	0.0168+0.0020	0.1527+0.0116	0.1180+0.0092	0.0020+0.0009	0.0000+0.0039	0.0012+0.0009
076	860917	0.0107+0.0016	0.3657+0.0268	0.3150+0.0233	0.0015+0.0014	0.0009+0.0128	0.0008+0.0008
076	860923	0.0095+0.0015	0.2031+0.0151	0.1862+0.0140	0.0007+0.0012	0.0000+0.0100	0.0013+0.0008
076	860929	0.0131+0.0017	0.4161+0.0304	0.3707+0.0273	0.0021+0.0016	0.0151+0.0146	0.0013+0.0009
076	861005	0.0122+0.0016	0.2381+0.0177	0.2295+0.0172	0.0000+0.0017	0.0000+0.0195	0.0029+0.0009
076	861011	0.0073+0.0013	0.5301+0.0386	0.3572+0.0264	0.0000+0.0010	0.0006+0.0039	0.0008+0.0008
076	861017	0.0077+0.0013	0.4317+0.0316	0.3054+0.0227	0.0020+0.0013	0.0000+0.0089	0.0008+0.0008
076	861023	0.0100+0.0017	0.4882+0.0356	0.4525+0.0331	0.0023+0.0016	0.0000+0.0115	0.0013+0.0012
076	861029	0.0165+0.0020	0.0955+0.0075	0.1863+0.0140	0.0015+0.0014	0.0036+0.0122	0.0040+0.0011
076	861104	0.0210+0.0023	0.4399+0.0321	0.4061+0.0298	0.0007+0.0015	0.0223+0.0124	0.0024+0.0009
076	861110	0.0145+0.0020	0.7333+0.0532	0.6079+0.0444	0.0036+0.0022	0.0000+0.0238	0.0014+0.0010
076	861116	0.0149+0.0020	0.2216+0.0165	0.2327+0.0173	0.0016+0.0018	0.0000+0.0208	0.0040+0.0012
076	861122	0.0067+0.0012	0.1963+0.0147	0.1289+0.0100	0.0019+0.0009	0.0030+0.0038	0.0000+0.0007
076	861128	0.0055+0.0013	0.0876+0.0070	0.1044+0.0082	0.0015+0.0014	0.0099+0.0117	0.0020+0.0010
076	861204	0.0188+0.0023	0.1976+0.0149	0.4223+0.0309	0.0010+0.0022	0.0128+0.0244	0.0026+0.0012
076	861210	0.0126+0.0017	0.1459+0.0112	0.2151+0.0161	0.0002+0.0017	0.0075+0.0199	0.0031+0.0011
076	861216	0.0166+0.0021	0.7488+0.0543	0.6325+0.0462	0.0005+0.0020	0.0062+0.0179	0.0020+0.0010
076	861222	0.0160+0.0020	0.1895+0.0143	0.2070+0.0156	0.0027+0.0015	0.0010+0.0146	0.0020+0.0009
076	861228	0.0144+0.0019	0.1211+0.0095	0.2145+0.0161	0.0000+0.0018	0.0075+0.0200	0.0021+0.0011

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	BR	RB	SR	Y	ZR	MO
076	850805	0.0208+0.0019	0.0042+0.0016	0.0093+0.0020	0.0024+0.0023	0.0000+0.0097	0.0000+0.0073
076	850811	0.0143+0.0016	0.0019+0.0015	0.0058+0.0019	0.0010+0.0019	0.0000+0.0089	0.0085+0.0066
076	850817	0.0145+0.0016	0.0031+0.0014	0.0068+0.0018	0.0013+0.0019	0.0129+0.0081	0.0075+0.0059
076	850823	0.0574+0.0036	0.0019+0.0019	0.0168+0.0021	0.0000+0.0024	0.0000+0.0102	0.0001+0.0070
076	850829	0.0514+0.0032	0.0019+0.0016	0.0137+0.0019	0.0041+0.0021	0.0000+0.0091	0.0000+0.0062
076	850904	0.0369+0.0026	0.0000+0.0016	0.0052+0.0019	0.0000+0.0022	0.0000+0.0102	0.0032+0.0072
076	850910	0.0352+0.0025	0.0010+0.0015	0.0083+0.0019	0.0006+0.0020	0.0000+0.0094	0.0000+0.0065
076	850916	0.0522+0.0034	0.0019+0.0019	0.0124+0.0022	0.0039+0.0025	0.0000+0.0105	0.0104+0.0079
076	850922	0.0542+0.0037	0.0016+0.0021	0.0099+0.0027	0.0000+0.0029	0.0000+0.0128	0.0180+0.0096
076	850928	0.0303+0.0028	0.0000+0.0023	0.0094+0.0029	0.0055+0.0033	0.0000+0.0146	0.0166+0.0110
076	851004	0.0794+0.0047	0.0019+0.0019	0.0158+0.0023	0.0004+0.0028	0.0022+0.0104	0.0000+0.0077
076	851010	0.0867+0.0050	0.0000+0.0019	0.0151+0.0019	0.0009+0.0023	0.0000+0.0092	0.0019+0.0063
076	851016	0.0950+0.0055	0.0000+0.0019	0.0194+0.0021	0.0008+0.0024	0.0156+0.0088	0.0100+0.0062
076	851022	0.0598+0.0037	0.0005+0.0017	0.0120+0.0019	0.0000+0.0020	0.0000+0.0083	0.0000+0.0063
076	851028	0.0384+0.0027	0.0000+0.0014	0.0080+0.0017	0.0000+0.0019	0.0095+0.0080	0.0070+0.0056
076	851103	0.1028+0.0059	0.0023+0.0023	0.0163+0.0024	0.0000+0.0031	0.0000+0.0115	0.0000+0.0084
076	851109	0.0481+0.0039	0.0000+0.0015	0.0074+0.0018	0.0000+0.0021	0.0000+0.0090	0.0047+0.0054
076	851115	0.0918+0.0070	0.0010+0.0019	0.0107+0.0018	0.0000+0.0024	0.0000+0.0087	0.0000+0.0053
076	851121	0.1024+0.0077	0.0009+0.0021	0.0130+0.0022	0.0005+0.0026	0.0082+0.0102	0.0000+0.0059
076	851127	0.0256+0.0025	0.0005+0.0018	0.0043+0.0021	0.0035+0.0026	0.0000+0.0111	0.0037+0.0067
076	851203	0.0924+0.0070	0.0019+0.0021	0.0052+0.0020	0.0007+0.0026	0.0000+0.0106	0.0047+0.0063
076	851209	0.0533+0.0042	0.0015+0.0015	0.0069+0.0017	0.0000+0.0021	0.0140+0.0087	0.0000+0.0049
076	851215	0.0887+0.0067	0.0015+0.0019	0.0091+0.0018	0.0000+0.0023	0.0164+0.0090	0.0000+0.0054
076	851221	0.1652+0.0122	0.0006+0.0030	0.0193+0.0029	0.0005+0.0037	0.0000+0.0131	0.0000+0.0079
076	851227	0.0869+0.0067	0.0013+0.0025	0.0104+0.0026	0.0006+0.0032	0.0000+0.0133	0.0000+0.0083



PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	BR	RB	SR	Y	ZR	MO
076	860102	0.0419+0.0035	0.0024+0.0020	0.0057+0.0023	0.0000+0.0028	0.0000+0.0119	0.0133+0.0076
076	860108	0.1083+0.0078	0.0044+0.0026	0.0198+0.0028	0.0013+0.0032	0.0000+0.0125	0.0000+0.0079
076	860114	0.0944+0.0069	0.0036+0.0023	0.0382+0.0036	0.0008+0.0029	0.0000+0.0118	0.0000+0.0074
076	860120	0.0444+0.0036	0.0006+0.0018	0.0052+0.0021	0.0000+0.0026	0.0000+0.0109	0.0135+0.0070
076	860126	0.0534+0.0042	0.0040+0.0021	0.0112+0.0025	0.0000+0.0030	0.0000+0.0122	0.0110+0.0077
076	860201	0.0705+0.0053	0.0026+0.0020	0.0108+0.0022	0.0022+0.0025	0.0000+0.0103	0.0101+0.0065
076	860207	0.0920+0.0067	0.0022+0.0020	0.0175+0.0022	0.0035+0.0025	0.0071+0.0091	0.0000+0.0057
076	860213	0.0418+0.0034	0.0015+0.0015	0.0038+0.0015	0.0003+0.0020	0.0000+0.0081	0.0000+0.0052
076	860219	0.0227+0.0052	0.0005+0.0061	0.0015+0.0073	0.0000+0.0091	0.0000+0.0393	0.0237+0.0247
076	860225	0.0682+0.0051	0.0026+0.0017	0.0112+0.0019	0.0039+0.0025	0.0000+0.0089	0.0000+0.0056
076	860303	0.0257+0.0024	0.0007+0.0016	0.0052+0.0019	0.0037+0.0023	0.0000+0.0098	0.0000+0.0062
076	860309	0.0263+0.0024	0.0023+0.0015	0.0055+0.0018	0.0023+0.0022	0.0000+0.0092	0.0037+0.0056
076	860315	0.0751+0.0055	0.0002+0.0019	0.0065+0.0019	0.0022+0.0023	0.0041+0.0094	0.0000+0.0056
076	860321	0.0664+0.0050	0.0017+0.0019	0.0097+0.0021	0.0009+0.0026	0.0000+0.0104	0.0078+0.0064
076	860327	0.0459+0.0036	0.0008+0.0017	0.0080+0.0020	0.0000+0.0024	0.0000+0.0101	0.0029+0.0062
076	860402	0.0270+0.0026	0.0045+0.0018	0.0132+0.0023	0.0000+0.0024	0.0104+0.0108	0.0052+0.0067
076	860408	0.0516+0.0041	0.0000+0.0018	0.0040+0.0020	0.0000+0.0024	0.0000+0.0104	0.0061+0.0066
076	860414	0.0375+0.0032	0.0000+0.0017	0.0041+0.0020	0.0000+0.0024	0.0031+0.0103	0.0028+0.0065
076	860420	0.0661+0.0052	0.0000+0.0017	0.0117+0.0019	0.0000+0.0023	0.0000+0.0088	0.0000+0.0052
076	860426	0.0640+0.0050	0.0000+0.0016	0.0064+0.0016	0.0000+0.0021	0.0162+0.0084	0.0000+0.0052
076	860502	0.0582+0.0046	0.0006+0.0017	0.0164+0.0022	0.0000+0.0022	0.0000+0.0089	0.0043+0.0056
076	860508	0.0470+0.0038	0.0017+0.0016	0.0123+0.0020	0.0000+0.0022	0.0107+0.0091	0.0000+0.0055
076	860514	0.0198+0.0021	0.0000+0.0016	0.0040+0.0020	0.0000+0.0024	0.0073+0.0104	0.0000+0.0064
076	860520	0.0293+0.0027	0.0008+0.0017	0.0137+0.0024	0.0000+0.0025	0.0000+0.0109	0.0000+0.0071
076	860526	0.0216+0.0022	0.0000+0.0017	0.0056+0.0021	0.0000+0.0025	0.0037+0.0109	0.0051+0.0069
076	860601	0.0180+0.0020	0.0000+0.0017	0.0053+0.0021	0.0000+0.0025	0.0000+0.0107	0.0000+0.0067
076	860607	0.0332+0.0029	0.0000+0.0016	0.0061+0.0020	0.0000+0.0024	0.0003+0.0101	0.0000+0.0062
076	860613	0.0217+0.0021	0.0000+0.0016	0.0063+0.0020	0.0015+0.0024	0.0114+0.0102	0.0039+0.0063
076	860619	0.0398+0.0034	0.0024+0.0021	0.0123+0.0025	0.0013+0.0029	0.0000+0.0120	0.0125+0.0077
076	860625	0.0175+0.0020	0.0000+0.0018	0.0071+0.0023	0.0000+0.0028	0.0000+0.0116	0.0077+0.0075

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	BR	RB	SR	Y	ZR	MO
076	860701	0.0195+0.0019	0.0000+0.0013	0.0082+0.0017	0.0000+0.0018	0.0146+0.0081	0.0044+0.0050
076	860707	0.0093+0.0012	0.0000+0.0011	0.0042+0.0015	0.0000+0.0017	0.0000+0.0075	0.0000+0.0046
076	860713	0.0147+0.0017	0.0000+0.0014	0.0022+0.0016	0.0000+0.0021	0.0000+0.0091	0.0000+0.0055
076	860719	0.0334+0.0028	0.0000+0.0015	0.0062+0.0017	0.0005+0.0021	0.0000+0.0091	0.0000+0.0053
076	860725	0.0162+0.0019	0.0000+0.0017	0.0036+0.0021	0.0000+0.0025	0.0045+0.0107	0.0000+0.0067
076	860731	0.0145+0.0018	0.0002+0.0016	0.0027+0.0018	0.0000+0.0023	0.0000+0.0100	0.0047+0.0062
076	860806	0.0142+0.0019	0.0006+0.0017	0.0065+0.0022	0.0000+0.0026	0.0000+0.0113	0.0000+0.0070
076	860812	0.0123+0.0015	0.0003+0.0013	0.0069+0.0017	0.0002+0.0018	0.0061+0.0080	0.0000+0.0050
076	860818	0.0401+0.0034	0.0031+0.0018	0.0157+0.0023	0.0000+0.0025	0.0000+0.0102	0.0023+0.0064
076	860824	0.0209+0.0020	0.0005+0.0012	0.0070+0.0015	0.0002+0.0017	0.0148+0.0074	0.0040+0.0045
076	860830	0.0387+0.0033	0.0000+0.0017	0.0107+0.0021	0.0000+0.0024	0.0000+0.0100	0.0000+0.0063
076	860905	0.0220+0.0024	0.0000+0.0020	0.0046+0.0024	0.0000+0.0029	0.0000+0.0125	0.0098+0.0081
076	860911	0.0175+0.0018	0.0000+0.0015	0.0045+0.0017	0.0000+0.0022	0.0110+0.0094	0.0000+0.0058
076	860917	0.0513+0.0042	0.0014+0.0015	0.0109+0.0018	0.0000+0.0021	0.0000+0.0082	0.0000+0.0049
076	860923	0.0472+0.0038	0.0000+0.0015	0.0081+0.0018	0.0012+0.0021	0.0171+0.0086	0.0000+0.0052
076	860929	0.0587+0.0047	0.0000+0.0016	0.0061+0.0018	0.0000+0.0022	0.0000+0.0089	0.0000+0.0053
076	861005	0.0618+0.0049	0.0006+0.0016	0.0111+0.0019	0.0000+0.0023	0.0063+0.0087	0.0000+0.0053
076	861011	0.0122+0.0015	0.0006+0.0014	0.0053+0.0018	0.0000+0.0020	0.0095+0.0087	0.0000+0.0054
076	861017	0.0386+0.0032	0.0013+0.0015	0.0086+0.0018	0.0000+0.0021	0.0101+0.0088	0.0028+0.0055
076	861023	0.0502+0.0041	0.0020+0.0021	0.0095+0.0024	0.0000+0.0029	0.0000+0.0117	0.0032+0.0074
076	861029	0.0590+0.0046	0.0018+0.0017	0.0160+0.0021	0.0000+0.0022	0.0000+0.0091	0.0087+0.0056
076	861104	0.0561+0.0045	0.0017+0.0016	0.0133+0.0021	0.0000+0.0022	0.0187+0.0094	0.0003+0.0055
076	861110	0.0942+0.0072	0.0036+0.0022	0.0273+0.0030	0.0000+0.0029	0.0000+0.0113	0.0027+0.0066
076	861116	0.0812+0.0063	0.0003+0.0021	0.0111+0.0023	0.0000+0.0028	0.0000+0.0106	0.0000+0.0066
076	861122	0.0119+0.0014	0.0028+0.0013	0.0116+0.0018	0.0000+0.0019	0.0000+0.0081	0.0000+0.0049
076	861128	0.0574+0.0046	0.0000+0.0018	0.0082+0.0021	0.0000+0.0025	0.0000+0.0102	0.0044+0.0065
076	861204	0.1101+0.0083	0.0016+0.0024	0.0152+0.0026	0.0000+0.0031	0.0000+0.0116	0.0023+0.0073
076	861210	0.1031+0.0078	0.0031+0.0021	0.0213+0.0024	0.0000+0.0025	0.0046+0.0093	0.0000+0.0057
076	861216	0.0904+0.0070	0.0000+0.0021	0.0214+0.0027	0.0000+0.0028	0.0216+0.0109	0.0095+0.0068
076	861222	0.0670+0.0052	0.0023+0.0017	0.0195+0.0024	0.0023+0.0023	0.0113+0.0092	0.0048+0.0057
076	861228	0.1210+0.0091	0.0000+0.0023	0.0162+0.0024	0.0000+0.0027	0.0000+0.0105	0.0070+0.0064

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	PD	AG	CD	IN	SN	SB
076	850805	0.0088+0.0060	0.0094+0.0083	0.0146+0.0116	0.0000+0.0131	0.0322+0.0161	0.0077+0.0259
076	850811	0.0000+0.0051	0.0161+0.0080	0.0210+0.0108	0.0000+0.0119	0.0075+0.0136	0.0355+0.0245
076	850817	0.0000+0.0046	0.0086+0.0069	0.0179+0.0098	0.0136+0.0113	0.0175+0.0128	0.0328+0.0224
076	850823	0.0005+0.0057	0.0144+0.0084	0.0097+0.0113	0.0093+0.0133	0.0261+0.0155	0.0000+0.0274
076	850829	0.0016+0.0051	0.0162+0.0077	0.0231+0.0104	0.0000+0.0113	0.0361+0.0141	0.0454+0.0241
076	850904	0.0062+0.0060	0.0000+0.0087	0.0156+0.0117	0.0091+0.0136	0.0160+0.0153	0.0534+0.0277
076	850910	0.0074+0.0055	0.0016+0.0074	0.0247+0.0110	0.0045+0.0123	0.0206+0.0143	0.0000+0.0267
076	850916	0.0081+0.0066	0.0000+0.0086	0.0202+0.0126	0.0000+0.0142	0.0106+0.0164	0.0000+0.0273
076	850922	0.0042+0.0077	0.0080+0.0107	0.0272+0.0154	0.0000+0.0173	0.0120+0.0200	0.0249+0.0348
076	850928	0.0000+0.0087	0.0144+0.0125	0.0308+0.0177	0.0000+0.0197	0.0043+0.0228	0.0669+0.0409
076	851004	0.0000+0.0059	0.0153+0.0090	0.0019+0.0118	0.0122+0.0142	0.0219+0.0162	0.0519+0.0286
076	851010	0.0038+0.0052	0.0055+0.0075	0.0120+0.0105	0.0102+0.0119	0.0228+0.0142	0.0523+0.0256
076	851016	0.0047+0.0051	0.0045+0.0073	0.0146+0.0103	0.0144+0.0115	0.0000+0.0140	0.0000+0.0249
076	851022	0.0063+0.0050	0.0045+0.0070	0.0175+0.0101	0.0095+0.0110	0.0156+0.0132	0.0259+0.0234
076	851028	0.0079+0.0049	0.0033+0.0066	0.0087+0.0093	0.0000+0.0101	0.0211+0.0126	0.0091+0.0213
076	851103	0.0006+0.0065	0.0080+0.0098	0.0245+0.0138	0.0059+0.0151	0.0188+0.0180	0.0360+0.0319
076	851109	0.0035+0.0057	0.0000+0.0071	0.0038+0.0097	0.0000+0.0116	0.0156+0.0150	0.0373+0.0325
076	851115	0.0000+0.0053	0.0071+0.0073	0.0010+0.0092	0.0055+0.0115	0.0300+0.0151	0.0162+0.0307
076	851121	0.0000+0.0060	0.0022+0.0082	0.0065+0.0108	0.0089+0.0132	0.0000+0.0164	0.0266+0.0356
076	851127	0.0000+0.0068	0.0042+0.0092	0.0026+0.0119	0.0093+0.0148	0.0000+0.0180	0.0093+0.0390
076	851203	0.0083+0.0069	0.0000+0.0087	0.0040+0.0114	0.0174+0.0143	0.0340+0.0183	0.0057+0.0372
076	851209	0.0047+0.0055	0.0045+0.0070	0.0098+0.0093	0.0003+0.0110	0.0000+0.0135	0.0000+0.0280
076	851215	0.0068+0.0057	0.0124+0.0077	0.0022+0.0093	0.0057+0.0115	0.0129+0.0146	0.0487+0.0321
076	851221	0.0047+0.0083	0.0034+0.0107	0.0000+0.0138	0.0063+0.0171	0.0000+0.0211	0.0307+0.0461
076	851227	0.0041+0.0085	0.0068+0.0113	0.0025+0.0145	0.0162+0.0181	0.0328+0.0228	0.0118+0.0475

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	PD	AG	CD	IN	SN	SB
076	860102	0.0093+0.0081	0.0083+0.0099	0.0000+0.0126	0.0006+0.0164	0.0000+0.0197	0.0000+0.0436
076	860108	0.0000+0.0079	0.0000+0.0105	0.0000+0.0131	0.0000+0.0167	0.0000+0.0205	0.0000+0.0454
076	860114	0.0037+0.0075	0.0100+0.0100	0.0226+0.0129	0.0193+0.0161	0.0006+0.0191	0.0000+0.0422
076	860120	0.0013+0.0071	0.0083+0.0092	0.0131+0.0122	0.0085+0.0153	0.0174+0.0188	0.0000+0.0398
076	860126	0.0000+0.0077	0.0022+0.0099	0.0165+0.0135	0.0014+0.0167	0.0031+0.0204	0.0000+0.0448
076	860201	0.0091+0.0069	0.0001+0.0082	0.0000+0.0109	0.0083+0.0142	0.0182+0.0174	0.0325+0.0387
076	860207	0.0006+0.0057	0.0161+0.0081	0.0000+0.0093	0.0000+0.0119	0.0083+0.0148	0.0507+0.0342
076	860213	0.0000+0.0050	0.0071+0.0071	0.0000+0.0093	0.0048+0.0110	0.0136+0.0137	0.0143+0.0301
076	860219	0.0000+0.0255	0.0000+0.0313	0.0000+0.0416	0.0000+0.0535	0.0000+0.0651	0.0000+0.1435
076	860225	0.0126+0.0062	0.0044+0.0072	0.0137+0.0099	0.0070+0.0121	0.0196+0.0151	0.0237+0.0332
076	860303	0.0040+0.0064	0.0066+0.0082	0.0031+0.0105	0.0093+0.0136	0.0151+0.0166	0.0669+0.0382
076	860309	0.0000+0.0056	0.0079+0.0079	0.0000+0.0095	0.0000+0.0118	0.0263+0.0156	0.0466+0.0347
076	860315	0.0014+0.0060	0.0057+0.0077	0.0048+0.0100	0.0000+0.0122	0.0072+0.0156	0.0446+0.0356
076	860321	0.0000+0.0064	0.0045+0.0085	0.0128+0.0113	0.0000+0.0137	0.0010+0.0170	0.0000+0.0376
076	860327	0.0020+0.0066	0.0118+0.0085	0.0051+0.0108	0.0003+0.0136	0.0175+0.0170	0.0374+0.0380
076	860402	0.0002+0.0070	0.0053+0.0092	0.0000+0.0114	0.0038+0.0151	0.0000+0.0169	0.0182+0.0387
076	860408	0.0028+0.0069	0.0000+0.0085	0.0075+0.0114	0.0000+0.0144	0.0044+0.0168	0.0000+0.0373
076	860414	0.0000+0.0063	0.0000+0.0084	0.0000+0.0109	0.0000+0.0139	0.0080+0.0167	0.0000+0.0368
076	860420	0.0017+0.0054	0.0000+0.0070	0.0043+0.0091	0.0096+0.0119	0.0000+0.0128	0.0581+0.0320
076	860426	0.0000+0.0052	0.0083+0.0074	0.0104+0.0092	0.0000+0.0111	0.0065+0.0134	0.0276+0.0304
076	860502	0.0120+0.0063	0.0069+0.0078	0.0088+0.0098	0.0114+0.0127	0.0185+0.0148	0.0190+0.0325
076	860508	0.0082+0.0062	0.0000+0.0076	0.0044+0.0098	0.0000+0.0124	0.0067+0.0146	0.0311+0.0332
076	860514	0.0005+0.0068	0.0030+0.0089	0.0000+0.0110	0.0000+0.0142	0.0124+0.0170	0.0000+0.0364
076	860520	0.0013+0.0072	0.0046+0.0094	0.0006+0.0118	0.0108+0.0156	0.0183+0.0180	0.0115+0.0396
076	860526	0.0046+0.0072	0.0000+0.0092	0.0057+0.0118	0.0000+0.0148	0.0095+0.0177	0.0460+0.0404
076	860601	0.0000+0.0070	0.0000+0.0090	0.0107+0.0121	0.0037+0.0154	0.0132+0.0179	0.0000+0.0388
076	860607	0.0000+0.0066	0.0021+0.0086	0.0069+0.0112	0.0000+0.0137	0.0255+0.0170	0.0656+0.0385
076	860613	0.0000+0.0063	0.0000+0.0083	0.0000+0.0106	0.0000+0.0135	0.0033+0.0161	0.0415+0.0372
076	860619	0.0031+0.0079	0.0000+0.0101	0.0074+0.0132	0.0000+0.0168	0.0164+0.0198	0.0203+0.0438
076	860625	0.0000+0.0077	0.0000+0.0098	0.0110+0.0130	0.0000+0.0161	0.0000+0.0188	0.0223+0.0428

## PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	PD	AG	CD	IN	SN	SB
076	860701	0.0014+0.0052	0.0008+0.0066	0.0063+0.0087	0.0013+0.0110	0.0123+0.0130	0.0089+0.0285
076	860707	0.0108+0.0054	0.0000+0.0068	0.0044+0.0081	0.0146+0.0109	0.0113+0.0122	0.0000+0.0262
076	860713	0.0056+0.0060	0.0000+0.0072	0.0000+0.0094	0.0061+0.0126	0.0054+0.0144	0.0192+0.0324
076	860719	0.0031+0.0057	0.0055+0.0076	0.0056+0.0095	0.0044+0.0122	0.0218+0.0145	0.0112+0.0313
076	860725	0.0000+0.0068	0.0028+0.0092	0.0000+0.0114	0.0000+0.0147	0.0207+0.0176	0.0000+0.0375
076	860731	0.0000+0.0063	0.0000+0.0081	0.0146+0.0111	0.0000+0.0136	0.0210+0.0164	0.0010+0.0355
076	860806	0.0026+0.0075	0.0045+0.0097	0.0000+0.0119	0.0000+0.0157	0.0003+0.0182	0.0008+0.0406
076	860812	0.0046+0.0054	0.0016+0.0068	0.0000+0.0083	0.0023+0.0111	0.0339+0.0138	0.0107+0.0287
076	860818	0.0000+0.0066	0.0000+0.0087	0.0000+0.0110	0.0089+0.0146	0.0252+0.0171	0.0190+0.0374
076	860824	0.0023+0.0047	0.0032+0.0061	0.0121+0.0081	0.0000+0.0098	0.0299+0.0123	0.0085+0.0256
076	860830	0.0000+0.0065	0.0057+0.0088	0.0000+0.0104	0.0000+0.0141	0.0285+0.0170	0.0228+0.0370
076	860905	0.0000+0.0082	0.0052+0.0109	0.0146+0.0141	0.0000+0.0177	0.0000+0.0203	0.0000+0.0457
076	860911	0.0006+0.0061	0.0059+0.0081	0.0074+0.0103	0.0000+0.0128	0.0219+0.0155	0.0178+0.0339
076	860917	0.0094+0.0057	0.0057+0.0069	0.0029+0.0085	0.0000+0.0107	0.0046+0.0128	0.0000+0.0271
076	860923	0.0000+0.0052	0.0070+0.0073	0.0000+0.0089	0.0000+0.0113	0.0180+0.0139	0.0319+0.0308
076	860929	0.0099+0.0060	0.0065+0.0075	0.0000+0.0091	0.0012+0.0120	0.0289+0.0146	0.0025+0.0309
076	861005	0.0000+0.0056	0.0077+0.0077	0.0000+0.0089	0.0000+0.0120	0.0072+0.0140	0.0174+0.0315
076	861011	0.0000+0.0056	0.0025+0.0074	0.0182+0.0100	0.0000+0.0117	0.0189+0.0145	0.0021+0.0312
076	861017	0.0074+0.0060	0.0006+0.0074	0.0027+0.0095	0.0000+0.0122	0.0111+0.0143	0.0000+0.0348
076	861023	0.0000+0.0078	0.0000+0.0101	0.0067+0.0130	0.0000+0.0164	0.0337+0.0199	0.0290+0.0433
076	861029	0.0000+0.0056	0.0000+0.0074	0.0028+0.0094	0.0000+0.0119	0.0000+0.0149	0.0558+0.0335
076	861104	0.0047+0.0060	0.0097+0.0079	0.0197+0.0103	0.0000+0.0121	0.0000+0.0152	0.0152+0.0327
076	861110	0.0056+0.0071	0.0034+0.0089	0.0000+0.0111	0.0166+0.0151	0.0129+0.0174	0.0336+0.0393
076	861116	0.0002+0.0069	0.0000+0.0085	0.0000+0.0112	0.0000+0.0144	0.0104+0.0174	0.0097+0.0388
076	861122	0.0031+0.0052	0.0000+0.0065	0.0071+0.0087	0.0000+0.0109	0.0000+0.0125	0.0321+0.0293
076	861128	0.0090+0.0071	0.0000+0.0085	0.0000+0.0110	0.0000+0.0142	0.0216+0.0172	0.0090+0.0377
076	861204	0.0000+0.0074	0.0000+0.0099	0.0213+0.0133	0.0000+0.0161	0.0391+0.0199	0.0166+0.0430
076	861210	0.0073+0.0064	0.0083+0.0080	0.0091+0.0102	0.0016+0.0128	0.0216+0.0154	0.0135+0.0338
076	861216	0.0003+0.0070	0.0000+0.0087	0.0005+0.0115	0.0006+0.0149	0.0102+0.0175	0.0035+0.0388
076	861222	0.0000+0.0064	0.0071+0.0079	0.0000+0.0096	0.0000+0.0124	0.0208+0.0153	0.0040+0.0329
076	861228	0.0000+0.0067	0.0026+0.0088	0.0118+0.0115	0.0000+0.0144	0.0105+0.0169	0.0326+0.0383

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	BA	LA	HG	PB
076	850805	0.0754+0.0727	0.2050+0.1108	0.0000+0.0016	0.1374+0.0093
076	850811	0.0850+0.0664	0.1728+0.1005	0.0024+0.0018	0.0675+0.0060
076	850817	0.0000+0.0618	0.0000+0.0941	0.0009+0.0015	0.0886+0.0068
076	850823	0.0000+0.0737	0.0525+0.1073	0.0000+0.0018	0.2987+0.0170
076	850829	0.0810+0.0642	0.0000+0.1000	0.0000+0.0016	0.2433+0.0142
076	850904	0.0638+0.0733	0.0897+0.1100	0.0000+0.0017	0.1484+0.0099
076	850910	0.0365+0.0663	0.0825+0.1000	0.0004+0.0016	0.1541+0.0099
076	850916	0.0772+0.0789	0.1350+0.1186	0.0000+0.0019	0.1763+0.0112
076	850922	0.0003+0.0951	0.0000+0.1416	0.0000+0.0021	0.2039+0.0130
076	850928	0.0000+0.1083	0.0000+0.1631	0.0000+0.0025	0.1201+0.0098
076	851004	0.1297+0.0774	0.0000+0.1173	0.0012+0.0019	0.4156+0.0228
076	851010	0.0000+0.0668	0.0000+0.0999	0.0054+0.0019	0.3407+0.0190
076	851016	0.0000+0.0662	0.1379+0.1006	0.0000+0.0015	0.3879+0.0213
076	851022	0.0000+0.0629	0.1593+0.0983	0.0012+0.0015	0.2729+0.0156
076	851028	0.0000+0.0614	0.0000+0.0951	0.0027+0.0015	0.1631+0.0102
076	851103	0.1734+0.0851	0.0000+0.1292	0.0018+0.0020	0.4613+0.0252
076	851109	0.0958+0.0624	0.0194+0.1101	0.0027+0.0013	0.1365+0.0113
076	851115	0.1173+0.0610	0.0000+0.1130	0.0010+0.0012	0.3806+0.0282
076	851121	0.1094+0.0694	0.1454+0.1249	0.0000+0.0012	0.3589+0.0267
076	851127	0.0282+0.0755	0.0000+0.1360	0.0005+0.0013	0.0883+0.0085
076	851203	0.0893+0.0733	0.1662+0.1333	0.0002+0.0013	0.2745+0.0209
076	851209	0.0985+0.0588	0.1469+0.1061	0.0013+0.0012	0.2290+0.0176
076	851215	0.0816+0.0606	0.1112+0.1092	0.0000+0.0010	0.3366+0.0251
076	851221	0.0882+0.0892	0.0000+0.1593	0.0021+0.0018	0.6818+0.0496
076	851227	0.0000+0.0906	0.0000+0.1632	0.0001+0.0016	0.2377+0.0187

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	BA	LA	HG	PB
076	860102	0.0000+0.0836	0.0000+0.1523	0.0000+0.0015	0.1312+0.0110
076	860108	0.0328+0.0871	0.0000+0.1583	0.0000+0.0016	0.4111+0.0291
076	860114	0.0237+0.0814	0.0264+0.1502	0.0000+0.0015	0.2985+0.0216
076	860120	0.0657+0.0789	0.0221+0.1444	0.0007+0.0015	0.1555+0.0123
076	860126	0.0000+0.0855	0.0000+0.1554	0.0000+0.0015	0.2684+0.0197
076	860201	0.0000+0.0711	0.0000+0.1326	0.0000+0.0013	0.1871+0.0144
076	860207	0.0000+0.0644	0.0591+0.1155	0.0030+0.0014	0.3813+0.0271
076	860213	0.0824+0.0581	0.0654+0.1054	0.0000+0.0010	0.1458+0.0114
076	860219	0.0000+0.2732	0.0000+0.5047	0.0000+0.0048	0.1513+0.0206
076	860225	0.0000+0.0647	0.1249+0.1166	0.0015+0.0013	0.3650+0.0257
076	860303	0.0905+0.0703	0.0000+0.1261	0.0008+0.0013	0.1411+0.0112
076	860309	0.1235+0.0656	0.0707+0.1181	0.0000+0.0010	0.1633+0.0125
076	860315	0.0000+0.0643	0.0000+0.1166	0.0000+0.0012	0.2055+0.0154
076	860321	0.0132+0.0722	0.0000+0.1326	0.0000+0.0014	0.3203+0.0228
076	860327	0.0000+0.0690	0.1110+0.1316	0.0003+0.0013	0.1980+0.0148
076	860402	0.0493+0.0734	0.0799+0.1329	0.0009+0.0014	0.0844+0.0082
076	860408	0.1133+0.0730	0.0397+0.1292	0.0000+0.0013	0.1694+0.0136
076	860414	0.0182+0.0704	0.0000+0.1270	0.0000+0.0012	0.1579+0.0128
076	860420	0.0704+0.0580	0.0000+0.1086	0.0007+0.0011	0.2939+0.0220
076	860426	0.0436+0.0568	0.0000+0.1062	0.0008+0.0011	0.2278+0.0175
076	860502	0.0000+0.0603	0.0000+0.1142	0.0000+0.0011	0.1837+0.0145
076	860508	0.0871+0.0628	0.1623+0.1140	0.0000+0.0011	0.2019+0.0158
076	860514	0.0000+0.0706	0.0282+0.1290	0.0000+0.0011	0.0556+0.0065
076	860520	0.0183+0.0749	0.0410+0.1358	0.0000+0.0013	0.1006+0.0092
076	860526	0.0085+0.0745	0.1872+0.1380	0.0000+0.0013	0.0996+0.0092
076	860601	0.0000+0.0733	0.0136+0.1349	0.0000+0.0014	0.1096+0.0098
076	860607	0.0000+0.0686	0.1247+0.1276	0.0000+0.0012	0.0930+0.0086
076	860613	0.1380+0.0710	0.0024+0.1239	0.0000+0.0012	0.0995+0.0090
076	860619	0.0000+0.0809	0.0822+0.1503	0.0000+0.0015	0.1241+0.0110
076	860625	0.0000+0.0798	0.0000+0.1435	0.0005+0.0015	0.0656+0.0074

PM10 CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	BA	LA	HG	PB
076	860701	0.0000+0.0561	0.1046+0.0994	0.0008+0.0010	0.0591+0.0061
076	860707	0.0589+0.0516	0.2270+0.0970	0.0009+0.0010	0.0346+0.0046
076	860713	0.0000+0.0595	0.1119+0.1117	0.0000+0.0010	0.0594+0.0063
076	860719	0.1073+0.0610	0.0995+0.1084	0.0017+0.0013	0.1108+0.0095
076	860725	0.0224+0.0731	0.1137+0.1338	0.0000+0.0013	0.1199+0.0104
076	860731	0.0025+0.0673	0.1500+0.1247	0.0000+0.0012	0.0869+0.0081
076	860806	0.0014+0.0770	0.0000+0.1392	0.0009+0.0015	0.1429+0.0121
076	860812	0.1002+0.0560	0.0401+0.0982	0.0000+0.0009	0.0376+0.0048
076	860818	0.0350+0.0706	0.0065+0.1272	0.0000+0.0013	0.2324+0.0180
076	860824	0.0000+0.0477	0.0000+0.0945	0.0008+0.0009	0.1130+0.0094
076	860830	0.0473+0.0698	0.1057+0.1271	0.0007+0.0013	0.1197+0.0103
076	860905	0.0000+0.0852	0.0000+0.1548	0.0003+0.0016	0.0743+0.0082
076	860911	0.0386+0.0639	0.1131+0.1167	0.0000+0.0012	0.0464+0.0057
076	860917	0.0000+0.0590	0.0000+0.1023	0.0000+0.0010	0.2187+0.0169
076	860923	0.0205+0.0568	0.0000+0.1085	0.0000+0.0010	0.1674+0.0133
076	860929	0.0000+0.0580	0.1303+0.1086	0.0000+0.0010	0.2485+0.0191
076	861005	0.0000+0.0623	0.0000+0.1109	0.0003+0.0012	0.3402+0.0256
076	861011	0.1072+0.0614	0.0414+0.1079	0.0006+0.0012	0.0475+0.0056
076	861017	0.0000+0.0626	0.1492+0.1106	0.0000+0.0010	0.1458+0.0120
076	861023	0.0000+0.0800	0.0549+0.1474	0.0009+0.0015	0.1882+0.0152
076	861029	0.0743+0.0609	0.1805+0.1113	0.0023+0.0014	0.2045+0.0160
076	861104	0.0000+0.0642	0.0969+0.1112	0.0007+0.0013	0.2065+0.0161
076	861110	0.1312+0.0744	0.0044+0.1303	0.0000+0.0013	0.4177+0.0312
076	861116	0.1270+0.0747	0.1378+0.1333	0.0012+0.0015	0.3618+0.0272
076	861122	0.1042+0.0557	0.1549+0.1003	0.0000+0.0009	0.0469+0.0053
076	861128	0.0439+0.0725	0.1512+0.1302	0.0000+0.0014	0.1981+0.0158
076	861204	0.0767+0.0827	0.0000+0.1437	0.0027+0.0017	0.4359+0.0326
076	861210	0.0891+0.0656	0.1198+0.1158	0.0013+0.0014	0.3549+0.0267
076	861216	0.1417+0.0767	0.1329+0.1338	0.0008+0.0015	0.3158+0.0241
076	861222	0.0000+0.0659	0.1838+0.1155	0.0013+0.0013	0.2569+0.0198
076	861228	0.1148+0.0736	0.1543+0.1298	0.0000+0.0014	0.3552+0.0269



## Part E

PM<sub>10</sub> Concentrations Measured at Rubidoux

This section contains data on PM<sub>10</sub> mass concentration and chemical composition measured at Rubidoux. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule over the period August 1985 - December 1986. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following PM<sub>10</sub> ( $d_p < 10 \mu\text{m AD}$ ) aerosol species: PM<sub>10</sub> mass, organic carbon (OC), elemental carbon (EC), total carbon (TC = OC + EC), NO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>, SO<sub>4</sub><sup>=</sup>, NH<sub>4</sub><sup>+</sup>, Na<sup>+</sup>, Mg<sup>++</sup>, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.99 \pm -9.99$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol < are determined to be below their detection limit. In that case, the measured concentration is bounded up to the sample detection limit and the error bound is determined by statistically propagating the sampling and analysis precisions for that sample. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol < has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by Cl<sup>-</sup>, while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Water soluble PM<sub>10</sub> Br<sup>-</sup> aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	MASS	OC	EC	TC	NH4+
144	850805	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
144	850811	85.02+- 2.94	14.47+- 0.97	1.25+- 0.31	15.72+- 0.47	4.34+- 0.17
144	850817	71.42+- 2.87	7.98+- 0.64	0.98+- 0.29	8.96+- 0.27	6.47+- 0.26
144	850823	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
144	850829	137.50+- 3.03	18.67+- 1.18	2.86+- 0.39	21.53+- 0.65	1.46+- 0.06
144	850904	35.80+- 2.86	4.57+- 0.48	0.74+- 0.29	5.32+- 0.16	1.68+- 0.07
144	850910	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
144	850916	75.48+- 2.88	8.60+- 0.67	1.22+- 0.30	9.82+- 0.29	3.67+- 0.15
144	850922	85.82+- 2.93	10.75+- 0.78	1.61+- 0.33	12.35+- 0.37	0.71+- 0.03
144	850928	43.90+- 2.91	7.50+- 0.62	1.00+- 0.30	8.50+- 0.25	2.81+- 0.11
144	851004	136.57+- 3.06	15.80+- 1.04	4.10+- 0.45	19.90+- 0.60	2.83+- 0.11
144	851010	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
144	851016	85.29+- 2.94	10.11+- 0.76	2.12+- 0.36	12.23+- 0.37	0.77+- 0.03
144	851022	41.97+- 2.90	7.43+- 0.62	1.06+- 0.30	8.49+- 0.25	3.59+- 0.14
144	851028	153.49+- 3.10	8.50+- 0.68	1.50+- 0.33	10.00+- 0.30	25.34+- 1.01
144	851103	137.83+- 3.05	18.20+- 1.16	2.62+- 0.38	20.82+- 0.62	8.13+- 0.33
144	851109	37.84+- 2.90	4.73+- 0.49	0.62+- 0.28	5.36+- 0.16	1.21+- 0.05
144	851115	68.06+- 2.93	8.98+- 0.70	3.12+- 0.41	12.10+- 0.36	0.27+- 0.01
144	851121	105.18+- 2.99	16.27+- 1.06	4.25+- 0.46	20.52+- 0.62	5.45+- 0.22
144	851127	69.49+- 2.96	7.81+- 0.64	1.64+- 0.33	9.44+- 0.28	11.32+- 0.45
144	851203	41.96+- 2.92	11.03+- 0.80	3.26+- 0.41	14.28+- 0.43	0.71+- 0.03
144	851209	40.40+- 2.90	8.59+- 0.68	1.62+- 0.33	10.21+- 0.31	0.35+- 0.01
144	851215	45.06+- 2.94	6.73+- 0.59	1.56+- 0.33	8.29+- 0.25	0.17+- 0.01
144	851221	91.38+- 3.00	11.28+- 0.81	3.22+- 0.41	14.51+- 0.44	1.23+- 0.05
144	851227	173.13+- 3.21	18.97+- 1.20	5.90+- 0.55	24.87+- 0.75	11.05+- 0.44

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	MASS	OC	EC	TC	NH4+
144	860102	169.68+- 3.17	16.80+- 1.09	4.26+- 0.46	21.06+- 0.63	21.27+- 0.85
144	860108	63.11+- 2.92	7.84+- 0.64	2.44+- 0.37	10.28+- 0.31	< 0.10+- 0.00
144	860114	63.73+- 2.95	11.09+- 0.80	3.66+- 0.43	14.75+- 0.44	0.59+- 0.02
144	860120	154.27+- 3.11	13.09+- 0.90	2.90+- 0.39	15.99+- 0.48	21.41+- 0.86
144	860126	60.11+- 2.94	6.77+- 0.59	1.59+- 0.33	8.36+- 0.25	< 0.10+- 0.00
144	860201	64.51+- 2.96	10.24+- 0.76	1.92+- 0.35	12.16+- 0.36	4.89+- 0.20
144	860207	39.37+- 2.97	5.46+- 0.52	1.47+- 0.32	6.93+- 0.21	0.16+- 0.01
144	860213	32.98+- 2.92	6.30+- 0.57	1.68+- 0.33	7.98+- 0.24	1.79+- 0.07
144	860219	33.16+- 2.94	5.43+- 0.52	1.44+- 0.32	6.86+- 0.21	1.88+- 0.08
144	860225	122.10+- 3.03	16.23+- 1.06	5.16+- 0.51	21.39+- 0.64	6.89+- 0.28
144	860303	125.46+- 3.09	11.73+- 0.84	3.80+- 0.44	15.52+- 0.47	15.20+- 0.61
144	860309	31.36+- 2.90	3.71+- 0.43	< 0.31+- 0.26	< 4.02+- 0.12	1.02+- 0.04
144	860315	21.86+- 2.90	4.70+- 0.48	1.04+- 0.30	5.73+- 0.17	0.80+- 0.03
144	860321	61.87+- 2.91	10.57+- 0.78	3.73+- 0.43	14.30+- 0.43	1.03+- 0.04
144	860327	118.52+- 3.02	16.99+- 1.10	5.02+- 0.50	22.01+- 0.66	5.59+- 0.22
144	860402	43.26+- 2.92	5.70+- 0.53	0.93+- 0.30	6.63+- 0.20	2.95+- 0.12
144	860408	36.66+- 2.91	6.30+- 0.56	1.58+- 0.33	7.88+- 0.24	2.75+- 0.11
144	860414	58.60+- 2.93	9.72+- 0.73	2.06+- 0.35	11.78+- 0.35	4.75+- 0.19
144	860420	74.20+- 2.95	11.07+- 0.80	1.52+- 0.32	12.59+- 0.38	1.22+- 0.05
144	860426	82.79+- 2.98	8.63+- 0.68	1.22+- 0.31	9.85+- 0.30	7.66+- 0.31
144	860502	104.53+- 2.97	13.07+- 0.90	3.03+- 0.40	16.10+- 0.48	6.09+- 0.24
144	860508	79.41+- 2.96	11.04+- 0.80	2.89+- 0.39	13.93+- 0.42	2.67+- 0.11
144	860514	89.78+- 2.96	8.47+- 0.67	1.06+- 0.30	9.53+- 0.29	10.20+- 0.41
144	860520	87.80+- 2.97	11.50+- 0.82	1.65+- 0.33	13.15+- 0.39	5.29+- 0.21
144	860526	99.28+- 2.99	12.31+- 0.86	1.17+- 0.31	13.49+- 0.40	7.61+- 0.30
144	860601	90.97+- 3.00	9.29+- 0.72	0.78+- 0.29	10.07+- 0.30	11.26+- 0.45
144	860607	86.03+- 2.94	9.40+- 0.72	1.17+- 0.31	10.57+- 0.32	9.57+- 0.38
144	860613	113.82+- 3.03	14.70+- 0.98	2.47+- 0.37	17.17+- 0.52	8.00+- 0.32
144	860619	119.30+- 3.02	14.36+- 0.97	2.66+- 0.38	17.03+- 0.51	7.16+- 0.29
144	860625	113.05+- 3.03	14.99+- 1.00	1.91+- 0.35	16.90+- 0.51	10.99+- 0.44

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	MASS	OC	EC	TC	NH4+
144	860701	70.81+- 2.93	10.80+- 0.79	2.61+- 0.38	13.41+- 0.40	1.42+- 0.06
144	860707	73.45+- 2.97	10.80+- 0.79	2.02+- 0.35	12.82+- 0.38	3.02+- 0.12
144	860713	59.24+- 2.94	10.86+- 0.79	1.17+- 0.31	12.03+- 0.36	2.13+- 0.09
144	860719	88.40+- 2.98	11.67+- 0.83	3.03+- 0.40	14.70+- 0.44	2.39+- 0.10
144	860725	59.55+- 2.94	9.20+- 0.71	2.35+- 0.37	11.55+- 0.35	3.23+- 0.13
144	860731	142.81+- 3.09	17.22+- 1.11	5.48+- 0.52	22.70+- 0.68	9.59+- 0.38
144	860806	87.53+- 2.98	10.64+- 0.78	2.71+- 0.38	13.35+- 0.40	6.53+- 0.26
144	860812	99.42+- 3.00	12.30+- 0.86	3.54+- 0.43	15.84+- 0.48	6.24+- 0.25
144	860818	75.74+- 2.93	12.58+- 0.88	3.38+- 0.42	15.96+- 0.48	1.60+- 0.06
144	860824	116.35+- 3.02	13.74+- 0.94	1.98+- 0.35	15.72+- 0.47	7.73+- 0.31
144	860830	100.12+- 2.99	13.62+- 0.93	3.15+- 0.41	16.77+- 0.50	3.86+- 0.15
144	860905	163.02+- 3.14	18.63+- 1.18	5.67+- 0.53	24.30+- 0.73	11.91+- 0.48
144	860911	107.18+- 3.01	12.98+- 0.90	2.99+- 0.40	15.97+- 0.48	7.67+- 0.31
144	860917	95.21+- 2.99	13.18+- 0.91	3.87+- 0.44	17.06+- 0.51	1.76+- 0.07
144	860923	39.47+- 2.93	5.25+- 0.51	1.30+- 0.31	6.55+- 0.20	1.84+- 0.07
144	860929	71.19+- 2.94	9.51+- 0.72	3.12+- 0.41	12.63+- 0.38	5.63+- 0.23
144	861005	44.01+- 2.91	6.79+- 0.59	1.59+- 0.33	8.38+- 0.25	1.53+- 0.06
144	861011	45.75+- 2.92	4.36+- 0.47	0.75+- 0.29	5.11+- 0.15	6.63+- 0.27
144	861017	83.62+- 2.95	8.79+- 0.69	1.72+- 0.34	10.51+- 0.32	9.68+- 0.39
144	861023	138.96+- 3.07	16.02+- 1.05	4.68+- 0.48	20.70+- 0.62	11.01+- 0.44
144	861029	298.72+- 3.64	29.53+- 1.73	8.31+- 0.67	37.85+- 1.14	39.07+- 1.56
144	861104	97.31+- 2.96	14.14+- 0.96	5.03+- 0.50	19.18+- 0.58	2.63+- 0.11
144	861110	70.99+- 2.93	7.67+- 0.63	2.22+- 0.36	9.89+- 0.30	0.24+- 0.01
144	861116	224.68+- 3.32	13.13+- 0.91	3.91+- 0.44	17.04+- 0.51	3.12+- 0.12
144	861122	13.86+- 2.92	3.02+- 0.40	0.51+- 0.28	3.53+- 0.11	0.39+- 0.02
144	861128	68.95+- 2.92	12.58+- 0.88	4.40+- 0.47	16.99+- 0.51	2.82+- 0.11
144	861204	162.50+- 3.14	24.69+- 1.48	9.29+- 0.71	33.98+- 1.02	4.22+- 0.17
144	861210	26.92+- 2.91	4.14+- 0.46	1.47+- 0.32	5.62+- 0.17	0.29+- 0.01
144	861216	52.33+- 2.92	8.87+- 0.69	3.53+- 0.43	12.40+- 0.37	1.44+- 0.06
144	861222	59.15+- 2.94	10.68+- 0.78	4.59+- 0.48	15.27+- 0.46	2.13+- 0.09
144	861228	51.29+- 2.94	8.17+- 0.66	2.42+- 0.37	10.60+- 0.32	1.93+- 0.08

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	CL-	NO3-	SO4=	NA+
144	850805	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
144	850811	1.86+- 0.22	12.65+- 0.75	7.99+- 0.38	1.81+- 0.14
144	850817	0.36+- 0.04	16.73+- 0.99	8.66+- 0.42	0.69+- 0.07
144	850823	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
144	850829	0.41+- 0.05	11.83+- 0.71	6.73+- 0.32	0.99+- 0.09
144	850904	2.17+- 0.26	5.81+- 0.35	3.66+- 0.18	1.61+- 0.13
144	850910	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
144	850916	1.92+- 0.23	14.41+- 0.86	4.90+- 0.24	2.47+- 0.19
144	850922	0.49+- 0.06	8.75+- 0.52	3.14+- 0.15	0.38+- 0.04
144	850928	0.94+- 0.11	7.42+- 0.45	4.15+- 0.20	0.77+- 0.07
144	851004	1.30+- 0.16	17.75+- 1.05	5.45+- 0.26	0.37+- 0.04
144	851010	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
144	851016	0.96+- 0.11	6.43+- 0.39	3.20+- 0.15	0.39+- 0.04
144	851022	0.63+- 0.07	11.31+- 0.67	2.30+- 0.11	< 0.26+- 0.04
144	851028	2.61+- 0.31	64.42+- 3.81	15.55+- 0.75	0.65+- 0.06
144	851103	0.24+- 0.03	33.25+- 1.97	4.86+- 0.23	0.59+- 0.06
144	851109	3.22+- 0.38	4.58+- 0.28	2.85+- 0.14	2.59+- 0.19
144	851115	0.73+- 0.09	7.01+- 0.42	1.67+- 0.08	0.31+- 0.04
144	851121	0.81+- 0.10	26.14+- 1.55	3.37+- 0.16	1.09+- 0.09
144	851127	1.08+- 0.13	26.48+- 1.57	7.83+- 0.38	0.62+- 0.06
144	851203	0.55+- 0.07	4.60+- 0.28	2.17+- 0.10	0.28+- 0.04
144	851209	0.73+- 0.09	3.07+- 0.19	1.52+- 0.07	0.40+- 0.05
144	851215	0.31+- 0.04	2.70+- 0.17	1.05+- 0.05	0.25+- 0.04
144	851221	1.23+- 0.15	9.29+- 0.56	1.57+- 0.08	0.34+- 0.04
144	851227	1.05+- 0.13	47.97+- 2.84	4.55+- 0.22	0.45+- 0.05

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
144	860102	1.21+- 0.21	63.94+- 2.69	12.46+- 0.60	0.32+- 0.03	0.20+- 0.02
144	860108	1.05+- 0.18	1.25+- 0.05	1.23+- 0.06	0.17+- 0.02	0.08+- 0.01
144	860114	0.88+- 0.16	3.87+- 0.16	2.37+- 0.11	1.00+- 0.07	0.20+- 0.02
144	860120	1.07+- 0.19	60.14+- 2.53	11.14+- 0.53	0.36+- 0.03	0.14+- 0.01
144	860126	0.45+- 0.08	1.19+- 0.05	1.20+- 0.06	0.21+- 0.02	0.22+- 0.02
144	860201	1.13+- 0.20	14.02+- 0.59	2.85+- 0.14	0.57+- 0.04	0.14+- 0.01
144	860207	0.59+- 0.11	2.42+- 0.10	1.09+- 0.05	0.51+- 0.04	0.18+- 0.02
144	860213	0.29+- 0.06	5.65+- 0.24	1.37+- 0.07	0.22+- 0.02	0.05+- 0.00
144	860219	1.77+- 0.30	4.16+- 0.17	2.11+- 0.10	0.95+- 0.07	0.14+- 0.01
144	860225	0.39+- 0.07	28.60+- 1.20	2.04+- 0.10	0.25+- 0.02	0.25+- 0.02
144	860303	0.76+- 0.13	42.39+- 1.78	7.03+- 0.34	0.43+- 0.03	0.16+- 0.01
144	860309	2.68+- 0.46	3.95+- 0.17	2.01+- 0.10	1.96+- 0.14	0.25+- 0.02
144	860315	0.83+- 0.15	3.45+- 0.14	1.23+- 0.06	0.97+- 0.07	0.14+- 0.01
144	860321	0.23+- 0.05	7.77+- 0.33	1.32+- 0.06	0.13+- 0.01	0.18+- 0.02
144	860327	0.12+- 0.03	23.17+- 0.97	6.11+- 0.29	0.30+- 0.02	0.29+- 0.02
144	860402	1.38+- 0.24	8.63+- 0.36	4.52+- 0.22	1.79+- 0.12	0.28+- 0.02
144	860408	0.67+- 0.12	9.09+- 0.38	2.72+- 0.13	0.72+- 0.05	0.12+- 0.01
144	860414	0.55+- 0.10	16.92+- 0.71	3.58+- 0.17	0.91+- 0.07	0.24+- 0.02
144	860420	0.16+- 0.03	8.39+- 0.35	2.05+- 0.10	0.21+- 0.02	0.24+- 0.02
144	860426	0.67+- 0.12	23.88+- 1.00	7.97+- 0.38	2.11+- 0.15	0.39+- 0.03
144	860502	0.28+- 0.05	23.62+- 0.99	6.21+- 0.30	1.28+- 0.09	0.40+- 0.03
144	860508	0.67+- 0.12	14.04+- 0.59	3.11+- 0.15	1.16+- 0.08	0.34+- 0.03
144	860514	1.23+- 0.21	24.46+- 1.03	8.12+- 0.39	2.20+- 0.15	0.35+- 0.03
144	860520	0.86+- 0.15	14.32+- 0.60	6.00+- 0.29	1.93+- 0.13	0.50+- 0.04
144	860526	0.42+- 0.08	23.38+- 0.98	6.88+- 0.33	1.79+- 0.12	0.52+- 0.04
144	860601	0.60+- 0.11	27.85+- 1.17	9.33+- 0.45	1.15+- 0.08	0.30+- 0.03
144	860607	0.46+- 0.08	25.72+- 1.08	8.23+- 0.40	1.19+- 0.08	0.26+- 0.02
144	860613	0.42+- 0.08	24.43+- 1.03	7.37+- 0.35	1.64+- 0.11	0.43+- 0.04
144	860619	0.16+- 0.03	22.81+- 0.96	6.71+- 0.32	1.08+- 0.08	0.40+- 0.03
144	860625	1.20+- 0.21	28.44+- 1.19	10.60+- 0.51	0.76+- 0.06	0.37+- 0.03

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
144	860701	< 0.06+- 0.02	5.76+- 0.24	3.47+- 0.17	0.82+- 0.06	0.32+- 0.03
144	860707	0.15+- 0.03	11.14+- 0.47	3.98+- 0.19	1.12+- 0.08	0.30+- 0.03
144	860713	0.07+- 0.02	5.04+- 0.21	4.64+- 0.22	0.52+- 0.04	0.24+- 0.02
144	860719	0.11+- 0.02	10.70+- 0.45	3.86+- 0.19	1.04+- 0.07	0.33+- 0.03
144	860725	0.23+- 0.05	10.07+- 0.42	4.20+- 0.20	0.82+- 0.06	0.24+- 0.02
144	860731	0.09+- 0.02	27.15+- 1.14	12.80+- 0.61	0.97+- 0.07	0.44+- 0.04
144	860806	0.16+- 0.03	17.86+- 0.75	8.06+- 0.39	1.13+- 0.08	0.34+- 0.03
144	860812	0.11+- 0.03	15.05+- 0.63	9.12+- 0.44	0.76+- 0.06	0.33+- 0.03
144	860818	0.13+- 0.03	5.49+- 0.23	4.52+- 0.22	0.72+- 0.05	0.32+- 0.03
144	860824	0.39+- 0.07	23.95+- 1.01	10.18+- 0.49	2.10+- 0.15	0.56+- 0.05
144	860830	0.26+- 0.05	15.28+- 0.64	5.69+- 0.27	1.23+- 0.09	0.43+- 0.04
144	860905	0.34+- 0.06	34.67+- 1.46	13.74+- 0.66	1.01+- 0.07	0.46+- 0.04
144	860911	0.66+- 0.12	24.98+- 1.05	7.37+- 0.35	2.02+- 0.14	0.46+- 0.04
144	860917	0.35+- 0.07	11.50+- 0.48	3.05+- 0.15	0.63+- 0.05	0.31+- 0.03
144	860923	0.86+- 0.15	6.13+- 0.26	2.73+- 0.13	1.42+- 0.10	0.24+- 0.02
144	860929	0.23+- 0.05	19.13+- 0.80	3.71+- 0.18	0.63+- 0.05	0.19+- 0.02
144	861005	0.09+- 0.02	5.57+- 0.23	1.72+- 0.08	0.20+- 0.02	0.14+- 0.01
144	861011	0.58+- 0.10	15.60+- 0.66	6.52+- 0.31	0.69+- 0.05	0.10+- 0.01
144	861017	0.27+- 0.05	27.45+- 1.15	7.32+- 0.35	0.77+- 0.06	0.17+- 0.01
144	861023	0.58+- 0.11	39.53+- 1.66	8.21+- 0.39	0.86+- 0.06	0.29+- 0.02
144	861029	0.48+- 0.09	85.56+- 3.59	19.80+- 0.95	0.87+- 0.06	0.36+- 0.03
144	861104	0.36+- 0.07	14.73+- 0.62	3.16+- 0.15	0.61+- 0.04	0.29+- 0.02
144	861110	0.15+- 0.03	0.90+- 0.04	0.94+- 0.05	0.19+- 0.02	0.20+- 0.02
144	861116	0.19+- 0.04	16.01+- 0.67	2.11+- 0.10	0.32+- 0.03	0.22+- 0.02
144	861122	< 0.06+- 0.02	0.70+- 0.03	0.75+- 0.04	0.14+- 0.01	0.04+- 0.00
144	861128	0.16+- 0.03	11.98+- 0.50	1.41+- 0.07	0.21+- 0.02	0.18+- 0.02
144	861204	1.38+- 0.24	23.63+- 0.99	2.56+- 0.12	0.38+- 0.03	0.44+- 0.04
144	861210	0.09+- 0.02	0.56+- 0.02	0.78+- 0.04	0.23+- 0.02	0.06+- 0.01
144	861216	0.24+- 0.05	3.97+- 0.17	3.09+- 0.15	0.21+- 0.02	0.16+- 0.01
144	861222	0.42+- 0.08	6.83+- 0.29	2.38+- 0.11	0.20+- 0.02	0.19+- 0.02
144	861228	0.18+- 0.04	6.83+- 0.29	1.08+- 0.05	0.22+- 0.02	0.13+- 0.01

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	AL	SI	P	S	CL	K
144	850805	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850811	1.9502+0.2369	4.7591+0.6168	0.3338+0.0673	3.2602+0.1725	1.7340+0.0923	2.7435+0.1402
144	850817	1.4968+0.1820	3.7617+0.4877	0.3194+0.0643	2.8104+0.1500	0.2890+0.0204	0.8793+0.0466
144	850823	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850829	5.5637+0.6727	13.2735+1.7191	0.4174+0.0849	2.8027+0.1506	0.4437+0.0284	2.0817+0.1084
144	850904	1.0324+0.1260	2.2359+0.2902	0.1620+0.0329	1.5827+0.0881	2.1916+0.1152	0.4965+0.0275
144	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850916	1.8851+0.2288	4.8981+0.6348	0.2961+0.0596	2.1209+0.1152	1.7754+0.0942	1.0635+0.0559
144	850922	2.6746+0.3241	7.0757+0.9167	0.3187+0.0650	1.5110+0.0865	0.4222+0.0273	1.2715+0.0676
144	850928	1.3159+0.1603	3.1403+0.4072	0.2097+0.0425	1.5938+0.0896	0.5848+0.0349	0.7018+0.0378
144	851004	5.2003+0.6288	12.5895+1.6306	0.4458+0.0902	2.3321+0.1283	0.7491+0.0436	2.0895+0.1085
144	851010	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	851016	3.4962+0.4232	8.5140+1.1029	0.2965+0.0606	1.5329+0.0866	0.8907+0.0499	1.4674+0.0774
144	851022	1.0201+0.1245	2.2775+0.2955	0.1476+0.0299	0.9386+0.0564	0.4666+0.0285	0.4617+0.0257
144	851028	2.6074+0.3160	4.1758+0.5413	0.3127+0.0630	4.8596+0.2545	0.6527+0.0393	0.7923+0.0424
144	851103	3.5190+0.4260	8.3707+1.0844	0.3469+0.0702	2.0284+0.1122	0.3936+0.0256	1.4794+0.0775
144	851109	1.3045+0.1717	2.8565+0.3971	0.1193+0.0248	1.3899+0.1052	3.6403+0.2618	0.6526+0.0481
144	851115	1.9749+0.2592	4.9502+0.6875	0.0877+0.0197	0.9172+0.0745	0.7751+0.0587	0.7034+0.0535
144	851121	2.5027+0.3283	5.3604+0.7448	0.1356+0.0287	1.6137+0.1231	1.3031+0.0963	0.8009+0.0594
144	851127	0.5108+0.0683	1.0103+0.1409	0.0989+0.0207	3.0229+0.2211	0.8222+0.0624	0.2127+0.0170
144	851203	0.9393+0.1242	2.2161+0.3085	0.0703+0.0152	1.2096+0.0940	0.7569+0.0576	0.3565+0.0279
144	851209	1.4519+0.1909	3.8365+0.5331	0.0591+0.0129	0.7705+0.0626	0.4016+0.0325	0.5940+0.0443
144	851215	1.3773+0.1816	3.7911+0.5277	0.0638+0.0146	0.6336+0.0532	0.4795+0.0380	0.5855+0.0451
144	851221	3.3718+0.4424	7.6550+1.0645	0.1367+0.0296	1.0209+0.0840	1.2292+0.0915	1.2166+0.0899
144	851227	3.3431+0.4378	8.4872+1.1781	0.1963+0.0416	2.2017+0.1662	1.5266+0.1121	1.2178+0.0895



PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	AL	SI	P	S	CL	K
144	860102	1.6791+0.2175	3.7645+0.5176	0.1649+0.0345	5.3175+0.3701	1.2237+0.0895	0.6210+0.0460
144	860108	1.8837+0.2434	4.9268+0.6763	0.0994+0.0226	0.8707+0.0731	1.0602+0.0772	0.7420+0.0557
144	860114	1.9429+0.2514	4.9427+0.6793	0.1093+0.0232	1.2798+0.1018	0.9737+0.0719	0.7707+0.0558
144	860120	1.7343+0.2244	3.7565+0.5162	0.1651+0.0342	4.2002+0.2941	0.8634+0.0648	0.6241+0.0451
144	860126	2.3949+0.3093	6.3134+0.8671	0.1041+0.0234	0.9790+0.0797	0.6487+0.0500	1.3464+0.0953
144	860201	0.4779+0.0632	1.2120+0.1672	0.0823+0.0174	1.6283+0.1220	1.1761+0.0854	0.2493+0.0204
144	860207	1.0153+0.1323	3.1217+0.4299	0.0585+0.0130	0.6425+0.0573	0.7346+0.0558	0.4387+0.0337
144	860213	0.3537+0.0470	0.7620+0.1053	0.0456+0.0099	0.7349+0.0616	0.3532+0.0297	0.1609+0.0139
144	860219	0.3825+0.0509	0.6726+0.0931	0.0572+0.0122	1.0295+0.0823	1.7034+0.1208	0.1864+0.0156
144	860225	2.2052+0.2847	5.1429+0.7062	0.1401+0.0295	1.4368+0.1116	0.6317+0.0487	0.7881+0.0568
144	860303	1.4278+0.1854	3.5029+0.4823	0.1397+0.0290	2.8925+0.2076	0.3946+0.0342	0.5352+0.0394
144	860309	0.2512+0.0340	0.4695+0.0646	0.0580+0.0123	1.0023+0.0783	2.6923+0.1866	0.1804+0.0152
144	860315	0.3352+0.0447	0.6927+0.0957	0.0347+0.0076	0.6138+0.0540	1.0273+0.0747	0.1635+0.0140
144	860321	1.9194+0.2479	4.7390+0.6504	0.0949+0.0202	0.7668+0.0674	0.3706+0.0313	0.5907+0.0435
144	860327	2.8020+0.3616	7.4611+1.0245	0.1699+0.0358	2.7007+0.1937	0.3767+0.0327	1.1338+0.0804
144	860402	1.3328+0.1753	3.4485+0.4801	0.1001+0.0211	1.8816+0.1443	1.4298+0.1071	0.5847+0.0445
144	860408	0.5843+0.0778	1.5094+0.2104	0.0570+0.0124	1.2136+0.0980	0.7765+0.0608	0.2643+0.0220
144	860414	1.0575+0.1392	2.6654+0.3711	0.0826+0.0175	1.4902+0.1167	0.3933+0.0338	0.4346+0.0337
144	860420	2.2286+0.2920	5.5833+0.7767	0.1358+0.0287	1.1062+0.0911	0.3388+0.0301	0.9756+0.0725
144	860426	1.8876+0.2478	4.9783+0.6931	0.1858+0.0387	3.2317+0.2395	0.7867+0.0620	0.8990+0.0668
144	860502	2.8745+0.3757	7.3737+1.0242	0.2235+0.0465	2.7836+0.2075	0.5983+0.0485	1.2885+0.0940
144	860508	2.3916+0.3135	6.3082+0.8777	0.1754+0.0369	1.5950+0.1256	0.9510+0.0734	1.1218+0.0830
144	860514	1.4731+0.1927	3.7618+0.5214	0.1955+0.0406	3.6237+0.2631	1.3004+0.0966	0.8077+0.0592
144	860520	2.5873+0.3377	6.8921+0.9556	0.3529+0.0730	3.0719+0.2255	0.9671+0.0737	1.7487+0.1253
144	860526	2.3812+0.3122	6.3519+0.8838	0.3735+0.0773	3.2311+0.2393	0.6311+0.0512	1.7798+0.1291
144	860601	1.6110+0.2111	4.1047+0.5699	0.2568+0.0532	3.9423+0.2873	0.7729+0.0610	1.1557+0.0841
144	860607	1.7056+0.2236	4.3141+0.5997	0.2155+0.0447	3.3481+0.2466	0.6047+0.0492	0.9818+0.0722
144	860613	2.6411+0.3462	6.8907+0.9591	0.3123+0.0648	3.5527+0.2627	0.6799+0.0546	1.4721+0.1075
144	860619	3.0576+0.4000	7.8232+1.0876	0.2937+0.0610	3.4516+0.2547	0.4943+0.0419	1.5646+0.1139
144	860625	2.5256+0.3312	6.5129+0.9068	0.3369+0.0699	4.2605+0.3133	0.3115+0.0302	1.4380+0.1052

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	AL	SI	P	S	CL	K
144	860701	3.0398+0.3975	7.9793+1.1089	0.2524+0.0525	1.8324+0.1403	0.3387+0.0303	1.5615+0.1133
144	860707	2.1784+0.2848	5.4299+0.7537	0.2412+0.0500	1.7608+0.1349	0.3897+0.0337	1.3099+0.0950
144	860713	2.1000+0.2755	5.2262+0.7275	0.2522+0.0523	2.0060+0.1531	0.2634+0.0257	1.2318+0.0903
144	860719	2.8045+0.3674	6.6555+0.9261	0.2866+0.0595	1.9869+0.1523	0.4921+0.0411	1.5263+0.1114
144	860725	1.5551+0.2043	3.8845+0.5408	0.1926+0.0401	1.7012+0.1317	0.4046+0.0350	0.8804+0.0653
144	860731	3.3880+0.4435	8.6852+1.2082	0.4274+0.0885	4.8877+0.3570	0.3357+0.0321	1.9184+0.1391
144	860806	2.3275+0.3064	5.5852+0.7802	0.1112+0.0559	3.3851+0.2536	0.2551+0.0262	1.2373+0.0920
144	860812	2.5827+0.3398	6.5281+0.9116	0.0758+0.0381	3.4809+0.2609	0.2434+0.0258	1.4501+0.1072
144	860818	3.0317+0.3979	7.8366+1.0925	0.0876+0.0440	2.0328+0.1564	0.3756+0.0331	1.6416+0.1204
144	860824	2.9540+0.3883	7.6840+1.0725	0.1421+0.0714	4.0679+0.3020	0.5470+0.0461	2.0205+0.1480
144	860830	3.0177+0.3965	7.5909+1.0592	0.1278+0.0643	2.7130+0.2052	0.6130+0.0502	1.8093+0.1329
144	860905	3.5679+0.4688	9.2202+1.2869	0.0987+0.0496	5.5818+0.4114	0.4872+0.0432	2.0059+0.1473
144	860911	2.5584+0.3366	6.5369+0.9130	0.0648+0.0326	3.2413+0.2446	0.9203+0.0725	1.3700+0.1015
144	860917	3.5469+0.4660	8.9734+1.2526	0.0792+0.0399	1.6374+0.1298	0.6494+0.0525	1.6389+0.1211
144	860923	1.2271+0.1622	3.0255+0.4229	0.0246+0.0246	1.3080+0.1042	0.9882+0.0765	0.6064+0.0464
144	860929	1.1920+0.1574	3.1533+0.4404	0.0222+0.0112	1.7842+0.1396	0.2809+0.0268	0.5598+0.0431
144	861005	1.7029+0.2243	4.1424+0.5783	0.0376+0.0189	0.7961+0.0709	0.2124+0.0222	0.7487+0.0567
144	861011	0.4039+0.0546	0.8494+0.1192	0.0147+0.0148	2.4574+0.1864	0.6112+0.0499	0.1842+0.0162
144	861017	1.5254+0.2010	3.4788+0.4855	0.0260+0.0260	2.7750+0.2093	0.4078+0.0361	0.5953+0.0455
144	861023	2.4738+0.3253	6.3663+0.8884	0.0501+0.0252	3.4181+0.2566	0.8253+0.0655	1.1118+0.0830
144	861029	3.2961+0.4334	8.2873+1.1573	0.0467+0.0234	8.2071+0.6061	0.4318+0.0419	1.3280+0.0987
144	861104	3.3089+0.4342	8.4003+1.1711	0.0370+0.0187	1.7566+0.1395	0.6425+0.0519	1.2967+0.0963
144	861110	5.0460+0.6616	12.2191+1.7036	0.0798+0.0401	0.7229+0.0647	0.3669+0.0321	1.8324+0.1343
144	861116	2.4029+0.3157	6.0712+0.8467	0.0347+0.0174	1.2903+0.1064	0.3942+0.0345	0.9929+0.0746
144	861122	0.8694+0.1154	2.2167+0.3100	0.0099+0.0050	0.4019+0.0415	0.0614+0.0115	0.3140+0.0255
144	861128	2.1738+0.2858	5.7522+0.8024	0.0312+0.0158	0.8539+0.0767	0.4078+0.0354	0.9295+0.0701
144	861204	5.2904+0.6949	13.9165+1.9434	0.0620+0.0312	1.6709+0.1371	1.7255+0.1304	2.4927+0.1835
144	861210	0.9673+0.1281	2.3649+0.3306	0.0105+0.0053	0.4012+0.0427	0.1789+0.0192	0.3698+0.0296
144	861216	1.6844+0.2219	4.2016+0.5867	0.0179+0.0090	1.4827+0.1174	0.4093+0.0354	0.6567+0.0510
144	861222	1.6504+0.2176	4.1963+0.5863	0.0256+0.0129	1.0642+0.0900	0.5693+0.0470	0.6749+0.0523
144	861228	2.3224+0.3058	5.5461+0.7750	0.0186+0.0093	0.7634+0.0684	0.3577+0.0321	0.8723+0.0661

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	CA	TI	V	CR	MN	FE
144	850805	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850811	1.8831+0.0976	0.2043+0.0114	0.0141+0.0026	0.0095+0.0014	0.0421+0.0028	1.9029+0.0976
144	850817	1.4422+0.0743	0.1763+0.0099	0.0127+0.0023	0.0104+0.0014	0.0373+0.0025	1.5513+0.0798
144	850823	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850829	12.6179+0.6367	0.5802+0.0303	0.0340+0.0060	0.0308+0.0027	0.1322+0.0072	5.4609+0.2764
144	850904	1.2342+0.0638	0.0954+0.0058	0.0084+0.0016	0.0058+0.0013	0.0239+0.0019	0.9513+0.0497
144	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850916	1.8122+0.0929	0.2141+0.0118	0.0145+0.0026	0.0105+0.0015	0.0504+0.0031	1.9503+0.1000
144	850922	9.8687+0.4982	0.2777+0.0152	0.0120+0.0032	0.0200+0.0022	0.0761+0.0045	2.6724+0.1363
144	850928	1.1637+0.0604	0.1405+0.0082	0.0099+0.0021	0.0072+0.0015	0.0353+0.0026	1.3452+0.0696
144	851004	11.0531+0.5578	0.5517+0.0288	0.0330+0.0057	0.0315+0.0027	0.1346+0.0073	5.3005+0.2683
144	851010	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	851016	9.8409+0.4968	0.3478+0.0185	0.0234+0.0040	0.0219+0.0019	0.0845+0.0049	3.2916+0.1674
144	851022	0.8704+0.0455	0.1010+0.0062	0.0062+0.0017	0.0067+0.0012	0.0316+0.0022	1.0343+0.0539
144	851028	1.4278+0.0737	0.1828+0.0103	0.0150+0.0024	0.0138+0.0017	0.0531+0.0032	1.6815+0.0865
144	851103	7.5387+0.3810	0.3507+0.0187	0.0222+0.0040	0.0259+0.0022	0.1005+0.0056	3.5252+0.1791
144	851109	1.0709+0.0772	0.1100+0.0086	0.0119+0.0021	0.0052+0.0012	0.0300+0.0028	1.0760+0.0776
144	851115	9.8052+0.6963	0.1904+0.0143	0.0137+0.0028	0.0122+0.0016	0.0606+0.0048	1.7877+0.1279
144	851121	6.5204+0.4643	0.2000+0.0149	0.0174+0.0030	0.0170+0.0019	0.0802+0.0062	1.9586+0.1403
144	851127	0.3353+0.0250	0.0562+0.0048	0.0085+0.0016	0.0056+0.0013	0.0224+0.0024	0.4085+0.0304
144	851203	3.9388+0.2815	0.0893+0.0071	0.0059+0.0017	0.0082+0.0014	0.0490+0.0040	0.8113+0.0590
144	851209	3.7150+0.2647	0.1704+0.0129	0.0116+0.0025	0.0079+0.0013	0.0463+0.0039	1.5315+0.1099
144	851215	8.0516+0.5760	0.1291+0.0100	0.0099+0.0022	0.0118+0.0015	0.0450+0.0037	1.3889+0.1004
144	851221	11.5489+0.8246	0.2922+0.0216	0.0194+0.0039	0.0211+0.0024	0.1055+0.0080	3.0372+0.2178
144	851227	11.5041+0.8162	0.3167+0.0232	0.0242+0.0042	0.0222+0.0024	0.1281+0.0096	3.3080+0.2355

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	CA	TI	V	CR	MN	FE
144	860102	6.2553+0.4246	0.1479+0.0113	0.0170+0.0030	0.0122+0.0021	0.0639+0.0052	1.4043+0.0966
144	860108	12.1814+0.8203	0.1735+0.0129	0.0092+0.0028	0.0164+0.0021	0.0614+0.0049	1.7016+0.1159
144	860114	6.0288+0.4090	0.2117+0.0155	0.0182+0.0035	0.0125+0.0020	0.0728+0.0057	1.8333+0.1255
144	860120	1.9479+0.1332	0.1825+0.0136	0.0175+0.0031	0.0097+0.0016	0.0684+0.0053	1.4614+0.1002
144	860126	12.0939+0.8172	0.2371+0.0172	0.0169+0.0037	0.0194+0.0024	0.0686+0.0054	2.2268+0.1518
144	860201	2.6526+0.1813	0.0455+0.0043	0.0038+0.0015	0.0059+0.0013	0.0335+0.0031	0.4611+0.0328
144	860207	5.0479+0.3448	0.1013+0.0081	0.0074+0.0022	0.0085+0.0015	0.0366+0.0033	0.9477+0.0660
144	860213	1.2839+0.0885	0.0354+0.0036	0.0047+0.0013	0.0027+0.0009	0.0207+0.0022	0.3244+0.0234
144	860219	0.2703+0.0203	0.0505+0.0046	0.0068+0.0017	0.0031+0.0012	0.0203+0.0023	0.3704+0.0266
144	860225	6.5832+0.4449	0.2248+0.0163	0.0179+0.0035	0.0200+0.0022	0.0799+0.0061	1.9892+0.1355
144	860303	1.6772+0.1158	0.1658+0.0126	0.0149+0.0031	0.0112+0.0019	0.0664+0.0053	1.4395+0.0994
144	860309	0.9953+0.0688	0.0162+0.0022	0.0030+0.0012	0.0020+0.0011	0.0146+0.0019	0.1557+0.0120
144	860315	0.6268+0.0441	0.0274+0.0030	0.0041+0.0013	0.0034+0.0012	0.0137+0.0017	0.2673+0.0195
144	860321	5.4650+0.3688	0.2172+0.0159	0.0171+0.0035	0.0105+0.0017	0.0676+0.0053	1.8594+0.1265
144	860327	8.7461+0.5912	0.2815+0.0203	0.0195+0.0041	0.0177+0.0021	0.1027+0.0076	2.7435+0.1866
144	860402	1.2401+0.0899	0.1435+0.0115	0.0128+0.0029	0.0084+0.0017	0.0461+0.0041	1.2611+0.0910
144	860408	1.7316+0.1245	0.0703+0.0063	0.0083+0.0021	0.0065+0.0016	0.0217+0.0026	0.6102+0.0447
144	860414	2.1368+0.1533	0.1089+0.0089	0.0105+0.0023	0.0051+0.0012	0.0412+0.0037	1.0011+0.0725
144	860420	6.1106+0.4352	0.2218+0.0169	0.0153+0.0035	0.0156+0.0019	0.0611+0.0050	2.0519+0.1471
144	860426	2.3297+0.1675	0.1918+0.0149	0.0141+0.0031	0.0111+0.0017	0.0542+0.0046	1.8000+0.1295
144	860502	4.9923+0.3540	0.3108+0.0232	0.0200+0.0044	0.0234+0.0025	0.0956+0.0074	2.8597+0.2034
144	860508	6.6435+0.4735	0.2388+0.0182	0.0191+0.0039	0.0130+0.0021	0.0735+0.0061	2.2330+0.1602
144	860514	1.4401+0.1024	0.1718+0.0132	0.0087+0.0028	0.0120+0.0018	0.0469+0.0041	1.5871+0.1124
144	860520	3.1222+0.2206	0.2987+0.0221	0.0205+0.0043	0.0172+0.0022	0.0931+0.0072	2.7096+0.1915
144	860526	3.0599+0.2192	0.2691+0.0203	0.0216+0.0041	0.0135+0.0020	0.0695+0.0057	2.3396+0.1678
144	860601	1.8342+0.1309	0.1815+0.0141	0.0160+0.0033	0.0118+0.0020	0.0496+0.0044	1.6379+0.1167
144	860607	1.6267+0.1168	0.1800+0.0139	0.0167+0.0032	0.0130+0.0020	0.0547+0.0047	1.6102+0.1153
144	860613	3.9475+0.2825	0.2716+0.0205	0.0207+0.0041	0.0176+0.0022	0.0842+0.0067	2.5968+0.1863
144	860619	6.0379+0.4294	0.3271+0.0244	0.0230+0.0047	0.0191+0.0024	0.0923+0.0073	2.9355+0.2096
144	860625	2.9659+0.2131	0.2686+0.0203	0.0222+0.0042	0.0166+0.0022	0.0833+0.0067	2.4997+0.1796

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	CA	TI	V	CR	MN	FE
144	860701	4.0047+0.2850	0.3475+0.0258	0.0213+0.0048	0.0187+0.0023	0.0766+0.0061	2.7273+0.1945
144	860707	2.5050+0.1781	0.2636+0.0198	0.0217+0.0040	0.0116+0.0017	0.0637+0.0052	2.1146+0.1504
144	860713	2.0910+0.1505	0.2258+0.0173	0.0162+0.0036	0.0101+0.0017	0.0559+0.0048	2.0108+0.1445
144	860719	5.1031+0.3643	0.2909+0.0218	0.0252+0.0044	0.0155+0.0020	0.0739+0.0060	2.6112+0.1872
144	860725	1.9056+0.1372	0.1842+0.0143	0.0088+0.0030	0.0099+0.0017	0.0500+0.0043	1.5947+0.1148
144	860731	5.2609+0.3755	0.3748+0.0278	0.0264+0.0052	0.0256+0.0028	0.1072+0.0083	3.4233+0.2449
144	860806	2.7786+0.2020	0.2396+0.0184	0.0194+0.0039	0.0155+0.0022	0.0621+0.0052	2.0943+0.1524
144	860812	2.9373+0.2133	0.2806+0.0214	0.0276+0.0046	0.0188+0.0024	0.0738+0.0061	2.6767+0.1944
144	860818	4.4191+0.3182	0.3305+0.0249	0.0271+0.0048	0.0196+0.0023	0.0835+0.0067	2.9666+0.2140
144	860824	3.7979+0.2750	0.3493+0.0263	0.0293+0.0051	0.0203+0.0025	0.0793+0.0065	3.0764+0.2229
144	860830	5.4186+0.3909	0.3153+0.0238	0.0248+0.0046	0.0176+0.0023	0.0885+0.0070	3.0881+0.2235
144	860905	7.3664+0.5316	0.3971+0.0298	0.0340+0.0058	0.0239+0.0029	0.1008+0.0080	3.4343+0.2487
144	860911	2.6303+0.1919	0.2715+0.0207	0.0196+0.0040	0.0169+0.0022	0.0871+0.0070	2.6113+0.1895
144	860917	7.4540+0.5381	0.3622+0.0273	0.0310+0.0053	0.0229+0.0025	0.1047+0.0082	3.4514+0.2500
144	860923	1.1746+0.0864	0.1155+0.0095	0.0096+0.0024	0.0061+0.0013	0.0397+0.0036	1.1633+0.0852
144	860929	2.3534+0.1708	0.1187+0.0098	0.0143+0.0027	0.0085+0.0016	0.0509+0.0044	1.3067+0.0953
144	861005	2.6235+0.1902	0.1722+0.0136	0.0137+0.0031	0.0103+0.0018	0.0483+0.0043	1.7041+0.1239
144	861011	0.3011+0.0235	0.0438+0.0045	0.0060+0.0018	0.0034+0.0013	0.0126+0.0020	0.3291+0.0251
144	861017	1.1260+0.0825	0.2229+0.0172	0.0115+0.0034	0.0127+0.0020	0.0375+0.0036	1.3507+0.0983
144	861023	5.9597+0.4296	0.2708+0.0206	0.0204+0.0041	0.0193+0.0023	0.0820+0.0067	2.5063+0.1816
144	861029	5.0911+0.3686	0.3891+0.0292	0.0323+0.0057	0.0307+0.0032	0.1157+0.0091	3.3439+0.2426
144	861104	8.2457+0.5919	0.3293+0.0247	0.0293+0.0049	0.0219+0.0025	0.1130+0.0088	3.3321+0.2402
144	861110	6.7119+0.4827	0.4859+0.0360	0.0378+0.0066	0.0248+0.0028	0.1292+0.0099	4.7282+0.3407
144	861116	7.0432+0.5063	0.2355+0.0181	0.0158+0.0036	0.0170+0.0021	0.0951+0.0075	2.4363+0.1761
144	861122	0.6190+0.0464	0.0784+0.0069	0.0051+0.0019	0.0054+0.0014	0.0193+0.0023	0.7191+0.0532
144	861128	6.6189+0.4776	0.2235+0.0172	0.0177+0.0035	0.0142+0.0019	0.0799+0.0064	2.1936+0.1586
144	861204	13.4257+0.9726	0.5418+0.0403	0.0421+0.0072	0.0284+0.0031	0.1854+0.0140	5.7070+0.4130
144	861210	1.7423+0.1275	0.0973+0.0082	0.0066+0.0021	0.0050+0.0013	0.0256+0.0027	0.9360+0.0687
144	861216	6.2757+0.4541	0.1507+0.0120	0.0093+0.0026	0.0102+0.0016	0.0480+0.0042	1.6079+0.1169
144	861222	5.8797+0.4266	0.1618+0.0128	0.0108+0.0028	0.0124+0.0019	0.0611+0.0052	1.7194+0.1253
144	861228	3.8062+0.2772	0.2253+0.0174	0.0174+0.0036	0.0109+0.0019	0.0616+0.0052	2.2128+0.1610

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	NI	CU	ZN	GA	AS	SE
144	850805	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850811	0.0105+0.0015	0.1785+0.0100	0.1655+0.0093	0.0008+0.0010	0.0003+0.0070	0.0027+0.0010
144	850817	0.0081+0.0014	0.1469+0.0083	0.1342+0.0078	0.0009+0.0011	0.0068+0.0079	0.0029+0.0010
144	850823	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850829	0.0184+0.0020	0.0740+0.0047	0.1434+0.0081	0.0072+0.0018	0.0095+0.0128	0.0049+0.0014
144	850904	0.0068+0.0014	0.0687+0.0044	0.0762+0.0048	0.0020+0.0010	0.0005+0.0044	0.0022+0.0010
144	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850916	0.0113+0.0016	0.3562+0.0189	0.2904+0.0156	0.0020+0.0013	0.0000+0.0072	0.0031+0.0010
144	850922	0.0094+0.0019	0.2298+0.0126	0.2126+0.0118	0.0005+0.0015	0.0000+0.0106	0.0023+0.0015
144	850928	0.0073+0.0017	0.0894+0.0057	0.0969+0.0059	0.0013+0.0013	0.0000+0.0066	0.0031+0.0014
144	851004	0.0132+0.0019	0.2494+0.0135	0.2722+0.0147	0.0037+0.0019	0.0000+0.0168	0.0032+0.0014
144	851010	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	851016	0.0068+0.0014	0.1004+0.0060	0.1202+0.0070	0.0028+0.0013	0.0003+0.0090	0.0009+0.0010
144	851022	0.0069+0.0014	0.0915+0.0057	0.0893+0.0055	0.0003+0.0010	0.0000+0.0057	0.0021+0.0010
144	851028	0.0317+0.0028	0.4219+0.0222	0.3573+0.0190	0.0019+0.0018	0.0000+0.0167	0.0042+0.0012
144	851103	0.0132+0.0018	0.1093+0.0065	0.1314+0.0077	0.0044+0.0017	0.0064+0.0149	0.0019+0.0010
144	851109	0.0086+0.0015	0.1724+0.0129	0.1227+0.0095	0.0000+0.0008	0.0000+0.0040	0.0001+0.0008
144	851115	0.0043+0.0013	0.0708+0.0058	0.0955+0.0075	0.0008+0.0013	0.0000+0.0106	0.0014+0.0010
144	851121	0.0091+0.0016	0.0860+0.0069	0.1179+0.0091	0.0013+0.0014	0.0005+0.0125	0.0021+0.0011
144	851127	0.0068+0.0015	0.0213+0.0026	0.0517+0.0044	0.0008+0.0011	0.0002+0.0056	0.0020+0.0011
144	851203	0.0042+0.0012	0.0097+0.0017	0.0478+0.0042	0.0008+0.0011	0.0014+0.0076	0.0016+0.0009
144	851209	0.0052+0.0013	0.0212+0.0025	0.0376+0.0035	0.0017+0.0011	0.0048+0.0058	0.0010+0.0009
144	851215	0.0080+0.0015	0.0698+0.0057	0.0705+0.0057	0.0026+0.0011	0.0005+0.0055	0.0013+0.0009
144	851221	0.0185+0.0023	0.1130+0.0089	0.1422+0.0108	0.0014+0.0015	0.0009+0.0139	0.0009+0.0012
144	851227	0.0091+0.0017	0.1632+0.0124	0.2098+0.0156	0.0000+0.0018	0.0000+0.0195	0.0023+0.0013

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	NI	CU	ZN	GA	AS	SE
144	860102	0.0125+0.0021	0.0130+0.0037	0.0642+0.0058	0.0001+0.0015	0.0000+0.0119	0.0008+0.0013
144	860108	0.0052+0.0015	0.0680+0.0060	0.0758+0.0063	0.0015+0.0013	0.0000+0.0077	0.0016+0.0012
144	860114	0.0048+0.0014	0.1503+0.0112	0.1564+0.0116	0.0000+0.0014	0.0000+0.0114	0.0011+0.0011
144	860120	0.0170+0.0021	0.4228+0.0293	0.3388+0.0237	0.0008+0.0015	0.0000+0.0131	0.0018+0.0009
144	860126	0.0050+0.0015	0.1985+0.0144	0.1079+0.0085	0.0019+0.0013	0.0000+0.0078	0.0019+0.0012
144	860201	0.0037+0.0013	0.0809+0.0066	0.0824+0.0066	0.0013+0.0012	0.0000+0.0079	0.0001+0.0009
144	860207	0.0032+0.0012	0.0658+0.0056	0.0647+0.0055	0.0000+0.0010	0.0000+0.0058	0.0002+0.0010
144	860213	0.0049+0.0012	0.1502+0.0110	0.1159+0.0088	0.0000+0.0009	0.0000+0.0063	0.0007+0.0007
144	860219	0.0062+0.0014	0.2875+0.0203	0.2242+0.0161	0.0000+0.0012	0.0000+0.0066	0.0012+0.0009
144	860225	0.0190+0.0022	0.5492+0.0378	0.4382+0.0304	0.0012+0.0016	0.0000+0.0154	0.0019+0.0008
144	860303	0.0093+0.0017	0.1413+0.0106	0.1441+0.0108	0.0005+0.0013	0.0050+0.0089	0.0025+0.0012
144	860309	0.0011+0.0009	0.0425+0.0041	0.0352+0.0035	0.0007+0.0008	0.0000+0.0035	0.0004+0.0008
144	860315	0.0043+0.0012	0.2236+0.0159	0.1621+0.0118	0.0000+0.0009	0.0022+0.0050	0.0011+0.0008
144	860321	0.0060+0.0014	0.0559+0.0050	0.0770+0.0062	0.0015+0.0013	0.0072+0.0100	0.0021+0.0009
144	860327	0.0085+0.0016	0.3316+0.0232	0.2756+0.0196	0.0020+0.0015	0.0034+0.0125	0.0008+0.0011
144	860402	0.0079+0.0017	0.2999+0.0220	0.2400+0.0178	0.0011+0.0013	0.0026+0.0053	0.0022+0.0012
144	860408	0.0039+0.0013	0.2196+0.0163	0.1849+0.0138	0.0011+0.0013	0.0028+0.0072	0.0007+0.0012
144	860414	0.0032+0.0011	0.1431+0.0109	0.1311+0.0101	0.0014+0.0012	0.0018+0.0087	0.0009+0.0008
144	860420	0.0087+0.0015	0.1475+0.0111	0.1305+0.0100	0.0007+0.0012	0.0021+0.0106	0.0000+0.0008
144	860426	0.0073+0.0015	0.1165+0.0090	0.1072+0.0083	0.0005+0.0011	0.0039+0.0062	0.0024+0.0009
144	860502	0.0126+0.0017	0.3121+0.0227	0.2847+0.0208	0.0003+0.0014	0.0000+0.0119	0.0016+0.0010
144	860508	0.0074+0.0017	0.1298+0.0100	0.1273+0.0098	0.0022+0.0014	0.0025+0.0097	0.0015+0.0013
144	860514	0.0107+0.0017	0.4657+0.0332	0.3540+0.0255	0.0003+0.0014	0.0000+0.0079	0.0024+0.0012
144	860520	0.0103+0.0017	0.4106+0.0295	0.3275+0.0238	0.0009+0.0013	0.0029+0.0080	0.0035+0.0012
144	860526	0.0093+0.0016	0.2711+0.0199	0.2252+0.0167	0.0021+0.0013	0.0050+0.0072	0.0033+0.0012
144	860601	0.0105+0.0018	0.5625+0.0403	0.4058+0.0294	0.0019+0.0015	0.0083+0.0073	0.0019+0.0013
144	860607	0.0150+0.0020	0.3723+0.0270	0.2895+0.0213	0.0003+0.0013	0.0000+0.0081	0.0009+0.0012
144	860613	0.0111+0.0016	0.3566+0.0260	0.3050+0.0225	0.0004+0.0013	0.0018+0.0106	0.0038+0.0011
144	860619	0.0092+0.0017	0.2078+0.0155	0.1985+0.0148	0.0028+0.0014	0.0026+0.0092	0.0015+0.0012
144	860625	0.0127+0.0019	0.2995+0.0221	0.2807+0.0207	0.0008+0.0014	0.0000+0.0097	0.0038+0.0012

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	NI	CU	ZN	GA	AS	SE
144	860701	0.0102+0.0016	0.3542+0.0258	0.2804+0.0206	0.0030+0.0013	0.0091+0.0078	0.0030+0.0011
144	860707	0.0122+0.0018	0.5950+0.0426	0.4636+0.0335	0.0021+0.0014	0.0074+0.0078	0.0024+0.0010
144	860713	0.0086+0.0016	0.3249+0.0238	0.2585+0.0192	0.0045+0.0013	0.0055+0.0059	0.0004+0.0011
144	860719	0.0102+0.0016	0.3571+0.0261	0.2995+0.0221	0.0015+0.0013	0.0077+0.0096	0.0019+0.0009
144	860725	0.0090+0.0016	0.5324+0.0385	0.4055+0.0296	0.0029+0.0014	0.0000+0.0072	0.0015+0.0011
144	860731	0.0198+0.0023	0.5746+0.0415	0.4779+0.0348	0.0046+0.0018	0.0000+0.0127	0.0018+0.0011
144	860806	0.0160+0.0022	0.9757+0.0711	0.7406+0.0543	0.0019+0.0018	0.0052+0.0081	0.0068+0.0013
144	860812	0.0205+0.0025	1.1589+0.0841	1.0152+0.0741	0.0015+0.0021	0.0052+0.0105	0.0050+0.0013
144	860818	0.0128+0.0018	0.2974+0.0220	0.2602+0.0194	0.0014+0.0013	0.0000+0.0092	0.0048+0.0011
144	860824	0.0130+0.0019	0.3353+0.0248	0.2516+0.0189	0.0005+0.0012	0.0081+0.0068	0.0034+0.0012
144	860830	0.0109+0.0017	0.3459+0.0256	0.2932+0.0218	0.0005+0.0013	0.0086+0.0092	0.0019+0.0011
144	860905	0.0165+0.0023	0.6588+0.0481	0.5327+0.0392	0.0001+0.0018	0.0118+0.0136	0.0025+0.0013
144	860911	0.0117+0.0019	0.0727+0.0060	0.1169+0.0091	0.0018+0.0013	0.0036+0.0089	0.0038+0.0012
144	860917	0.0123+0.0018	0.3390+0.0251	0.2990+0.0223	0.0014+0.0014	0.0002+0.0117	0.0060+0.0012
144	860923	0.0045+0.0012	0.0878+0.0071	0.0833+0.0067	0.0001+0.0008	0.0000+0.0040	0.0011+0.0009
144	860929	0.0076+0.0015	0.1648+0.0125	0.1575+0.0120	0.0026+0.0014	0.0084+0.0113	0.0026+0.0011
144	861005	0.0050+0.0014	0.2080+0.0157	0.1636+0.0125	0.0013+0.0013	0.0075+0.0073	0.0002+0.0012
144	861011	0.0069+0.0014	0.3532+0.0261	0.2700+0.0202	0.0000+0.0012	0.0025+0.0049	0.0020+0.0011
144	861017	0.0113+0.0018	0.9717+0.0704	0.7635+0.0557	0.0031+0.0019	0.0017+0.0085	0.0017+0.0012
144	861023	0.0162+0.0020	0.8080+0.0587	0.6272+0.0460	0.0032+0.0019	0.0006+0.0148	0.0032+0.0012
144	861029	0.0193+0.0023	0.2729+0.0204	0.3466+0.0258	0.0008+0.0021	0.0004+0.0236	0.0055+0.0014
144	861104	0.0132+0.0019	0.4595+0.0336	0.3892+0.0287	0.0043+0.0018	0.0002+0.0156	0.0022+0.0011
144	861110	0.0072+0.0014	0.1101+0.0086	0.1296+0.0100	0.0022+0.0012	0.0057+0.0069	0.0009+0.0009
144	861116	0.0092+0.0015	0.1895+0.0143	0.1673+0.0127	0.0021+0.0014	0.0048+0.0137	0.0014+0.0009
144	861122	0.0012+0.0011	0.0356+0.0035	0.0369+0.0034	0.0002+0.0009	0.0012+0.0033	0.0000+0.0009
144	861128	0.0045+0.0012	0.1156+0.0091	0.1217+0.0094	0.0017+0.0014	0.0000+0.0127	0.0022+0.0011
144	861204	0.0117+0.0019	0.2996+0.0223	0.3148+0.0234	0.0027+0.0019	0.0000+0.0190	0.0026+0.0012
144	861210	0.0020+0.0012	0.1377+0.0107	0.1042+0.0082	0.0004+0.0011	0.0000+0.0053	0.0007+0.0009
144	861216	0.0057+0.0013	0.2120+0.0160	0.1814+0.0138	0.0015+0.0012	0.0112+0.0066	0.0023+0.0009
144	861222	0.0055+0.0014	0.2192+0.0165	0.1783+0.0136	0.0005+0.0013	0.0019+0.0102	0.0019+0.0011
144	861228	0.0041+0.0014	0.0870+0.0071	0.1007+0.0080	0.0009+0.0012	0.0019+0.0066	0.0005+0.0011



PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	BR	RB	SR	Y	ZR	MO
144	850805	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850811	0.0285+0.0022	0.0068+0.0017	0.0196+0.0022	0.0022+0.0020	0.0049+0.0093	0.0129+0.0069
144	850817	0.0242+0.0020	0.0043+0.0015	0.0152+0.0020	0.0009+0.0020	0.0100+0.0089	0.0023+0.0064
144	850823	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850829	0.0541+0.0036	0.0129+0.0023	0.0495+0.0037	0.0023+0.0028	0.0145+0.0123	0.0000+0.0089
144	850904	0.0138+0.0018	0.0032+0.0016	0.0089+0.0020	0.0010+0.0022	0.0000+0.0104	0.0063+0.0072
144	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850916	0.0302+0.0023	0.0071+0.0018	0.0213+0.0023	0.0031+0.0021	0.0014+0.0097	0.0000+0.0072
144	850922	0.0354+0.0029	0.0087+0.0024	0.0283+0.0033	0.0023+0.0032	0.0000+0.0145	0.0000+0.0110
144	850928	0.0205+0.0022	0.0042+0.0021	0.0167+0.0028	0.0021+0.0030	0.0000+0.0131	0.0000+0.0098
144	851004	0.0613+0.0040	0.0100+0.0024	0.0496+0.0040	0.0069+0.0032	0.0006+0.0140	0.0000+0.0104
144	851010	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	851016	0.0330+0.0026	0.0049+0.0018	0.0327+0.0028	0.0040+0.0023	0.0160+0.0107	0.0000+0.0074
144	851022	0.0202+0.0019	0.0023+0.0015	0.0094+0.0019	0.0003+0.0021	0.0000+0.0098	0.0000+0.0071
144	851028	0.0352+0.0027	0.0044+0.0018	0.0150+0.0023	0.0000+0.0026	0.0000+0.0105	0.0000+0.0077
144	851103	0.0639+0.0040	0.0085+0.0019	0.0302+0.0026	0.0058+0.0023	0.0104+0.0096	0.0000+0.0068
144	851109	0.0166+0.0019	0.0023+0.0016	0.0111+0.0021	0.0000+0.0022	0.0000+0.0101	0.0021+0.0059
144	851115	0.0406+0.0034	0.0013+0.0017	0.0148+0.0023	0.0024+0.0026	0.0000+0.0112	0.0109+0.0066
144	851121	0.0607+0.0048	0.0004+0.0019	0.0144+0.0023	0.0000+0.0025	0.0076+0.0109	0.0082+0.0064
144	851127	0.0199+0.0023	0.0001+0.0018	0.0032+0.0022	0.0027+0.0027	0.0000+0.0119	0.0058+0.0072
144	851203	0.0491+0.0040	0.0019+0.0018	0.0073+0.0020	0.0050+0.0025	0.0000+0.0104	0.0000+0.0064
144	851209	0.0175+0.0020	0.0042+0.0018	0.0134+0.0023	0.0000+0.0024	0.0000+0.0108	0.0017+0.0064
144	851215	0.0152+0.0018	0.0042+0.0015	0.0157+0.0023	0.0024+0.0022	0.0073+0.0099	0.0011+0.0058
144	851221	0.0639+0.0051	0.0062+0.0024	0.0279+0.0034	0.0014+0.0032	0.0000+0.0135	0.0131+0.0081
144	851227	0.1107+0.0084	0.0075+0.0028	0.0296+0.0034	0.0029+0.0033	0.0000+0.0137	0.0000+0.0083

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	BR	RB	SR	Y	ZR	MO
144	860102	0.0685+0.0053	0.0018+0.0025	0.0160+0.0029	0.0000+0.0033	0.0000+0.0144	0.0113+0.0090
144	860108	0.0281+0.0026	0.0033+0.0020	0.0249+0.0030	0.0000+0.0028	0.0000+0.0124	0.0000+0.0079
144	860114	0.0446+0.0037	0.0062+0.0021	0.0192+0.0027	0.0040+0.0029	0.0000+0.0121	0.0000+0.0080
144	860120	0.0596+0.0045	0.0036+0.0019	0.0139+0.0022	0.0000+0.0025	0.0000+0.0100	0.0000+0.0063
144	860126	0.0145+0.0020	0.0074+0.0020	0.0260+0.0030	0.0000+0.0029	0.0000+0.0126	0.0000+0.0080
144	860201	0.0380+0.0032	0.0021+0.0018	0.0081+0.0020	0.0005+0.0025	0.0000+0.0104	0.0000+0.0067
144	860207	0.0212+0.0021	0.0015+0.0017	0.0284+0.0029	0.0020+0.0024	0.0000+0.0105	0.0000+0.0067
144	860213	0.0228+0.0021	0.0012+0.0013	0.0055+0.0017	0.0000+0.0019	0.0042+0.0082	0.0065+0.0051
144	860219	0.0243+0.0024	0.0001+0.0017	0.0039+0.0020	0.0015+0.0025	0.0011+0.0107	0.0020+0.0066
144	860225	0.0505+0.0039	0.0049+0.0016	0.0201+0.0023	0.0035+0.0022	0.0040+0.0085	0.0000+0.0054
144	860303	0.0308+0.0029	0.0045+0.0020	0.0137+0.0025	0.0025+0.0027	0.0000+0.0119	0.0000+0.0075
144	860309	0.0088+0.0013	0.0012+0.0014	0.0054+0.0018	0.0021+0.0021	0.0000+0.0091	0.0074+0.0057
144	860315	0.0140+0.0016	0.0000+0.0014	0.0064+0.0018	0.0000+0.0021	0.0006+0.0093	0.0033+0.0057
144	860321	0.0387+0.0032	0.0035+0.0017	0.0135+0.0022	0.0034+0.0024	0.0055+0.0101	0.0062+0.0062
144	860327	0.0531+0.0042	0.0053+0.0020	0.0233+0.0028	0.0000+0.0026	0.0000+0.0111	0.0063+0.0068
144	860402	0.0196+0.0022	0.0039+0.0021	0.0124+0.0027	0.0000+0.0029	0.0000+0.0128	0.0070+0.0082
144	860408	0.0229+0.0024	0.0005+0.0020	0.0070+0.0024	0.0000+0.0028	0.0000+0.0121	0.0057+0.0077
144	860414	0.0284+0.0025	0.0015+0.0015	0.0082+0.0018	0.0000+0.0021	0.0000+0.0090	0.0000+0.0054
144	860420	0.0384+0.0032	0.0051+0.0017	0.0250+0.0027	0.0000+0.0021	0.0000+0.0091	0.0000+0.0054
144	860426	0.0325+0.0029	0.0036+0.0017	0.0192+0.0024	0.0000+0.0022	0.0044+0.0099	0.0071+0.0062
144	860502	0.0477+0.0039	0.0036+0.0017	0.0309+0.0031	0.0019+0.0024	0.0041+0.0102	0.0068+0.0063
144	860508	0.0437+0.0038	0.0040+0.0022	0.0319+0.0035	0.0019+0.0032	0.0000+0.0134	0.0066+0.0084
144	860514	0.0279+0.0027	0.0003+0.0019	0.0149+0.0025	0.0000+0.0028	0.0000+0.0119	0.0000+0.0074
144	860520	0.0311+0.0028	0.0068+0.0020	0.0328+0.0033	0.0000+0.0027	0.0073+0.0115	0.0000+0.0070
144	860526	0.0338+0.0030	0.0062+0.0020	0.0290+0.0032	0.0000+0.0027	0.0000+0.0116	0.0000+0.0072
144	860601	0.0274+0.0027	0.0008+0.0021	0.0184+0.0030	0.0000+0.0032	0.0000+0.0133	0.0083+0.0085
144	860607	0.0335+0.0031	0.0030+0.0020	0.0139+0.0025	0.0000+0.0028	0.0000+0.0120	0.0048+0.0077
144	860613	0.0427+0.0036	0.0027+0.0017	0.0266+0.0028	0.0000+0.0024	0.0113+0.0099	0.0000+0.0060
144	860619	0.0381+0.0034	0.0070+0.0021	0.0307+0.0034	0.0000+0.0029	0.0000+0.0125	0.0103+0.0078
144	860625	0.0342+0.0030	0.0055+0.0020	0.0286+0.0032	0.0000+0.0027	0.0000+0.0114	0.0091+0.0072

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	BR	RB	SR	Y	ZR	MO
144	860701	0.0234+0.0023	0.0044+0.0016	0.0308+0.0031	0.0007+0.0023	0.0136+0.0100	0.0080+0.0062
144	860707	0.0256+0.0024	0.0041+0.0017	0.0220+0.0026	0.0000+0.0024	0.0111+0.0099	0.0050+0.0061
144	860713	0.0204+0.0022	0.0026+0.0019	0.0202+0.0028	0.0000+0.0027	0.0041+0.0116	0.0000+0.0073
144	860719	0.0365+0.0032	0.0032+0.0017	0.0245+0.0028	0.0000+0.0023	0.0116+0.0100	0.0008+0.0061
144	860725	0.0240+0.0024	0.0040+0.0019	0.0134+0.0024	0.0000+0.0027	0.0194+0.0115	0.0055+0.0072
144	860731	0.0468+0.0039	0.0075+0.0020	0.0354+0.0035	0.0000+0.0027	0.0087+0.0114	0.0000+0.0069
144	860806	0.0239+0.0025	0.0071+0.0020	0.0219+0.0028	0.0000+0.0028	0.0143+0.0120	0.0055+0.0074
144	860812	0.0217+0.0024	0.0077+0.0022	0.0266+0.0032	0.0000+0.0029	0.0000+0.0123	0.0000+0.0080
144	860818	0.0310+0.0028	0.0050+0.0016	0.0299+0.0030	0.0000+0.0022	0.0014+0.0094	0.0014+0.0057
144	860824	0.0293+0.0028	0.0070+0.0020	0.0349+0.0035	0.0000+0.0027	0.0000+0.0116	0.0055+0.0073
144	860830	0.0363+0.0032	0.0083+0.0020	0.0328+0.0034	0.0000+0.0026	0.0000+0.0111	0.0043+0.0069
144	860905	0.0532+0.0045	0.0061+0.0024	0.0312+0.0036	0.0000+0.0033	0.0000+0.0138	0.0102+0.0087
144	860911	0.0474+0.0040	0.0027+0.0020	0.0240+0.0030	0.0000+0.0027	0.0000+0.0115	0.0073+0.0073
144	860917	0.0415+0.0035	0.0067+0.0018	0.0289+0.0029	0.0000+0.0022	0.0104+0.0095	0.0049+0.0059
144	860923	0.0159+0.0018	0.0025+0.0015	0.0100+0.0019	0.0000+0.0021	0.0143+0.0095	0.0000+0.0059
144	860929	0.0496+0.0041	0.0014+0.0018	0.0118+0.0021	0.0000+0.0023	0.0162+0.0100	0.0000+0.0061
144	861005	0.0223+0.0024	0.0032+0.0020	0.0105+0.0025	0.0000+0.0029	0.0000+0.0123	0.0111+0.0080
144	861011	0.0198+0.0021	0.0001+0.0018	0.0030+0.0021	0.0000+0.0026	0.0000+0.0112	0.0044+0.0071
144	861017	0.0300+0.0029	0.0001+0.0020	0.0123+0.0026	0.0000+0.0029	0.0000+0.0127	0.0002+0.0079
144	861023	0.0690+0.0055	0.0028+0.0021	0.0227+0.0028	0.0000+0.0028	0.0000+0.0112	0.0048+0.0070
144	861029	0.1077+0.0083	0.0046+0.0026	0.0273+0.0033	0.0000+0.0033	0.0000+0.0128	0.0021+0.0080
144	861104	0.0632+0.0050	0.0058+0.0019	0.0283+0.0029	0.0000+0.0024	0.0000+0.0103	0.0000+0.0060
144	861110	0.0259+0.0025	0.0115+0.0020	0.0273+0.0029	0.0000+0.0024	0.0111+0.0106	0.0106+0.0067
144	861116	0.0675+0.0053	0.0060+0.0020	0.0181+0.0024	0.0007+0.0024	0.0198+0.0099	0.0021+0.0060
144	861122	0.0069+0.0015	0.0004+0.0018	0.0067+0.0021	0.0000+0.0025	0.0094+0.0111	0.0000+0.0068
144	861128	0.0542+0.0044	0.0015+0.0017	0.0272+0.0029	0.0000+0.0024	0.0058+0.0101	0.0000+0.0064
144	861204	0.0944+0.0073	0.0089+0.0025	0.0453+0.0042	0.0000+0.0032	0.0012+0.0125	0.0055+0.0076
144	861210	0.0274+0.0026	0.0007+0.0018	0.0099+0.0022	0.0000+0.0026	0.0013+0.0106	0.0006+0.0067
144	861216	0.0271+0.0025	0.0008+0.0016	0.0154+0.0022	0.0000+0.0023	0.0013+0.0097	0.0000+0.0060
144	861222	0.0456+0.0039	0.0034+0.0019	0.0109+0.0023	0.0015+0.0027	0.0107+0.0112	0.0080+0.0070
144	861228	0.0330+0.0031	0.0029+0.0020	0.0141+0.0026	0.0007+0.0029	0.0000+0.0121	0.0000+0.0078

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	PD	AG	CD	IN	SN	SB
144	850805	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850811	0.0029+0.0055	0.0037+0.0077	0.0206+0.0111	0.0001+0.0124	0.0081+0.0142	0.0309+0.0252
144	850817	0.0085+0.0055	0.0056+0.0074	0.0003+0.0099	0.0019+0.0119	0.0274+0.0140	0.0000+0.0224
144	850823	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850829	0.0076+0.0076	0.0201+0.0104	0.0218+0.0141	0.0000+0.0160	0.0000+0.0190	0.0570+0.0329
144	850904	0.0056+0.0059	0.0066+0.0082	0.0165+0.0118	0.0094+0.0137	0.0246+0.0156	0.0000+0.0259
144	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850916	0.0039+0.0058	0.0160+0.0084	0.0180+0.0115	0.0000+0.0131	0.0242+0.0152	0.0000+0.0271
144	850922	0.0003+0.0085	0.0041+0.0120	0.0131+0.0169	0.0000+0.0194	0.0000+0.0222	0.0000+0.0383
144	850928	0.0000+0.0077	0.0036+0.0108	0.0139+0.0153	0.0131+0.0183	0.0000+0.0201	0.0349+0.0356
144	851004	0.0090+0.0082	0.0210+0.0118	0.0321+0.0165	0.0000+0.0183	0.0000+0.0210	0.0281+0.0369
144	851010	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	851016	0.0113+0.0064	0.0065+0.0088	0.0153+0.0123	0.0152+0.0138	0.0082+0.0160	0.0102+0.0281
144	851022	0.0082+0.0059	0.0116+0.0085	0.0108+0.0114	0.0000+0.0126	0.0045+0.0150	0.0045+0.0265
144	851028	0.0090+0.0064	0.0075+0.0091	0.0109+0.0123	0.0033+0.0139	0.0224+0.0167	0.0000+0.0288
144	851103	0.0050+0.0055	0.0042+0.0079	0.0163+0.0110	0.0028+0.0120	0.0227+0.0147	0.0179+0.0255
144	851109	0.0028+0.0064	0.0075+0.0085	0.0020+0.0107	0.0239+0.0139	0.0000+0.0163	0.0264+0.0359
144	851115	0.0034+0.0070	0.0065+0.0092	0.0142+0.0121	0.0166+0.0148	0.0000+0.0177	0.0421+0.0396
144	851121	0.0000+0.0062	0.0049+0.0089	0.0000+0.0121	0.0000+0.0138	0.0000+0.0174	0.0030+0.0372
144	851127	0.0036+0.0076	0.0027+0.0099	0.0098+0.0130	0.0000+0.0157	0.0000+0.0195	0.0000+0.0413
144	851203	0.0000+0.0064	0.0028+0.0086	0.0000+0.0109	0.0018+0.0136	0.0059+0.0171	0.0239+0.0368
144	851209	0.0034+0.0069	0.0000+0.0086	0.0000+0.0112	0.0090+0.0143	0.0168+0.0181	0.0279+0.0384
144	851215	0.0002+0.0060	0.0005+0.0079	0.0050+0.0104	0.0079+0.0129	0.0000+0.0156	0.0573+0.0356
144	851221	0.0099+0.0088	0.0000+0.0111	0.0000+0.0142	0.0000+0.0175	0.0040+0.0223	0.0000+0.0467
144	851227	0.0013+0.0085	0.0043+0.0112	0.0116+0.0147	0.0225+0.0183	0.0000+0.0217	0.0492+0.0486

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	PD	AG	CD	IN	SN	SB
144	860102	0.0000+0.0092	0.0084+0.0118	0.0000+0.0152	0.0062+0.0197	0.0000+0.0233	0.0028+0.0530
144	860108	0.0053+0.0081	0.0094+0.0102	0.0108+0.0134	0.0090+0.0169	0.0171+0.0207	0.0396+0.0463
144	860114	0.0139+0.0083	0.0101+0.0101	0.0102+0.0132	0.0000+0.0162	0.0000+0.0199	0.0289+0.0453
144	860120	0.0000+0.0063	0.0095+0.0083	0.0115+0.0109	0.0100+0.0137	0.0269+0.0170	0.0000+0.0362
144	860126	0.0000+0.0080	0.0084+0.0103	0.0050+0.0134	0.0052+0.0170	0.0261+0.0212	0.0437+0.0470
144	860201	0.0014+0.0067	0.0124+0.0089	0.0172+0.0116	0.0192+0.0147	0.0207+0.0177	0.0000+0.0381
144	860207	0.0025+0.0068	0.0010+0.0083	0.0082+0.0113	0.0281+0.0150	0.0213+0.0177	0.0587+0.0400
144	860213	0.0038+0.0054	0.0022+0.0066	0.0147+0.0092	0.0000+0.0109	0.0129+0.0138	0.0242+0.0307
144	860219	0.0081+0.0072	0.0050+0.0087	0.0000+0.0112	0.0099+0.0146	0.0059+0.0177	0.0038+0.0392
144	860225	0.0116+0.0059	0.0048+0.0069	0.0130+0.0092	0.0124+0.0116	0.0155+0.0141	0.0217+0.0312
144	860303	0.0000+0.0075	0.0000+0.0095	0.0023+0.0127	0.0064+0.0163	0.0045+0.0198	0.0000+0.0434
144	860309	0.0074+0.0062	0.0057+0.0075	0.0076+0.0099	0.0134+0.0127	0.0198+0.0155	0.0035+0.0334
144	860315	0.0000+0.0057	0.0058+0.0076	0.0078+0.0100	0.0175+0.0130	0.0000+0.0151	0.0095+0.0342
144	860321	0.0080+0.0066	0.0052+0.0081	0.0043+0.0106	0.0203+0.0140	0.0200+0.0167	0.0000+0.0360
144	860327	0.0000+0.0070	0.0122+0.0093	0.0105+0.0119	0.0009+0.0149	0.0142+0.0184	0.0417+0.0413
144	860402	0.0040+0.0086	0.0033+0.0110	0.0171+0.0143	0.0001+0.0182	0.0000+0.0205	0.0000+0.0461
144	860408	0.0000+0.0079	0.0063+0.0105	0.0186+0.0137	0.0000+0.0172	0.0180+0.0200	0.0394+0.0450
144	860414	0.0047+0.0059	0.0036+0.0075	0.0123+0.0097	0.0032+0.0122	0.0116+0.0142	0.0000+0.0308
144	860420	0.0000+0.0054	0.0032+0.0075	0.0000+0.0094	0.0000+0.0118	0.0000+0.0139	0.0536+0.0333
144	860426	0.0072+0.0067	0.0008+0.0084	0.0072+0.0108	0.0000+0.0136	0.0147+0.0161	0.0000+0.0349
144	860502	0.0025+0.0066	0.0066+0.0087	0.0000+0.0106	0.0000+0.0135	0.0138+0.0163	0.0633+0.0376
144	860508	0.0000+0.0087	0.0000+0.0111	0.0072+0.0145	0.0000+0.0185	0.0000+0.0215	0.0000+0.0473
144	860514	0.0000+0.0077	0.0000+0.0098	0.0030+0.0129	0.0035+0.0167	0.0122+0.0194	0.0112+0.0430
144	860520	0.0000+0.0073	0.0000+0.0094	0.0000+0.0119	0.0000+0.0156	0.0194+0.0185	0.0112+0.0406
144	860526	0.0000+0.0075	0.0000+0.0098	0.0057+0.0125	0.0000+0.0156	0.0035+0.0186	0.0476+0.0429
144	860601	0.0000+0.0085	0.0066+0.0116	0.0042+0.0146	0.0000+0.0184	0.0083+0.0218	0.0270+0.0490
144	860607	0.0133+0.0084	0.0095+0.0106	0.0007+0.0131	0.0000+0.0168	0.0176+0.0199	0.0000+0.0435
144	860613	0.0009+0.0062	0.0000+0.0080	0.0187+0.0110	0.0007+0.0134	0.0071+0.0155	0.0000+0.0341
144	860619	0.0000+0.0079	0.0000+0.0103	0.0122+0.0137	0.0000+0.0174	0.0009+0.0199	0.0000+0.0441
144	860625	0.0047+0.0075	0.0045+0.0098	0.0034+0.0124	0.0192+0.0164	0.0193+0.0188	0.0000+0.0396

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	PD	AG	CD	IN	SN	SB
144	860701	0.0044+0.0065	0.0000+0.0083	0.0153+0.0110	0.0000+0.0136	0.0222+0.0162	0.0000+0.0349
144	860707	0.0006+0.0064	0.0033+0.0084	0.0130+0.0109	0.0000+0.0132	0.0250+0.0162	0.0518+0.0364
144	860713	0.0060+0.0078	0.0035+0.0100	0.0000+0.0122	0.0000+0.0160	0.0119+0.0189	0.0000+0.0403
144	860719	0.0004+0.0063	0.0052+0.0085	0.0097+0.0107	0.0000+0.0133	0.0102+0.0159	0.0311+0.0357
144	860725	0.0000+0.0072	0.0000+0.0095	0.0011+0.0122	0.0012+0.0158	0.0245+0.0187	0.0438+0.0418
144	860731	0.0012+0.0073	0.0195+0.0101	0.0200+0.0126	0.0130+0.0158	0.0000+0.0178	0.0000+0.0397
144	860806	0.0000+0.0075	0.0111+0.0104	0.0139+0.0131	0.0000+0.0165	0.0223+0.0194	0.0002+0.0424
144	860812	0.0014+0.0081	0.0022+0.0107	0.0000+0.0133	0.0000+0.0171	0.0216+0.0205	0.0666+0.0465
144	860818	0.0026+0.0060	0.0000+0.0077	0.0057+0.0100	0.0000+0.0125	0.0185+0.0152	0.0355+0.0341
144	860824	0.0012+0.0076	0.0021+0.0098	0.0116+0.0128	0.0000+0.0160	0.0118+0.0189	0.0000+0.0401
144	860830	0.0014+0.0071	0.0015+0.0093	0.0115+0.0120	0.0000+0.0152	0.0262+0.0182	0.0111+0.0396
144	860905	0.0000+0.0096	0.0030+0.0117	0.0000+0.0145	0.0000+0.0188	0.0154+0.0223	0.0136+0.0493
144	860911	0.0056+0.0077	0.0077+0.0100	0.0014+0.0124	0.0000+0.0157	0.0368+0.0196	0.0000+0.0414
144	860917	0.0034+0.0061	0.0114+0.0082	0.0129+0.0103	0.0000+0.0127	0.0188+0.0153	0.0192+0.0337
144	860923	0.0018+0.0062	0.0000+0.0079	0.0174+0.0107	0.0000+0.0130	0.0042+0.0153	0.0452+0.0354
144	860929	0.0033+0.0065	0.0063+0.0085	0.0079+0.0108	0.0000+0.0134	0.0165+0.0162	0.0000+0.0345
144	861005	0.0077+0.0084	0.0084+0.0109	0.0043+0.0136	0.0000+0.0173	0.0110+0.0202	0.0000+0.0442
144	861011	0.0000+0.0071	0.0048+0.0097	0.0133+0.0125	0.0050+0.0160	0.0121+0.0185	0.0431+0.0420
144	861017	0.0000+0.0080	0.0000+0.0107	0.0000+0.0135	0.0000+0.0176	0.0116+0.0206	0.0085+0.0458
144	861023	0.0000+0.0071	0.0047+0.0096	0.0004+0.0120	0.0000+0.0154	0.0174+0.0182	0.0168+0.0403
144	861029	0.0073+0.0086	0.0006+0.0107	0.0015+0.0138	0.0000+0.0175	0.0269+0.0212	0.0158+0.0466
144	861104	0.0017+0.0064	0.0080+0.0085	0.0118+0.0108	0.0000+0.0135	0.0127+0.0160	0.0379+0.0364
144	861110	0.0000+0.0066	0.0158+0.0092	0.0106+0.0115	0.0233+0.0151	0.0000+0.0165	0.0000+0.0360
144	861116	0.0036+0.0064	0.0047+0.0083	0.0162+0.0108	0.0184+0.0139	0.0070+0.0156	0.0268+0.0353
144	861122	0.0075+0.0074	0.0000+0.0088	0.0143+0.0123	0.0000+0.0152	0.0000+0.0178	0.0000+0.0382
144	861128	0.0082+0.0069	0.0088+0.0087	0.0000+0.0106	0.0000+0.0137	0.0017+0.0161	0.0019+0.0361
144	861204	0.0018+0.0080	0.0000+0.0102	0.0021+0.0132	0.0000+0.0169	0.0000+0.0197	0.0016+0.0443
144	861210	0.0051+0.0073	0.0000+0.0088	0.0000+0.0125	0.0037+0.0152	0.0041+0.0177	0.0081+0.0395
144	861216	0.0056+0.0065	0.0077+0.0084	0.0123+0.0109	0.0000+0.0134	0.0000+0.0155	0.0186+0.0359
144	861222	0.0023+0.0074	0.0000+0.0094	0.0000+0.0129	0.0000+0.0154	0.0077+0.0184	0.0167+0.0414
144	861228	0.0000+0.0079	0.0021+0.0103	0.0066+0.0133	0.0000+0.0168	0.0298+0.0205	0.0000+0.0441

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	BA	LA	HG	PB
144	850805	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850811	0.0450+0.0680	0.0000+0.1006	0.0029+0.0019	0.1055+0.0078
144	850817	0.0801+0.0655	0.1398+0.0987	0.0000+0.0016	0.1218+0.0084
144	850823	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850829	0.1195+0.0888	0.0962+0.1319	0.0020+0.0022	0.2094+0.0131
144	850904	0.0029+0.0725	0.0000+0.1143	0.0000+0.0018	0.0543+0.0058
144	850910	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	850916	0.1033+0.0722	0.0000+0.1098	0.0005+0.0018	0.1094+0.0081
144	850922	0.0000+0.1056	0.0000+0.1580	0.0006+0.0025	0.1625+0.0115
144	850928	0.0000+0.0958	0.0000+0.1453	0.0000+0.0022	0.0870+0.0081
144	851004	0.0000+0.1006	0.0000+0.1503	0.0000+0.0023	0.2820+0.0168
144	851010	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	851016	0.0000+0.0785	0.0000+0.1164	0.0059+0.0020	0.1395+0.0095
144	851022	0.0000+0.0733	0.0000+0.1112	0.0028+0.0018	0.0798+0.0068
144	851028	0.0000+0.0787	0.0000+0.1201	0.0021+0.0019	0.2841+0.0163
144	851103	0.0000+0.0697	0.0019+0.1059	0.0044+0.0019	0.2512+0.0146
144	851109	0.0000+0.0676	0.0864+0.1249	0.0014+0.0013	0.0462+0.0057
144	851115	0.0452+0.0750	0.0670+0.1361	0.0010+0.0014	0.1739+0.0140
144	851121	0.0000+0.0713	0.0000+0.1294	0.0022+0.0014	0.2096+0.0164
144	851127	0.0000+0.0804	0.0000+0.1454	0.0007+0.0014	0.0760+0.0079
144	851203	0.0000+0.0701	0.1869+0.1307	0.0000+0.0012	0.1182+0.0102
144	851209	0.0388+0.0736	0.0000+0.1291	0.0000+0.0012	0.0813+0.0080
144	851215	0.0295+0.0657	0.1296+0.1209	0.0000+0.0011	0.0790+0.0076
144	851221	0.0000+0.0910	0.0000+0.1642	0.0000+0.0016	0.2334+0.0184
144	851227	0.0193+0.0920	0.0000+0.1649	0.0011+0.0017	0.3369+0.0254

PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	BA	LA	HG	PB
144	860102	0.0000+0.0999	0.0000+0.1850	0.0005+0.0019	0.1942+0.0154
144	860108	0.0033+0.0864	0.0000+0.1585	0.0015+0.0016	0.1166+0.0102
144	860114	0.1031+0.0865	0.0000+0.1543	0.0011+0.0015	0.1864+0.0146
144	860120	0.0692+0.0706	0.0000+0.1281	0.0002+0.0013	0.2219+0.0165
144	860126	0.0000+0.0862	0.0000+0.1599	0.0000+0.0015	0.1179+0.0104
144	860201	0.0338+0.0736	0.0000+0.1332	0.0000+0.0012	0.1232+0.0103
144	860207	0.0000+0.0727	0.0000+0.1333	0.0002+0.0013	0.0826+0.0079
144	860213	0.0000+0.0598	0.0997+0.1070	0.0000+0.0009	0.0977+0.0083
144	860219	0.0000+0.0744	0.0000+0.1369	0.0000+0.0013	0.0968+0.0087
144	860225	0.0000+0.0612	0.1274+0.1097	0.0006+0.0012	0.2643+0.0192
144	860303	0.0134+0.0834	0.0032+0.1540	0.0014+0.0015	0.1392+0.0116
144	860309	0.0224+0.0638	0.1664+0.1206	0.0000+0.0011	0.0362+0.0051
144	860315	0.0000+0.0645	0.1308+0.1219	0.0000+0.0012	0.0699+0.0068
144	860321	0.0516+0.0698	0.0469+0.1283	0.0009+0.0013	0.1621+0.0126
144	860327	0.0153+0.0768	0.0219+0.1418	0.0001+0.0014	0.2100+0.0159
144	860402	0.0000+0.0869	0.0341+0.1604	0.0000+0.0015	0.0632+0.0076
144	860408	0.0000+0.0826	0.0034+0.1514	0.0000+0.0014	0.1080+0.0100
144	860414	0.0931+0.0606	0.1490+0.1096	0.0000+0.0011	0.1407+0.0115
144	860420	0.0000+0.0622	0.1503+0.1111	0.0009+0.0012	0.1758+0.0139
144	860426	0.0144+0.0671	0.0155+0.1215	0.0007+0.0013	0.0926+0.0086
144	860502	0.1044+0.0696	0.0015+0.1227	0.0000+0.0013	0.2005+0.0157
144	860508	0.0000+0.0905	0.0000+0.1643	0.0000+0.0016	0.1535+0.0132
144	860514	0.0033+0.0812	0.2193+0.1506	0.0026+0.0016	0.1209+0.0106
144	860520	0.0197+0.0769	0.0417+0.1394	0.0007+0.0014	0.1236+0.0108
144	860526	0.0000+0.0787	0.0000+0.1420	0.0011+0.0015	0.1064+0.0098
144	860601	0.0000+0.0910	0.0164+0.1666	0.0000+0.0017	0.1062+0.0102
144	860607	0.0000+0.0825	0.0000+0.1494	0.0017+0.0016	0.1260+0.0111
144	860613	0.0000+0.0677	0.1913+0.1223	0.0012+0.0013	0.1738+0.0139
144	860619	0.0169+0.0845	0.0195+0.1532	0.0000+0.0015	0.1447+0.0124
144	860625	0.1045+0.0794	0.0000+0.1384	0.0002+0.0014	0.1558+0.0130



PM10 CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	BA	LA	HG	PB
144	860701	0.0832+0.0677	0.1922+0.1236	0.0002+0.0013	0.1217+0.0104
144	860707	0.1314+0.0687	0.0000+0.1188	0.0007+0.0013	0.1203+0.0103
144	860713	0.0000+0.0788	0.0000+0.1408	0.0000+0.0014	0.0800+0.0082
144	860719	0.0000+0.0659	0.0000+0.1245	0.0000+0.0012	0.1555+0.0127
144	860725	0.0134+0.0773	0.1296+0.1420	0.0000+0.0013	0.1070+0.0098
144	860731	0.0205+0.0761	0.0000+0.1359	0.0000+0.0014	0.2123+0.0168
144	860806	0.0674+0.0816	0.0179+0.1464	0.0016+0.0015	0.1237+0.0110
144	860812	0.0278+0.0852	0.0053+0.1540	0.0023+0.0016	0.1693+0.0142
144	860818	0.1121+0.0647	0.1344+0.1158	0.0001+0.0012	0.1496+0.0123
144	860824	0.0000+0.0782	0.0000+0.1417	0.0007+0.0015	0.0987+0.0094
144	860830	0.0000+0.0744	0.0000+0.1347	0.0000+0.0014	0.1462+0.0124
144	860905	0.0000+0.0928	0.0000+0.1676	0.0007+0.0018	0.2267+0.0182
144	860911	0.0197+0.0804	0.0000+0.1420	0.0006+0.0015	0.1432+0.0123
144	860917	0.0772+0.0642	0.1176+0.1158	0.0011+0.0013	0.1958+0.0156
144	860923	0.0427+0.0650	0.2048+0.1207	0.0002+0.0012	0.0465+0.0058
144	860929	0.0637+0.0679	0.0469+0.1217	0.0000+0.0012	0.1883+0.0151
144	861005	0.0046+0.0852	0.0000+0.1542	0.0000+0.0015	0.1061+0.0100
144	861011	0.0810+0.0785	0.0000+0.1400	0.0000+0.0014	0.0610+0.0071
144	861017	0.0000+0.0855	0.0000+0.1568	0.0014+0.0016	0.1302+0.0116
144	861023	0.0000+0.0754	0.0145+0.1376	0.0000+0.0014	0.2515+0.0196
144	861029	0.0168+0.0870	0.0000+0.1562	0.0000+0.0016	0.4131+0.0313
144	861104	0.1225+0.0686	0.1407+0.1224	0.0002+0.0013	0.2658+0.0204
144	861110	0.1437+0.0736	0.0285+0.1285	0.0010+0.0014	0.1034+0.0094
144	861116	0.0675+0.0665	0.1314+0.1208	0.0014+0.0013	0.2322+0.0181
144	861122	0.0000+0.0748	0.0734+0.1375	0.0000+0.0013	0.0232+0.0052
144	861128	0.0936+0.0709	0.0000+0.1224	0.0013+0.0014	0.2190+0.0172
144	861204	0.0735+0.0858	0.0000+0.1490	0.0013+0.0016	0.3370+0.0258
144	861210	0.0054+0.0753	0.1166+0.1355	0.0000+0.0014	0.0732+0.0077
144	861216	0.0556+0.0686	0.1162+0.1222	0.0000+0.0013	0.0990+0.0090
144	861222	0.0365+0.0788	0.1362+0.1413	0.0000+0.0014	0.1700+0.0141
144	861228	0.0000+0.0847	0.0374+0.1518	0.0000+0.0015	0.0976+0.0096

## Part F

PM<sub>10</sub> Concentrations Measured at Upland

This section contains data on PM<sub>10</sub> mass concentration and chemical composition measured at Upland. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule over the period January - December 1986. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following PM<sub>10</sub> ( $d_p < 10 \mu\text{m AD}$ ) aerosol species: PM<sub>10</sub> mass, organic carbon (OC), elemental carbon (EC), total carbon (TC = OC + EC), NO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>, SO<sub>4</sub><sup>=</sup>, NH<sub>4</sub><sup>+</sup>, Na<sup>+</sup>, Mg<sup>++</sup>, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.99 \pm -9.99$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol < are determined to be below their detection limit. In that case, the measured concentration is bounded up to the sample detection limit and the error bound is determined by statistically propagating the sampling and analysis precisions for that sample. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol < has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by Cl<sup>-</sup>, while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Water soluble PM<sub>10</sub> Br<sup>-</sup> aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	MASS	OC	EC	TC	NH4+
175	860102	188.09+- 3.18	16.89+- 1.10	4.29+- 0.47	21.18+- 0.64	27.74+- 1.11
175	860108	58.54+- 2.90	9.22+- 0.71	2.81+- 0.39	12.04+- 0.36	2.23+- 0.09
175	860114	38.37+- 2.86	19.04+- 1.20	5.79+- 0.54	24.82+- 0.74	1.29+- 0.05
175	860120	159.44+- 3.10	13.99+- 0.95	2.72+- 0.39	16.71+- 0.50	22.85+- 0.91
175	860126	34.75+- 2.84	7.48+- 0.62	1.16+- 0.31	8.64+- 0.26	1.06+- 0.04
175	860201	46.18+- 2.89	7.00+- 0.60	1.68+- 0.33	8.68+- 0.26	4.03+- 0.16
175	860207	28.53+- 2.89	4.93+- 0.50	1.32+- 0.32	6.25+- 0.19	0.49+- 0.02
175	860213	31.84+- 2.88	5.46+- 0.53	1.54+- 0.33	7.00+- 0.21	2.65+- 0.11
175	860219	29.56+- 2.84	4.85+- 0.49	1.31+- 0.32	6.15+- 0.18	1.54+- 0.06
175	860225	58.09+- 2.87	12.34+- 0.87	3.44+- 0.42	15.78+- 0.47	4.71+- 0.19
175	860303	85.24+- 2.91	12.38+- 0.87	3.59+- 0.43	15.97+- 0.48	7.80+- 0.31
175	860309	29.69+- 2.85	4.50+- 0.48	0.33+- 0.27	4.83+- 0.14	1.57+- 0.06
175	860315	23.34+- 2.86	4.28+- 0.47	0.57+- 0.28	4.85+- 0.15	1.28+- 0.05
175	860321	25.69+- 2.83	6.22+- 0.56	1.62+- 0.33	7.84+- 0.24	0.47+- 0.02
175	860327	50.01+- 2.85	8.81+- 0.69	2.15+- 0.36	10.96+- 0.33	2.41+- 0.10
175	860402	-9.99+-9.99	6.08+- 0.56	0.74+- 0.29	6.82+- 0.20	1.75+- 0.07
175	860408	27.72+- 2.82	7.52+- 0.62	1.85+- 0.34	9.38+- 0.28	1.94+- 0.08
175	860414	48.34+- 2.85	9.09+- 0.70	1.81+- 0.34	10.89+- 0.33	3.78+- 0.15
175	860420	27.55+- 2.81	7.13+- 0.61	0.80+- 0.29	7.93+- 0.24	0.55+- 0.02
175	860426	54.91+- 2.84	9.42+- 0.72	1.17+- 0.31	10.58+- 0.32	3.95+- 0.16
175	860502	71.81+- 2.86	12.51+- 0.88	2.43+- 0.37	14.94+- 0.45	4.05+- 0.16
175	860508	45.93+- 2.84	9.29+- 0.72	1.87+- 0.34	11.16+- 0.33	1.87+- 0.07
175	860514	59.47+- 2.85	7.96+- 0.65	1.58+- 0.33	9.54+- 0.29	5.38+- 0.22
175	860520	62.25+- 2.84	10.60+- 0.78	2.15+- 0.36	12.75+- 0.38	3.21+- 0.13
175	860526	59.65+- 2.85	10.00+- 0.75	1.27+- 0.31	11.27+- 0.34	4.20+- 0.17
175	860601	52.52+- 2.86	7.67+- 0.64	0.67+- 0.29	8.34+- 0.25	5.07+- 0.20
175	860607	59.98+- 2.85	10.77+- 0.79	1.60+- 0.33	12.37+- 0.37	5.12+- 0.20
175	860613	72.10+- 2.87	16.68+- 1.09	3.05+- 0.40	19.73+- 0.59	3.27+- 0.13
175	860619	62.58+- 2.86	12.68+- 0.89	2.02+- 0.35	14.71+- 0.44	2.56+- 0.10
175	860625	70.12+- 2.88	16.48+- 1.08	3.43+- 0.42	19.92+- 0.60	4.69+- 0.19

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	MASS	OC	EC	TC	NH4+
175	860701	44.87+- 2.82	10.40+- 0.77	2.95+- 0.40	13.35+- 0.40	1.29+- 0.05
175	860707	51.78+- 2.82	10.47+- 0.77	3.28+- 0.41	13.75+- 0.41	1.45+- 0.06
175	860713	47.62+- 2.83	10.51+- 0.78	1.88+- 0.34	12.39+- 0.37	1.92+- 0.08
175	860719	51.45+- 2.85	10.27+- 0.76	2.49+- 0.37	12.76+- 0.38	1.14+- 0.05
175	860725	21.03+- 2.80	9.28+- 0.71	2.81+- 0.39	12.09+- 0.36	1.47+- 0.06
175	860731	87.89+- 2.87	17.13+- 1.10	4.62+- 0.48	21.76+- 0.65	4.45+- 0.18
175	860806	59.58+- 2.84	10.47+- 0.77	3.71+- 0.43	14.18+- 0.43	3.60+- 0.14
175	860812	61.61+- 2.83	11.52+- 0.82	4.90+- 0.49	16.42+- 0.49	3.12+- 0.12
175	860818	56.24+- 2.82	11.36+- 0.82	3.51+- 0.42	14.86+- 0.45	1.21+- 0.05
175	860824	68.95+- 2.86	12.34+- 0.87	2.49+- 0.37	14.83+- 0.44	3.21+- 0.13
175	860830	53.02+- 2.81	11.28+- 0.81	2.56+- 0.38	13.84+- 0.42	2.20+- 0.09
175	860905	103.50+- 2.91	22.02+- 1.35	6.85+- 0.59	28.87+- 0.87	5.64+- 0.23
175	860911	67.09+- 2.84	11.81+- 0.84	3.12+- 0.40	14.93+- 0.45	3.88+- 0.16
175	860917	42.29+- 2.83	9.64+- 0.73	2.61+- 0.38	12.25+- 0.37	1.03+- 0.04
175	860923	26.79+- 2.82	3.82+- 0.44	1.12+- 0.31	4.94+- 0.15	1.30+- 0.05
175	860929	56.29+- 2.85	10.96+- 0.80	2.72+- 0.39	13.68+- 0.41	3.63+- 0.15
175	861005	15.50+- 2.82	4.87+- 0.49	0.81+- 0.29	5.68+- 0.17	0.70+- 0.03
175	861011	39.41+- 2.82	4.68+- 0.48	1.14+- 0.31	5.82+- 0.17	4.85+- 0.19
175	861017	57.05+- 2.86	7.90+- 0.65	2.29+- 0.37	10.19+- 0.31	5.22+- 0.21
175	861023	91.25+- 2.89	13.07+- 0.90	3.56+- 0.43	16.63+- 0.50	9.05+- 0.36
175	861029	208.66+- 3.22	26.53+- 1.58	7.30+- 0.62	33.83+- 1.01	23.92+- 0.96
175	861104	54.67+- 2.84	12.22+- 0.86	3.54+- 0.43	15.76+- 0.47	2.45+- 0.10
175	861110	32.91+- 2.83	7.88+- 0.64	2.89+- 0.40	10.77+- 0.32	1.20+- 0.05
175	861116	35.86+- 2.84	7.81+- 0.64	1.65+- 0.33	9.46+- 0.28	3.37+- 0.13
175	861122	38.57+- 2.83	7.61+- 0.63	2.09+- 0.35	9.70+- 0.29	4.41+- 0.18
175	861128	32.55+- 2.83	8.22+- 0.66	2.39+- 0.37	10.62+- 0.32	2.55+- 0.10
175	861204	124.50+- 2.97	19.80+- 1.24	7.77+- 0.64	27.57+- 0.83	11.16+- 0.45
175	861210	50.40+- 2.86	9.57+- 0.73	2.61+- 0.38	12.18+- 0.37	4.23+- 0.17
175	861216	50.70+- 2.85	10.97+- 0.80	3.54+- 0.43	14.51+- 0.44	3.70+- 0.15
175	861222	37.30+- 2.86	8.94+- 0.70	3.17+- 0.41	12.10+- 0.36	2.06+- 0.08
175	861228	46.15+- 2.85	9.44+- 0.72	2.13+- 0.36	11.57+- 0.35	5.11+- 0.20

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
175	860102	1.29+- 0.22	79.69+- 3.35	13.18+- 0.63	0.44+- 0.03	0.11+- 0.01
175	860108	0.19+- 0.04	9.67+- 0.41	0.94+- 0.05	0.20+- 0.02	0.11+- 0.01
175	860114	0.56+- 0.10	3.61+- 0.15	2.01+- 0.10	0.45+- 0.03	0.13+- 0.01
175	860120	0.67+- 0.12	63.21+- 2.65	12.75+- 0.61	0.26+- 0.02	0.10+- 0.01
175	860126	0.16+- 0.03	4.87+- 0.20	0.63+- 0.03	0.15+- 0.01	0.08+- 0.01
175	860201	0.82+- 0.14	10.44+- 0.44	2.26+- 0.11	0.71+- 0.05	0.09+- 0.01
175	860207	0.40+- 0.07	3.00+- 0.13	0.98+- 0.05	0.45+- 0.03	0.10+- 0.01
175	860213	0.52+- 0.09	7.40+- 0.31	1.37+- 0.07	0.19+- 0.02	0.03+- 0.00
175	860219	1.34+- 0.23	3.69+- 0.15	1.86+- 0.09	0.87+- 0.06	0.11+- 0.01
175	860225	0.16+- 0.03	15.48+- 0.65	1.65+- 0.08	0.19+- 0.02	0.14+- 0.01
175	860303	0.13+- 0.03	20.60+- 0.87	7.50+- 0.36	0.37+- 0.03	0.12+- 0.01
175	860309	2.50+- 0.43	5.54+- 0.23	2.52+- 0.12	2.44+- 0.17	0.29+- 0.02
175	860315	1.16+- 0.20	4.55+- 0.19	1.35+- 0.07	1.15+- 0.08	0.14+- 0.01
175	860321	< 0.06+- 0.02	2.24+- 0.09	0.81+- 0.04	0.11+- 0.01	0.07+- 0.01
175	860327	0.26+- 0.05	6.13+- 0.26	3.16+- 0.15	0.25+- 0.02	0.15+- 0.01
175	860402	0.70+- 0.12	5.74+- 0.24	4.28+- 0.21	1.83+- 0.13	0.26+- 0.02
175	860408	0.28+- 0.05	5.81+- 0.24	2.61+- 0.13	0.78+- 0.06	0.14+- 0.01
175	860414	0.19+- 0.04	13.04+- 0.55	3.41+- 0.16	1.08+- 0.08	0.20+- 0.02
175	860420	< 0.06+- 0.02	1.92+- 0.08	1.29+- 0.06	0.18+- 0.02	0.10+- 0.01
175	860426	0.40+- 0.07	11.47+- 0.48	7.59+- 0.36	2.12+- 0.15	0.30+- 0.03
175	860502	0.08+- 0.02	11.31+- 0.48	6.22+- 0.30	1.36+- 0.10	0.26+- 0.02
175	860508	0.18+- 0.04	7.77+- 0.33	2.58+- 0.12	1.10+- 0.08	0.23+- 0.02
175	860514	0.33+- 0.06	8.58+- 0.36	7.63+- 0.37	1.85+- 0.13	0.26+- 0.02
175	860520	0.15+- 0.03	7.02+- 0.29	6.40+- 0.31	1.78+- 0.12	0.31+- 0.03
175	860526	< 0.06+- 0.02	9.29+- 0.39	7.37+- 0.35	1.47+- 0.10	0.26+- 0.02
175	860601	< 0.06+- 0.02	5.84+- 0.25	10.94+- 0.53	0.92+- 0.07	0.16+- 0.01
175	860607	< 0.06+- 0.02	9.08+- 0.38	8.28+- 0.40	1.09+- 0.08	0.19+- 0.02
175	860613	< 0.06+- 0.02	7.09+- 0.30	7.44+- 0.36	1.53+- 0.11	0.27+- 0.02
175	860619	< 0.06+- 0.02	4.65+- 0.20	5.79+- 0.28	0.93+- 0.07	0.20+- 0.02
175	860625	0.11+- 0.03	5.43+- 0.23	11.24+- 0.54	0.84+- 0.06	0.17+- 0.01

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
175	860701	0.32+- 0.06	3.54+- 0.15	3.79+- 0.18	0.77+- 0.06	0.18+- 0.02
175	860707	< 0.06+- 0.02	4.72+- 0.20	3.82+- 0.18	0.92+- 0.07	0.18+- 0.02
175	860713	< 0.06+- 0.02	3.36+- 0.14	5.02+- 0.24	0.50+- 0.04	0.15+- 0.01
175	860719	< 0.06+- 0.02	4.08+- 0.17	2.95+- 0.14	0.89+- 0.06	0.18+- 0.02
175	860725	0.06+- 0.02	3.45+- 0.14	3.83+- 0.18	0.79+- 0.06	0.16+- 0.01
175	860731	-9.99+-9.99	5.45+- 0.23	10.76+- 0.52	0.81+- 0.06	0.24+- 0.02
175	860806	< 0.06+- 0.02	4.21+- 0.18	9.27+- 0.45	1.08+- 0.08	0.20+- 0.02
175	860812	< 0.06+- 0.02	3.47+- 0.15	8.33+- 0.40	0.58+- 0.04	0.21+- 0.02
175	860818	0.07+- 0.02	2.90+- 0.12	3.62+- 0.17	0.50+- 0.04	0.20+- 0.02
175	860824	< 0.06+- 0.02	6.99+- 0.29	9.19+- 0.44	1.93+- 0.13	0.34+- 0.03
175	860830	< 0.06+- 0.02	5.75+- 0.24	5.51+- 0.26	1.15+- 0.08	0.23+- 0.02
175	860905	< 0.06+- 0.02	8.92+- 0.37	10.24+- 0.49	0.83+- 0.06	0.23+- 0.02
175	860911	0.12+- 0.03	8.26+- 0.35	7.20+- 0.35	1.76+- 0.12	0.28+- 0.02
175	860917	0.07+- 0.02	3.49+- 0.15	2.23+- 0.11	0.63+- 0.05	0.13+- 0.01
175	860923	0.37+- 0.07	4.28+- 0.18	2.72+- 0.13	1.20+- 0.08	0.18+- 0.02
175	860929	0.07+- 0.02	10.53+- 0.44	3.72+- 0.18	0.71+- 0.05	0.13+- 0.01
175	861005	< 0.05+- 0.02	0.94+- 0.04	1.67+- 0.08	0.20+- 0.02	0.07+- 0.01
175	861011	0.21+- 0.04	7.90+- 0.33	8.16+- 0.39	0.62+- 0.05	0.09+- 0.01
175	861017	0.07+- 0.02	11.61+- 0.49	7.59+- 0.36	0.81+- 0.06	0.14+- 0.01
175	861023	0.13+- 0.03	23.00+- 0.97	8.79+- 0.42	0.78+- 0.06	0.15+- 0.01
175	861029	0.22+- 0.04	67.24+- 2.82	15.67+- 0.75	0.72+- 0.05	0.26+- 0.02
175	861104	< 0.05+- 0.02	10.03+- 0.42	2.19+- 0.11	0.62+- 0.05	0.19+- 0.02
175	861110	< 0.05+- 0.02	5.02+- 0.21	0.83+- 0.04	0.22+- 0.02	0.11+- 0.01
175	861116	< 0.05+- 0.02	11.09+- 0.47	1.61+- 0.08	0.20+- 0.02	0.09+- 0.01
175	861122	< 0.05+- 0.02	12.80+- 0.54	2.79+- 0.13	0.27+- 0.02	0.07+- 0.01
175	861128	< 0.05+- 0.02	8.53+- 0.36	1.03+- 0.05	0.24+- 0.02	0.10+- 0.01
175	861204	0.33+- 0.06	38.81+- 1.63	1.90+- 0.09	0.33+- 0.03	0.23+- 0.02
175	861210	0.08+- 0.02	13.35+- 0.56	1.59+- 0.08	0.15+- 0.01	0.06+- 0.01
175	861216	0.20+- 0.04	10.84+- 0.46	2.75+- 0.13	0.41+- 0.03	0.12+- 0.01
175	861222	0.09+- 0.02	5.68+- 0.24	1.77+- 0.08	0.14+- 0.01	0.07+- 0.01
175	861228	< 0.05+- 0.02	16.26+- 0.68	1.32+- 0.06	0.24+- 0.02	0.08+- 0.01

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	AL	SI	P	S	CL	K
175	860102	1.0668+0.1385	2.1875+0.3005	0.1549+0.0322	4.7258+0.3278	0.9505+0.0708	0.4773+0.0350
175	860108	2.2205+0.2864	5.5633+0.7630	0.0929+0.0195	0.4974+0.0511	0.2010+0.0208	0.7406+0.0526
175	860114	1.0375+0.1345	2.5395+0.3485	0.0703+0.0148	0.9509+0.0775	0.5457+0.0427	0.4246+0.0313
175	860120	1.2589+0.1630	2.9748+0.4084	0.1394+0.0289	4.3723+0.3036	0.5805+0.0461	0.4246+0.0314
175	860126	1.1896+0.1539	2.7991+0.3838	0.0644+0.0137	0.2886+0.0365	0.1464+0.0170	0.4650+0.0340
175	860201	0.2507+0.0342	0.5058+0.0701	0.0526+0.0113	1.0239+0.0821	0.7442+0.0560	0.1698+0.0144
175	860207	0.6669+0.0871	1.8228+0.2506	0.0406+0.0089	0.4209+0.0428	0.4703+0.0375	0.2744+0.0215
175	860213	0.1559+0.0219	0.3009+0.0420	0.0359+0.0078	0.5785+0.0514	0.2468+0.0225	0.1142+0.0105
175	860219	0.2047+0.0288	0.3903+0.0543	0.0420+0.0093	0.9206+0.0755	1.3282+0.0943	0.1252+0.0116
175	860225	1.2991+0.1679	3.4023+0.4665	0.0925+0.0194	0.8378+0.0703	0.1845+0.0191	0.4675+0.0341
175	860303	0.9784+0.1270	2.4222+0.3324	0.1135+0.0236	3.0779+0.2170	0.1611+0.0201	0.3834+0.0285
175	860309	0.1593+0.0224	0.3308+0.0461	0.0527+0.0111	1.1361+0.0865	1.7062+0.1194	0.2006+0.0162
175	860315	0.1968+0.0270	0.4007+0.0556	0.0353+0.0077	0.6758+0.0566	1.2768+0.0909	0.1387+0.0121
175	860321	0.9992+0.1294	2.5764+0.3532	0.0522+0.0112	0.3819+0.0403	0.0932+0.0132	0.3559+0.0266
175	860327	1.5095+0.1948	3.8747+0.5309	0.0891+0.0187	1.3842+0.1053	0.3527+0.0306	0.5204+0.0376
175	860402	0.1791+0.0250	0.4877+0.0685	0.0133+0.0034	0.3464+0.0352	0.1626+0.0169	0.0755+0.0081
175	860408	0.4441+0.0594	1.1451+0.1597	0.0554+0.0119	1.2154+0.0974	0.3291+0.0294	0.2312+0.0192
175	860414	0.9434+0.1244	2.7059+0.3767	0.0844+0.0177	1.4795+0.1157	0.2474+0.0237	0.4031+0.0313
175	860420	1.1549+0.1517	2.9805+0.4145	0.0626+0.0133	0.6187+0.0551	0.1471+0.0161	0.3987+0.0309
175	860426	1.1764+0.1547	3.1764+0.4419	0.1047+0.0219	2.9849+0.2211	0.1907+0.0210	0.5217+0.0396
175	860502	1.5283+0.2005	4.0206+0.5591	0.1183+0.0248	2.5233+0.1889	0.2186+0.0226	0.6121+0.0460
175	860508	1.3556+0.1781	3.6100+0.5022	0.0944+0.0199	1.1119+0.0907	0.3255+0.0291	0.5341+0.0406
175	860514	0.9063+0.1195	2.1413+0.2981	0.1153+0.0241	3.8600+0.2830	0.3181+0.0298	0.3781+0.0295
175	860520	1.4299+0.1877	3.7546+0.5221	0.1230+0.0258	3.0044+0.2231	0.2900+0.0280	0.6275+0.0471
175	860526	1.1802+0.1553	3.1665+0.4406	0.1132+0.0237	3.3023+0.2439	0.1148+0.0174	0.5531+0.0420
175	860601	0.9538+0.1259	2.3137+0.3224	0.1189+0.0249	4.1660+0.3054	0.0787+0.0166	0.4087+0.0318
175	860607	1.2081+0.1589	3.1762+0.4419	0.1281+0.0267	3.5092+0.2585	0.1339+0.0184	0.5360+0.0407
175	860613	1.6973+0.2228	4.3481+0.6050	0.1405+0.0293	3.0301+0.2259	0.1678+0.0205	0.7079+0.0530
175	860619	1.7391+0.2282	4.7205+0.6568	0.1237+0.0259	2.5410+0.1906	0.1918+0.0212	0.7011+0.0525
175	860625	1.7316+0.2273	4.5843+0.6380	0.1711+0.0356	4.1947+0.3082	0.1054+0.0185	0.6433+0.0484

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	AL	SI	P	S	CL	K
175	860701	1.4901+0.1955	4.0533+0.5634	0.1060+0.0223	1.5868+0.1230	0.1445+0.0172	0.6419+0.0481
175	860707	1.3160+0.1728	3.5148+0.4885	0.1016+0.0213	1.6214+0.1266	0.1324+0.0175	0.6351+0.0476
175	860713	1.2732+0.1673	3.0961+0.4307	0.1135+0.0237	2.0994+0.1588	0.1059+0.0154	0.5821+0.0439
175	860719	1.3462+0.1769	3.4193+0.4758	0.1050+0.0219	1.3480+0.1076	0.1816+0.0196	0.5611+0.0425
175	860725	1.0261+0.1350	2.7175+0.3779	0.0943+0.0199	1.5576+0.1217	0.1837+0.0203	0.4422+0.0340
175	860731	2.1461+0.2809	5.5903+0.7768	0.1915+0.0398	4.2446+0.3095	0.1204+0.0184	0.8605+0.0635
175	860806	1.6207+0.2125	4.2343+0.5886	0.0319+0.0160	3.5197+0.2586	0.1616+0.0203	0.6451+0.0484
175	860812	1.7896+0.2344	4.5740+0.6355	0.0367+0.0185	3.1501+0.2331	0.1050+0.0175	0.7126+0.0530
175	860818	2.2110+0.2892	5.6198+0.7806	0.0354+0.0178	1.6564+0.1276	0.2102+0.0212	0.9061+0.0666
175	860824	1.7397+0.2282	4.5103+0.6272	0.0237+0.0119	3.9448+0.2892	0.1576+0.0203	0.8594+0.0636
175	860830	1.1951+0.1569	3.2613+0.4531	0.0204+0.0102	2.1257+0.1597	0.1453+0.0172	0.6086+0.0455
175	860905	2.2891+0.2996	6.0893+0.8462	0.0495+0.0248	4.4821+0.3275	0.1640+0.0216	1.0155+0.0745
175	860911	1.4395+0.1888	3.6250+0.5039	0.0162+0.0082	3.2620+0.2401	0.3191+0.0293	0.5684+0.0428
175	860917	1.4196+0.1863	3.7748+0.5250	0.0276+0.0139	1.0111+0.0842	0.1689+0.0184	0.5458+0.0413
175	860923	0.7867+0.1039	2.1131+0.2942	0.0000+0.0110	1.2021+0.0950	0.3975+0.0337	0.3391+0.0267
175	860929	0.8092+0.1069	2.1055+0.2932	0.0071+0.0035	1.6346+0.1279	0.1341+0.0170	0.3243+0.0257
175	861005	0.4343+0.0582	1.1294+0.1575	0.0000+0.0084	0.6238+0.0570	0.0772+0.0129	0.2102+0.0178
175	861011	0.3536+0.0476	0.7556+0.1056	0.0000+0.0160	3.1788+0.2339	0.2694+0.0259	0.1627+0.0142
175	861017	1.0439+0.1375	2.6750+0.3725	0.0103+0.0052	3.0076+0.2235	0.1822+0.0208	0.4077+0.0316
175	861023	1.2004+0.1578	2.9921+0.4162	0.0270+0.0270	3.5526+0.2615	0.3077+0.0291	0.4905+0.0374
175	861029	2.1356+0.2801	5.4077+0.7525	0.0480+0.0481	6.2209+0.4562	0.2531+0.0292	0.8463+0.0628
175	861104	1.5372+0.2017	3.9503+0.5493	0.0180+0.0091	1.0443+0.0866	0.1103+0.0149	0.5504+0.0416
175	861110	1.8250+0.2392	4.6525+0.6470	0.0178+0.0179	0.3708+0.0421	0.1078+0.0145	0.6202+0.0466
175	861116	0.7437+0.0985	1.8930+0.2638	0.0145+0.0072	0.6820+0.0630	0.1053+0.0150	0.3496+0.0277
175	861122	0.7316+0.0968	1.9220+0.2678	0.0156+0.0079	1.2065+0.0967	0.0501+0.0111	0.3407+0.0269
175	861128	0.8849+0.1167	2.2443+0.3125	0.0132+0.0066	0.4976+0.0485	0.0899+0.0127	0.3217+0.0255
175	861204	2.7612+0.3617	7.0694+0.9838	0.0351+0.0176	0.9598+0.0891	0.4354+0.0379	1.1371+0.0837
175	861210	0.7229+0.0957	1.9102+0.2663	0.0117+0.0059	0.7428+0.0651	0.1162+0.0147	0.2811+0.0227
175	861216	1.1888+0.1565	2.8815+0.4014	0.0165+0.0083	1.1291+0.0926	0.2994+0.0277	0.4853+0.0373
175	861222	0.8697+0.1149	2.3107+0.3222	0.0139+0.0070	0.7545+0.0659	0.1343+0.0161	0.3418+0.0271
175	861228	0.7413+0.0982	1.8735+0.2612	0.0107+0.0054	0.6253+0.0582	0.0751+0.0133	0.3227+0.0258



PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	CA	TI	V	CR	MN	FE
175	860102	0.6865+0.0480	0.1392+0.0107	0.0091+0.0027	0.0087+0.0019	0.0469+0.0041	1.0087+0.0691
175	860108	1.8906+0.1286	0.2852+0.0204	0.0154+0.0040	0.0126+0.0019	0.0668+0.0053	2.3251+0.1575
175	860114	0.9831+0.0676	0.1393+0.0106	0.0094+0.0026	0.0076+0.0015	0.0402+0.0035	1.0764+0.0735
175	860120	0.8965+0.0620	0.1550+0.0117	0.0159+0.0029	0.0097+0.0017	0.0499+0.0041	1.2084+0.0826
175	860126	1.0755+0.0736	0.1232+0.0095	0.0141+0.0026	0.0056+0.0015	0.0432+0.0037	1.1441+0.0779
175	860201	0.2703+0.0201	0.0397+0.0039	0.0003+0.0014	0.0078+0.0015	0.0166+0.0021	0.2705+0.0198
175	860207	1.2329+0.0847	0.1065+0.0083	0.0052+0.0020	0.0050+0.0013	0.0259+0.0026	0.6901+0.0479
175	860213	0.1837+0.0142	0.0285+0.0031	0.0039+0.0013	0.0039+0.0011	0.0170+0.0019	0.2413+0.0177
175	860219	0.1655+0.0132	0.0435+0.0042	0.0043+0.0017	0.0067+0.0016	0.0177+0.0023	0.2268+0.0169
175	860225	1.5407+0.1047	0.1888+0.0138	0.0162+0.0032	0.0143+0.0018	0.0539+0.0044	1.3876+0.0942
175	860303	0.8020+0.0555	0.1388+0.0105	0.0158+0.0028	0.0119+0.0018	0.0487+0.0041	1.0978+0.0749
175	860309	0.2212+0.0167	0.0206+0.0025	0.0029+0.0012	0.0028+0.0010	0.0079+0.0014	0.1368+0.0107
175	860315	0.2415+0.0181	0.0186+0.0023	0.0016+0.0010	0.0020+0.0009	0.0078+0.0014	0.2034+0.0151
175	860321	1.0734+0.0733	0.1287+0.0098	0.0083+0.0023	0.0088+0.0015	0.0422+0.0036	1.2090+0.0820
175	860327	1.3943+0.0948	0.1604+0.0119	0.0139+0.0029	0.0128+0.0019	0.0528+0.0043	1.4951+0.1012
175	860402	0.1405+0.0117	0.0180+0.0025	0.0024+0.0012	0.0014+0.0009	0.0032+0.0012	0.1483+0.0120
175	860408	0.3917+0.0295	0.0889+0.0075	0.0099+0.0022	0.0086+0.0015	0.0245+0.0026	0.5179+0.0380
175	860414	0.8777+0.0640	0.1204+0.0097	0.0112+0.0025	0.0082+0.0014	0.0288+0.0028	1.0226+0.0739
175	860420	1.0408+0.0753	0.1083+0.0088	0.0081+0.0021	0.0083+0.0013	0.0304+0.0028	1.0672+0.0768
175	860426	0.8337+0.0608	0.1471+0.0116	0.0144+0.0028	0.0108+0.0017	0.0341+0.0031	1.0995+0.0792
175	860502	1.2793+0.0923	0.1814+0.0140	0.0192+0.0033	0.0129+0.0018	0.0490+0.0042	1.5547+0.1115
175	860508	1.2690+0.0916	0.1623+0.0127	0.0123+0.0028	0.0110+0.0017	0.0415+0.0037	1.4285+0.1026
175	860514	0.5964+0.0440	0.1047+0.0086	0.0109+0.0023	0.0125+0.0017	0.0247+0.0026	0.8198+0.0594
175	860520	1.3677+0.0985	0.1846+0.0143	0.0114+0.0030	0.0164+0.0021	0.0573+0.0048	1.6156+0.1157
175	860526	1.0263+0.0745	0.1255+0.0101	0.0101+0.0026	0.0074+0.0015	0.0332+0.0032	1.1041+0.0796
175	860601	0.5724+0.0425	0.1023+0.0085	0.0095+0.0023	0.0078+0.0015	0.0282+0.0029	0.8888+0.0646
175	860607	0.8397+0.0613	0.1367+0.0108	0.0106+0.0026	0.0100+0.0016	0.0324+0.0031	1.1578+0.0834
175	860613	1.4447+0.1042	0.2478+0.0188	0.0189+0.0039	0.0152+0.0021	0.0677+0.0055	1.9793+0.1419
175	860619	1.3249+0.0957	0.1966+0.0152	0.0172+0.0033	0.0139+0.0020	0.0523+0.0045	1.8351+0.1317
175	860625	1.2908+0.0934	0.2266+0.0173	0.0232+0.0038	0.0163+0.0022	0.0660+0.0055	1.9256+0.1382

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	CA	TI	V	CR	MN	FE
175	860701	1.4267+0.1026	0.1795+0.0138	0.0144+0.0030	0.0144+0.0018	0.0454+0.0039	1.7500+0.1252
175	860707	1.2421+0.0894	0.1610+0.0126	0.0130+0.0029	0.0100+0.0018	0.0440+0.0039	1.4108+0.1010
175	860713	1.4239+0.1025	0.1343+0.0107	0.0141+0.0027	0.0069+0.0014	0.0359+0.0034	1.3070+0.0939
175	860719	1.2532+0.0906	0.1534+0.0120	0.0154+0.0028	0.0134+0.0018	0.0440+0.0039	1.5570+0.1118
175	860725	0.8909+0.0647	0.1399+0.0111	0.0114+0.0027	0.0156+0.0021	0.0418+0.0038	1.2987+0.0931
175	860731	1.8376+0.1315	0.2812+0.0210	0.0176+0.0041	0.0199+0.0023	0.0686+0.0056	2.2956+0.1637
175	860806	1.2197+0.0880	0.2053+0.0157	0.0178+0.0035	0.0152+0.0021	0.0461+0.0041	1.6494+0.1180
175	860812	1.7329+0.1240	0.2149+0.0164	0.0194+0.0036	0.0184+0.0023	0.0674+0.0055	1.9657+0.1402
175	860818	2.1680+0.1547	0.2643+0.0198	0.0178+0.0038	0.0177+0.0021	0.0785+0.0062	2.4885+0.1771
175	860824	1.4590+0.1051	0.2021+0.0155	0.0197+0.0035	0.0132+0.0019	0.0435+0.0039	1.8741+0.1342
175	860830	1.0792+0.0778	0.1541+0.0120	0.0091+0.0025	0.0092+0.0014	0.0357+0.0032	1.3214+0.0945
175	860905	1.8396+0.1318	0.3046+0.0227	0.0316+0.0048	0.0202+0.0024	0.0765+0.0061	2.5479+0.1816
175	860911	0.9920+0.0718	0.1692+0.0131	0.0176+0.0031	0.0131+0.0018	0.0389+0.0034	1.4087+0.1009
175	860917	1.0808+0.0783	0.1726+0.0134	0.0151+0.0030	0.0135+0.0018	0.0404+0.0036	1.4882+0.1068
175	860923	0.6250+0.0460	0.0986+0.0081	0.0063+0.0020	0.0043+0.0012	0.0211+0.0023	0.7879+0.0572
175	860929	0.5808+0.0429	0.0988+0.0082	0.0109+0.0022	0.0090+0.0015	0.0301+0.0029	0.9897+0.0716
175	861005	0.4860+0.0362	0.0481+0.0046	0.0035+0.0016	0.0047+0.0013	0.0131+0.0019	0.4684+0.0346
175	861011	0.2053+0.0163	0.0784+0.0067	0.0025+0.0017	0.0046+0.0012	0.0099+0.0016	0.3237+0.0242
175	861017	0.7048+0.0518	0.1192+0.0096	0.0103+0.0025	0.0107+0.0017	0.0315+0.0031	0.9679+0.0701
175	861023	0.8733+0.0636	0.1539+0.0121	0.0124+0.0028	0.0143+0.0018	0.0451+0.0039	1.2956+0.0930
175	861029	1.8650+0.1342	0.3809+0.0282	0.0361+0.0057	0.0234+0.0027	0.0929+0.0073	2.5988+0.1862
175	861104	1.3848+0.0996	0.1859+0.0143	0.0159+0.0032	0.0107+0.0017	0.0535+0.0045	1.5891+0.1138
175	861110	1.3746+0.0991	0.1924+0.0148	0.0120+0.0031	0.0132+0.0018	0.0520+0.0045	1.7611+0.1262
175	861116	0.7374+0.0541	0.0933+0.0078	0.0066+0.0021	0.0057+0.0014	0.0402+0.0037	0.8976+0.0652
175	861122	0.5701+0.0424	0.0771+0.0066	0.0077+0.0019	0.0048+0.0012	0.0259+0.0026	0.7214+0.0525
175	861128	0.8608+0.0630	0.0948+0.0079	0.0066+0.0020	0.0043+0.0010	0.0299+0.0028	0.9365+0.0677
175	861204	2.5258+0.1819	0.3379+0.0252	0.0264+0.0049	0.0211+0.0025	0.1065+0.0083	3.2032+0.2291
175	861210	0.5853+0.0435	0.0986+0.0082	0.0077+0.0021	0.0064+0.0013	0.0285+0.0028	0.8554+0.0622
175	861216	1.0901+0.0795	0.1259+0.0101	0.0123+0.0026	0.0104+0.0017	0.0489+0.0042	1.3573+0.0978
175	861222	0.9134+0.0671	0.1119+0.0092	0.0109+0.0024	0.0093+0.0015	0.0300+0.0028	1.0342+0.0751
175	861228	0.5897+0.0439	0.0810+0.0070	0.0058+0.0020	0.0038+0.0014	0.0243+0.0027	0.7652+0.0557

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	NI	CU	ZN	GA	AS	SE
175	860102	0.0084+0.0019	0.5991+0.0410	0.5713+0.0393	0.0003+0.0018	0.0085+0.0128	0.0003+0.0013
175	860108	0.0058+0.0015	0.2364+0.0168	0.2590+0.0183	0.0000+0.0013	0.0016+0.0077	0.0021+0.0012
175	860114	0.0133+0.0019	0.4707+0.0323	0.3843+0.0266	0.0001+0.0014	0.0002+0.0090	0.0026+0.0010
175	860120	0.0083+0.0016	0.1550+0.0113	0.2028+0.0145	0.0000+0.0013	0.0015+0.0103	0.0016+0.0009
175	860126	0.0047+0.0014	0.4042+0.0278	0.3525+0.0244	0.0000+0.0013	0.0011+0.0058	0.0007+0.0010
175	860201	0.0053+0.0014	0.1401+0.0104	0.1679+0.0122	0.0000+0.0012	0.0043+0.0070	0.0028+0.0012
175	860207	0.0038+0.0012	0.3089+0.0216	0.2593+0.0183	0.0000+0.0012	0.0000+0.0058	0.0013+0.0009
175	860213	0.0032+0.0011	0.3217+0.0223	0.2876+0.0201	0.0000+0.0010	0.0008+0.0060	0.0002+0.0007
175	860219	0.0040+0.0016	0.0029+0.0033	0.0351+0.0041	0.0003+0.0013	0.0000+0.0061	0.0000+0.0011
175	860225	0.0079+0.0014	0.1936+0.0138	0.2043+0.0145	0.0000+0.0013	0.0000+0.0104	0.0009+0.0008
175	860303	0.0085+0.0017	0.2265+0.0160	0.2378+0.0168	0.0008+0.0015	0.0000+0.0118	0.0029+0.0012
175	860309	0.0024+0.0010	0.0268+0.0032	0.0322+0.0033	0.0009+0.0008	0.0008+0.0034	0.0009+0.0008
175	860315	0.0045+0.0012	0.1136+0.0085	0.0893+0.0069	0.0000+0.0008	0.0000+0.0040	0.0000+0.0007
175	860321	0.0027+0.0011	0.0487+0.0045	0.0716+0.0058	0.0023+0.0010	0.0008+0.0057	0.0009+0.0009
175	860327	0.0073+0.0016	0.2197+0.0156	0.2013+0.0144	0.0000+0.0014	0.0000+0.0083	0.0003+0.0011
175	860402	0.0011+0.0008	0.0445+0.0039	0.0397+0.0035	0.0007+0.0007	0.0021+0.0022	0.0007+0.0008
175	860408	0.0063+0.0014	0.4186+0.0303	0.3311+0.0242	0.0006+0.0012	0.0032+0.0083	0.0024+0.0010
175	860414	0.0047+0.0012	0.3431+0.0250	0.2660+0.0196	0.0003+0.0011	0.0000+0.0088	0.0017+0.0009
175	860420	0.0041+0.0010	0.1965+0.0145	0.1530+0.0116	0.0008+0.0010	0.0023+0.0066	0.0003+0.0007
175	860426	0.0132+0.0017	1.1214+0.0801	0.8092+0.0583	0.0000+0.0018	0.0000+0.0106	0.0025+0.0009
175	860502	0.0118+0.0017	0.6073+0.0437	0.5133+0.0371	0.0029+0.0016	0.0058+0.0108	0.0017+0.0009
175	860508	0.0085+0.0015	0.2094+0.0155	0.2017+0.0150	0.0020+0.0013	0.0057+0.0080	0.0006+0.0009
175	860514	0.0135+0.0018	1.3672+0.0976	0.9481+0.0682	0.0020+0.0019	0.0049+0.0098	0.0034+0.0010
175	860520	0.0128+0.0019	0.7214+0.0517	0.5593+0.0404	0.0000+0.0017	0.0054+0.0124	0.0039+0.0013
175	860526	0.0076+0.0015	0.3366+0.0246	0.2523+0.0187	0.0013+0.0013	0.0000+0.0088	0.0015+0.0010
175	860601	0.0078+0.0015	0.7126+0.0513	0.4976+0.0363	0.0009+0.0015	0.0000+0.0088	0.0011+0.0011
175	860607	0.0090+0.0015	0.7145+0.0513	0.5254+0.0381	0.0016+0.0016	0.0000+0.0116	0.0027+0.0010
175	860613	0.0113+0.0017	0.3054+0.0224	0.2962+0.0217	0.0022+0.0015	0.0115+0.0127	0.0009+0.0010
175	860619	0.0097+0.0016	0.5093+0.0368	0.4081+0.0298	0.0001+0.0014	0.0031+0.0097	0.0021+0.0010
175	860625	0.0107+0.0017	0.3501+0.0256	0.3820+0.0279	0.0001+0.0016	0.0062+0.0133	0.0029+0.0012

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	NI	CU	ZN	GA	AS	SE
175	860701	0.0134+0.0018	0.3595+0.0261	0.3011+0.0221	0.0018+0.0012	0.0000+0.0091	0.0015+0.0009
175	860707	0.0086+0.0016	0.3365+0.0244	0.2955+0.0216	0.0000+0.0014	0.0043+0.0100	0.0019+0.0011
175	860713	0.0116+0.0017	0.4673+0.0338	0.3646+0.0266	0.0006+0.0012	0.0090+0.0077	0.0019+0.0010
175	860719	0.0155+0.0019	1.2299+0.0880	0.8901+0.0641	0.0015+0.0019	0.0000+0.0115	0.0018+0.0009
175	860725	0.0087+0.0015	1.0030+0.0716	0.7655+0.0550	0.0002+0.0018	0.0071+0.0103	0.0021+0.0011
175	860731	0.0146+0.0018	0.4412+0.0319	0.4237+0.0307	0.0000+0.0015	0.0032+0.0116	0.0008+0.0009
175	860806	0.0134+0.0019	0.7183+0.0515	0.5747+0.0415	0.0012+0.0016	0.0053+0.0094	0.0007+0.0011
175	860812	0.0236+0.0026	1.3671+0.0972	1.0476+0.0749	0.0019+0.0021	0.0000+0.0125	0.0016+0.0011
175	860818	0.0132+0.0017	0.4583+0.0330	0.4039+0.0293	0.0037+0.0015	0.0109+0.0095	0.0034+0.0009
175	860824	0.0189+0.0023	0.9783+0.0700	0.7237+0.0521	0.0041+0.0018	0.0028+0.0116	0.0048+0.0012
175	860830	0.0101+0.0014	0.2970+0.0216	0.2516+0.0185	0.0007+0.0011	0.0036+0.0079	0.0019+0.0008
175	860905	0.0136+0.0018	0.5758+0.0414	0.5072+0.0366	0.0029+0.0018	0.0105+0.0171	0.0033+0.0011
175	860911	0.0111+0.0016	0.1773+0.0132	0.1765+0.0132	0.0020+0.0012	0.0000+0.0106	0.0018+0.0009
175	860917	0.0107+0.0016	0.5820+0.0419	0.4719+0.0342	0.0000+0.0014	0.0060+0.0099	0.0014+0.0009
175	860923	0.0038+0.0010	0.1067+0.0082	0.0957+0.0075	0.0007+0.0009	0.0052+0.0041	0.0006+0.0008
175	860929	0.0088+0.0014	0.3992+0.0290	0.3886+0.0283	0.0000+0.0015	0.0022+0.0120	0.0028+0.0010
175	861005	0.0054+0.0014	0.3840+0.0279	0.2627+0.0194	0.0016+0.0013	0.0052+0.0058	0.0009+0.0010
175	861011	0.0071+0.0013	0.5418+0.0390	0.4173+0.0303	0.0011+0.0012	0.0053+0.0063	0.0034+0.0009
175	861017	0.0130+0.0018	0.9381+0.0673	0.6849+0.0495	0.0038+0.0017	0.0011+0.0107	0.0015+0.0009
175	861023	0.0117+0.0017	0.4921+0.0355	0.4480+0.0325	0.0017+0.0016	0.0000+0.0127	0.0041+0.0010
175	861029	0.0211+0.0024	0.6087+0.0439	0.6731+0.0486	0.0026+0.0024	0.0014+0.0257	0.0040+0.0013
175	861104	0.0088+0.0014	0.0651+0.0053	0.1590+0.0120	0.0000+0.0011	0.0076+0.0101	0.0017+0.0009
175	861110	0.0041+0.0012	0.3525+0.0257	0.2926+0.0215	0.0003+0.0013	0.0052+0.0082	0.0015+0.0010
175	861116	0.0049+0.0014	0.2705+0.0199	0.2655+0.0196	0.0000+0.0013	0.0000+0.0087	0.0003+0.0010
175	861122	0.0059+0.0013	0.3620+0.0263	0.2955+0.0217	0.0014+0.0011	0.0058+0.0059	0.0008+0.0008
175	861128	0.0044+0.0010	0.3976+0.0289	0.2834+0.0208	0.0011+0.0011	0.0000+0.0080	0.0005+0.0008
175	861204	0.0116+0.0019	0.3746+0.0273	0.4581+0.0333	0.0014+0.0019	0.0058+0.0182	0.0032+0.0013
175	861210	0.0039+0.0010	0.1748+0.0131	0.1781+0.0134	0.0015+0.0011	0.0056+0.0070	0.0019+0.0009
175	861216	0.0085+0.0015	0.5951+0.0430	0.4674+0.0340	0.0000+0.0015	0.0000+0.0097	0.0011+0.0010
175	861222	0.0098+0.0016	0.1542+0.0117	0.1395+0.0107	0.0006+0.0010	0.0101+0.0062	0.0007+0.0008
175	861228	0.0064+0.0015	0.5289+0.0383	0.4060+0.0296	0.0016+0.0014	0.0075+0.0067	0.0006+0.0010

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	BR	RB	SR	Y	ZR	MO
175	860102	0.0556+0.0044	0.0000+0.0024	0.0103+0.0028	0.0000+0.0034	0.0000+0.0143	0.0097+0.0090
175	860108	0.0164+0.0020	0.0062+0.0020	0.0263+0.0030	0.0054+0.0029	0.0000+0.0122	0.0133+0.0076
175	860114	0.0307+0.0028	0.0014+0.0018	0.0115+0.0024	0.0013+0.0026	0.0000+0.0113	0.0000+0.0072
175	860120	0.0481+0.0038	0.0028+0.0017	0.0110+0.0021	0.0014+0.0024	0.0000+0.0100	0.0000+0.0065
175	860126	0.0080+0.0016	0.0032+0.0018	0.0059+0.0023	0.0000+0.0027	0.0000+0.0118	0.0091+0.0074
175	860201	0.0295+0.0027	0.0016+0.0019	0.0058+0.0022	0.0043+0.0027	0.0000+0.0115	0.0113+0.0073
175	860207	0.0117+0.0016	0.0026+0.0015	0.0252+0.0027	0.0026+0.0023	0.0000+0.0099	0.0000+0.0062
175	860213	0.0183+0.0018	0.0025+0.0014	0.0049+0.0016	0.0000+0.0020	0.0000+0.0083	0.0051+0.0052
175	860219	0.0166+0.0022	0.0015+0.0022	0.0075+0.0026	0.0000+0.0031	0.0000+0.0137	0.0054+0.0086
175	860225	0.0230+0.0022	0.0030+0.0015	0.0094+0.0019	0.0000+0.0022	0.0000+0.0092	0.0000+0.0058
175	860303	0.0253+0.0025	0.0016+0.0020	0.0060+0.0023	0.0000+0.0028	0.0000+0.0118	0.0030+0.0073
175	860309	0.0100+0.0014	0.0000+0.0014	0.0047+0.0017	0.0031+0.0021	0.0000+0.0088	0.0000+0.0054
175	860315	0.0105+0.0015	0.0000+0.0013	0.0015+0.0015	0.0000+0.0018	0.0150+0.0086	0.0000+0.0050
175	860321	0.0115+0.0016	0.0008+0.0015	0.0077+0.0020	0.0010+0.0022	0.0000+0.0096	0.0020+0.0059
175	860327	0.0269+0.0026	0.0049+0.0021	0.0112+0.0026	0.0000+0.0029	0.0000+0.0125	0.0007+0.0078
175	860402	0.0051+0.0011	0.0000+0.0013	0.0002+0.0015	0.0000+0.0018	0.0124+0.0082	0.0000+0.0051
175	860408	0.0261+0.0024	0.0000+0.0017	0.0063+0.0021	0.0000+0.0024	0.0056+0.0104	0.0018+0.0066
175	860414	0.0261+0.0024	0.0008+0.0015	0.0064+0.0017	0.0000+0.0021	0.0000+0.0088	0.0000+0.0052
175	860420	0.0169+0.0017	0.0022+0.0012	0.0085+0.0016	0.0000+0.0018	0.0000+0.0078	0.0000+0.0045
175	860426	0.0333+0.0029	0.0015+0.0016	0.0081+0.0019	0.0000+0.0023	0.0000+0.0092	0.0000+0.0056
175	860502	0.0425+0.0035	0.0027+0.0016	0.0154+0.0022	0.0000+0.0023	0.0042+0.0092	0.0006+0.0057
175	860508	0.0269+0.0025	0.0000+0.0017	0.0125+0.0022	0.0000+0.0024	0.0011+0.0102	0.0000+0.0064
175	860514	0.0294+0.0026	0.0008+0.0016	0.0072+0.0019	0.0000+0.0023	0.0000+0.0097	0.0028+0.0059
175	860520	0.0390+0.0033	0.0010+0.0019	0.0135+0.0025	0.0000+0.0028	0.0000+0.0117	0.0123+0.0075
175	860526	0.0329+0.0029	0.0017+0.0018	0.0084+0.0022	0.0001+0.0026	0.0000+0.0110	0.0065+0.0071
175	860601	0.0255+0.0025	0.0029+0.0019	0.0057+0.0023	0.0000+0.0027	0.0000+0.0118	0.0000+0.0074
175	860607	0.0370+0.0032	0.0006+0.0017	0.0110+0.0021	0.0000+0.0025	0.0163+0.0103	0.0000+0.0063
175	860613	0.0486+0.0040	0.0006+0.0018	0.0154+0.0024	0.0000+0.0026	0.0027+0.0108	0.0054+0.0068
175	860619	0.0325+0.0029	0.0014+0.0017	0.0163+0.0024	0.0000+0.0025	0.0035+0.0105	0.0040+0.0066
175	860625	0.0407+0.0035	0.0024+0.0019	0.0176+0.0027	0.0006+0.0029	0.0000+0.0117	0.0075+0.0074

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	BR	RB	SR	Y	ZR	MO
175	860701	0.0258+0.0024	0.0009+0.0015	0.0156+0.0022	0.0000+0.0022	0.0018+0.0092	0.0041+0.0058
175	860707	0.0339+0.0030	0.0020+0.0019	0.0114+0.0024	0.0000+0.0028	0.0163+0.0121	0.0039+0.0076
175	860713	0.0260+0.0024	0.0008+0.0016	0.0133+0.0021	0.0000+0.0023	0.0085+0.0099	0.0053+0.0062
175	860719	0.0296+0.0026	0.0000+0.0015	0.0116+0.0020	0.0000+0.0022	0.0185+0.0093	0.0000+0.0055
175	860725	0.0284+0.0027	0.0012+0.0018	0.0093+0.0023	0.0000+0.0027	0.0067+0.0114	0.0043+0.0072
175	860731	0.0409+0.0034	0.0023+0.0017	0.0167+0.0024	0.0000+0.0025	0.0098+0.0102	0.0129+0.0065
175	860806	0.0267+0.0025	0.0031+0.0019	0.0131+0.0025	0.0000+0.0027	0.0000+0.0117	0.0076+0.0074
175	860812	0.0290+0.0028	0.0037+0.0020	0.0158+0.0027	0.0000+0.0029	0.0000+0.0122	0.0123+0.0079
175	860818	0.0265+0.0024	0.0041+0.0015	0.0159+0.0021	0.0000+0.0020	0.0000+0.0086	0.0172+0.0056
175	860824	0.0400+0.0034	0.0011+0.0018	0.0143+0.0023	0.0000+0.0025	0.0000+0.0103	0.0067+0.0066
175	860830	0.0280+0.0025	0.0013+0.0014	0.0114+0.0018	0.0028+0.0019	0.0000+0.0081	0.0013+0.0048
175	860905	0.0590+0.0047	0.0027+0.0019	0.0179+0.0024	0.0000+0.0026	0.0032+0.0103	0.0000+0.0063
175	860911	0.0373+0.0031	0.0000+0.0015	0.0113+0.0019	0.0000+0.0020	0.0000+0.0089	0.0057+0.0054
175	860917	0.0282+0.0026	0.0000+0.0015	0.0108+0.0019	0.0000+0.0020	0.0000+0.0090	0.0000+0.0053
175	860923	0.0163+0.0018	0.0006+0.0014	0.0041+0.0017	0.0000+0.0020	0.0000+0.0091	0.0000+0.0055
175	860929	0.0348+0.0031	0.0000+0.0016	0.0058+0.0018	0.0000+0.0023	0.0127+0.0095	0.0000+0.0058
175	861005	0.0137+0.0017	0.0000+0.0017	0.0018+0.0020	0.0000+0.0025	0.0000+0.0108	0.0006+0.0068
175	861011	0.0217+0.0021	0.0001+0.0015	0.0049+0.0017	0.0000+0.0020	0.0109+0.0090	0.0011+0.0055
175	861017	0.0316+0.0028	0.0008+0.0016	0.0073+0.0020	0.0000+0.0023	0.0123+0.0098	0.0000+0.0060
175	861023	0.0430+0.0036	0.0000+0.0016	0.0078+0.0019	0.0000+0.0023	0.0010+0.0093	0.0049+0.0059
175	861029	0.0860+0.0066	0.0005+0.0022	0.0187+0.0026	0.0000+0.0031	0.0000+0.0112	0.0063+0.0071
175	861104	0.0338+0.0029	0.0025+0.0016	0.0117+0.0020	0.0000+0.0023	0.0000+0.0095	0.0000+0.0057
175	861110	0.0234+0.0023	0.0009+0.0016	0.0135+0.0023	0.0000+0.0024	0.0134+0.0102	0.0000+0.0062
175	861116	0.0246+0.0024	0.0000+0.0018	0.0066+0.0022	0.0000+0.0026	0.0000+0.0112	0.0024+0.0071
175	861122	0.0211+0.0021	0.0016+0.0015	0.0084+0.0019	0.0008+0.0022	0.0000+0.0089	0.0003+0.0056
175	861128	0.0210+0.0020	0.0013+0.0014	0.0061+0.0016	0.0000+0.0019	0.0132+0.0081	0.0000+0.0050
175	861204	0.0609+0.0049	0.0019+0.0023	0.0183+0.0029	0.0000+0.0033	0.0000+0.0130	0.0116+0.0084
175	861210	0.0239+0.0023	0.0010+0.0014	0.0127+0.0019	0.0000+0.0021	0.0121+0.0087	0.0058+0.0054
175	861216	0.0297+0.0027	0.0000+0.0017	0.0069+0.0021	0.0000+0.0025	0.0000+0.0104	0.0022+0.0066
175	861222	0.0230+0.0023	0.0007+0.0015	0.0083+0.0019	0.0000+0.0022	0.0156+0.0093	0.0046+0.0057
175	861228	0.0174+0.0020	0.0000+0.0018	0.0079+0.0023	0.0000+0.0027	0.0053+0.0118	0.0018+0.0074

# PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	PD	AG	CD	IN	SN	SB
175	860102	0.0024+0.0094	0.0049+0.0118	0.0018+0.0155	0.0000+0.0196	0.0040+0.0241	0.0000+0.0528
175	860108	0.0045+0.0080	0.0149+0.0102	0.0000+0.0127	0.0126+0.0166	0.0000+0.0198	0.0034+0.0446
175	860114	0.0000+0.0072	0.0060+0.0093	0.0213+0.0126	0.0168+0.0156	0.0140+0.0190	0.0279+0.0422
175	860120	0.0000+0.0063	0.0146+0.0086	0.0133+0.0111	0.0000+0.0134	0.0305+0.0173	0.0000+0.0367
175	860126	0.0000+0.0075	0.0097+0.0098	0.0197+0.0131	0.0000+0.0160	0.0000+0.0193	0.0000+0.0432
175	860201	0.0000+0.0074	0.0000+0.0090	0.0244+0.0130	0.0125+0.0160	0.0000+0.0191	0.0308+0.0432
175	860207	0.0066+0.0065	0.0170+0.0085	0.0179+0.0109	0.0121+0.0135	0.0276+0.0168	0.0000+0.0353
175	860213	0.0007+0.0053	0.0058+0.0069	0.0042+0.0090	0.0059+0.0115	0.0116+0.0140	0.0039+0.0307
175	860219	0.0000+0.0088	0.0023+0.0111	0.0035+0.0147	0.0000+0.0184	0.0000+0.0225	0.0000+0.0492
175	860225	0.0000+0.0057	0.0161+0.0081	0.0159+0.0102	0.0000+0.0124	0.0071+0.0153	0.0000+0.0321
175	860303	0.0072+0.0079	0.0108+0.0099	0.0139+0.0130	0.0099+0.0163	0.0100+0.0199	0.0000+0.0433
175	860309	0.0000+0.0056	0.0000+0.0071	0.0174+0.0101	0.0000+0.0120	0.0111+0.0150	0.0000+0.0326
175	860315	0.0000+0.0053	0.0025+0.0068	0.0000+0.0088	0.0043+0.0114	0.0000+0.0135	0.0248+0.0315
175	860321	0.0061+0.0064	0.0067+0.0080	0.0043+0.0104	0.0000+0.0127	0.0026+0.0159	0.0366+0.0363
175	860327	0.0000+0.0079	0.0038+0.0102	0.0067+0.0135	0.0135+0.0173	0.0042+0.0209	0.0000+0.0460
175	860402	0.0052+0.0055	0.0062+0.0071	0.0000+0.0084	0.0000+0.0111	0.0124+0.0133	0.0418+0.0305
175	860408	0.0000+0.0065	0.0000+0.0086	0.0008+0.0112	0.0000+0.0144	0.0222+0.0173	0.0144+0.0378
175	860414	0.0054+0.0058	0.0001+0.0073	0.0059+0.0094	0.0000+0.0119	0.0225+0.0144	0.0000+0.0296
175	860420	0.0007+0.0049	0.0086+0.0067	0.0016+0.0080	0.0019+0.0104	0.0037+0.0120	0.0000+0.0265
175	860426	0.0000+0.0059	0.0097+0.0081	0.0031+0.0099	0.0010+0.0127	0.0225+0.0151	0.0000+0.0313
175	860502	0.0069+0.0062	0.0000+0.0084	0.0060+0.0100	0.0000+0.0127	0.0056+0.0147	0.0000+0.0324
175	860508	0.0000+0.0064	0.0000+0.0086	0.0009+0.0110	0.0000+0.0141	0.0001+0.0164	0.0397+0.0378
175	860514	0.0066+0.0064	0.0074+0.0083	0.0044+0.0103	0.0125+0.0135	0.0271+0.0159	0.0260+0.0347
175	860520	0.0000+0.0075	0.0000+0.0099	0.0000+0.0126	0.0037+0.0165	0.0008+0.0189	0.0454+0.0433
175	860526	0.0000+0.0071	0.0038+0.0094	0.0038+0.0121	0.0000+0.0154	0.0107+0.0180	0.0610+0.0414
175	860601	0.0038+0.0079	0.0000+0.0098	0.0066+0.0129	0.0000+0.0166	0.0000+0.0189	0.0000+0.0422
175	860607	0.0000+0.0064	0.0000+0.0084	0.0030+0.0109	0.0000+0.0139	0.0000+0.0160	0.0121+0.0364
175	860613	0.0000+0.0070	0.0000+0.0091	0.0056+0.0118	0.0000+0.0148	0.0270+0.0180	0.0048+0.0389
175	860619	0.0118+0.0073	0.0000+0.0089	0.0009+0.0113	0.0000+0.0137	0.0275+0.0175	0.0008+0.0375
175	860625	0.0000+0.0077	0.0016+0.0101	0.0094+0.0129	0.0000+0.0162	0.0301+0.0196	0.0000+0.0415

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	PD	AG	CD	IN	SN	SB
175	860701	0.0063+0.0061	0.0106+0.0081	0.0060+0.0100	0.0000+0.0127	0.0144+0.0150	0.0475+0.0341
175	860707	0.0041+0.0079	0.0074+0.0104	0.0000+0.0127	0.0000+0.0166	0.0121+0.0194	0.0094+0.0431
175	860713	0.0048+0.0066	0.0000+0.0082	0.0000+0.0104	0.0000+0.0135	0.0081+0.0159	0.0480+0.0366
175	860719	0.0006+0.0058	0.0042+0.0076	0.0000+0.0092	0.0073+0.0127	0.0000+0.0152	0.0226+0.0326
175	860725	0.0000+0.0072	0.0000+0.0097	0.0246+0.0131	0.0000+0.0156	0.0127+0.0187	0.0120+0.0415
175	860731	0.0000+0.0063	0.0034+0.0086	0.0068+0.0110	0.0000+0.0139	0.0251+0.0167	0.0084+0.0362
175	860806	0.0028+0.0077	0.0000+0.0094	0.0005+0.0126	0.0000+0.0160	0.0346+0.0194	0.0110+0.0420
175	860812	0.0008+0.0080	0.0000+0.0100	0.0116+0.0135	0.0000+0.0170	0.0314+0.0205	0.0167+0.0448
175	860818	0.0047+0.0056	0.0000+0.0070	0.0001+0.0089	0.0039+0.0117	0.0274+0.0140	0.0065+0.0299
175	860824	0.0018+0.0068	0.0000+0.0087	0.0016+0.0112	0.0062+0.0148	0.0139+0.0171	0.0190+0.0381
175	860830	0.0081+0.0055	0.0103+0.0071	0.0061+0.0086	0.0015+0.0109	0.0216+0.0132	0.0384+0.0294
175	860905	0.0061+0.0069	0.0032+0.0088	0.0046+0.0112	0.0001+0.0144	0.0142+0.0168	0.0371+0.0379
175	860911	0.0000+0.0054	0.0097+0.0077	0.0000+0.0089	0.0000+0.0119	0.0201+0.0144	0.0000+0.0305
175	860917	0.0000+0.0055	0.0065+0.0076	0.0020+0.0093	0.0047+0.0123	0.0237+0.0146	0.0242+0.0318
175	860923	0.0000+0.0057	0.0057+0.0077	0.0000+0.0094	0.0000+0.0123	0.0000+0.0150	0.0235+0.0324
175	860929	0.0034+0.0063	0.0000+0.0080	0.0002+0.0101	0.0138+0.0136	0.0245+0.0158	0.0270+0.0345
175	861005	0.0054+0.0073	0.0009+0.0093	0.0000+0.0116	0.0000+0.0150	0.0092+0.0177	0.0350+0.0401
175	861011	0.0000+0.0057	0.0000+0.0074	0.0000+0.0092	0.0052+0.0125	0.0131+0.0145	0.0423+0.0330
175	861017	0.0000+0.0060	0.0000+0.0082	0.0113+0.0109	0.0000+0.0135	0.0000+0.0155	0.0110+0.0353
175	861023	0.0000+0.0059	0.0015+0.0079	0.0000+0.0099	0.0000+0.0128	0.0212+0.0155	0.0129+0.0338
175	861029	0.0010+0.0073	0.0086+0.0096	0.0198+0.0126	0.0031+0.0155	0.0379+0.0191	0.0170+0.0408
175	861104	0.0000+0.0060	0.0000+0.0075	0.0061+0.0102	0.0022+0.0129	0.0153+0.0154	0.0035+0.0337
175	861110	0.0057+0.0068	0.0075+0.0088	0.0033+0.0109	0.0000+0.0140	0.0191+0.0168	0.0418+0.0379
175	861116	0.0000+0.0072	0.0031+0.0097	0.0074+0.0123	0.0000+0.0154	0.0000+0.0182	0.0260+0.0413
175	861122	0.0031+0.0060	0.0000+0.0074	0.0189+0.0104	0.0055+0.0127	0.0247+0.0153	0.0065+0.0331
175	861128	0.0005+0.0052	0.0031+0.0069	0.0000+0.0086	0.0000+0.0109	0.0114+0.0134	0.0024+0.0293
175	861204	0.0023+0.0087	0.0000+0.0106	0.0000+0.0142	0.0000+0.0182	0.0120+0.0216	0.0000+0.0475
175	861210	0.0030+0.0057	0.0053+0.0074	0.0000+0.0092	0.0000+0.0119	0.0233+0.0147	0.0579+0.0334
175	861216	0.0000+0.0070	0.0069+0.0091	0.0122+0.0119	0.0000+0.0146	0.0120+0.0176	0.0040+0.0390
175	861222	0.0082+0.0063	0.0068+0.0080	0.0095+0.0102	0.0000+0.0126	0.0068+0.0152	0.0000+0.0332
175	861228	0.0000+0.0074	0.0000+0.0099	0.0000+0.0124	0.0000+0.0162	0.0000+0.0187	0.0309+0.0438



PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	BA	LA	HG	PB
175	860102	0.0000+0.1011	0.0000+0.1854	0.0003+0.0018	0.2105+0.0163
175	860108	0.0000+0.0846	0.0000+0.1563	0.0000+0.0015	0.1183+0.0102
175	860114	0.0000+0.0787	0.0000+0.1453	0.0000+0.0014	0.1418+0.0115
175	860120	0.0000+0.0695	0.0000+0.1281	0.0000+0.0013	0.1694+0.0131
175	860126	0.0000+0.0816	0.0000+0.1513	0.0000+0.0014	0.0797+0.0079
175	860201	0.0826+0.0822	0.0000+0.1480	0.0000+0.0014	0.1025+0.0092
175	860207	0.0223+0.0683	0.0192+0.1260	0.0021+0.0014	0.0844+0.0077
175	860213	0.0659+0.0594	0.0000+0.1063	0.0002+0.0010	0.0913+0.0079
175	860219	0.0000+0.0946	0.0000+0.1754	0.0000+0.0016	0.0781+0.0084
175	860225	0.1153+0.0660	0.0908+0.1195	0.0005+0.0011	0.1727+0.0131
175	860303	0.0000+0.0830	0.0000+0.1513	0.0000+0.0015	0.1951+0.0149
175	860309	0.0780+0.0638	0.0588+0.1163	0.0000+0.0011	0.0360+0.0050
175	860315	0.0457+0.0591	0.0000+0.1072	0.0012+0.0012	0.0509+0.0056
175	860321	0.0774+0.0685	0.0000+0.1231	0.0008+0.0013	0.0818+0.0075
175	860327	0.0000+0.0867	0.0000+0.1586	0.0000+0.0016	0.1274+0.0108
175	860402	0.0000+0.0548	0.1833+0.1037	0.0000+0.0009	0.0086+0.0036
175	860408	0.0523+0.0717	0.0000+0.1279	0.0001+0.0014	0.1302+0.0111
175	860414	0.0757+0.0597	0.1670+0.1091	0.0000+0.0010	0.1417+0.0116
175	860420	0.0922+0.0527	0.0000+0.0959	0.0000+0.0009	0.1030+0.0088
175	860426	0.0183+0.0621	0.1071+0.1140	0.0014+0.0013	0.1755+0.0139
175	860502	0.1013+0.0638	0.1652+0.1153	0.0009+0.0012	0.1797+0.0142
175	860508	0.0000+0.0692	0.0000+0.1251	0.0000+0.0012	0.1237+0.0106
175	860514	0.0566+0.0653	0.0495+0.1175	0.0000+0.0011	0.1600+0.0129
175	860520	0.0109+0.0802	0.0000+0.1438	0.0003+0.0015	0.2051+0.0162
175	860526	0.0000+0.0745	0.0485+0.1374	0.0000+0.0014	0.1392+0.0117
175	860601	0.0448+0.0815	0.1795+0.1495	0.0006+0.0015	0.1383+0.0119
175	860607	0.1263+0.0708	0.0000+0.1237	0.0013+0.0014	0.1938+0.0153
175	860613	0.0579+0.0744	0.0000+0.1330	0.0005+0.0014	0.2119+0.0166
175	860619	0.0782+0.0726	0.0629+0.1301	0.0008+0.0014	0.1577+0.0129
175	860625	0.0810+0.0815	0.0309+0.1460	0.0008+0.0015	0.2216+0.0174

PM10 CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	BA	LA	HG	PB
175	860701	0.0947+0.0635	0.1458+0.1146	0.0000+0.0011	0.1485+0.0120
175	860707	0.0000+0.0805	0.0000+0.1474	0.0012+0.0016	0.1626+0.0134
175	860713	0.0867+0.0682	0.0000+0.1206	0.0010+0.0012	0.1194+0.0102
175	860719	0.0891+0.0623	0.1806+0.1133	0.0006+0.0011	0.1928+0.0151
175	860725	0.0111+0.0782	0.0000+0.1407	0.0000+0.0014	0.1665+0.0136
175	860731	0.0910+0.0698	0.0469+0.1244	0.0000+0.0012	0.1934+0.0152
175	860806	0.0770+0.0805	0.0000+0.1433	0.0000+0.0015	0.1502+0.0126
175	860812	0.0319+0.0846	0.0000+0.1517	0.0016+0.0016	0.2085+0.0165
175	860818	0.0000+0.0586	0.2069+0.1067	0.0000+0.0010	0.1550+0.0124
175	860824	0.0174+0.0715	0.0617+0.1301	0.0009+0.0014	0.1936+0.0153
175	860830	0.1101+0.0555	0.1940+0.1006	0.0016+0.0011	0.1260+0.0103
175	860905	0.1361+0.0724	0.0263+0.1272	0.0000+0.0012	0.2938+0.0222
175	860911	0.0928+0.0604	0.0458+0.1069	0.0002+0.0011	0.1764+0.0139
175	860917	0.0862+0.0606	0.0000+0.1066	0.0000+0.0011	0.1635+0.0131
175	860923	0.0851+0.0618	0.1763+0.1124	0.0000+0.0011	0.0504+0.0058
175	860929	0.0303+0.0645	0.1069+0.1179	0.0003+0.0013	0.2010+0.0157
175	861005	0.0000+0.0743	0.1880+0.1379	0.0009+0.0014	0.0803+0.0080
175	861011	0.0545+0.0611	0.1128+0.1111	0.0014+0.0012	0.0964+0.0086
175	861017	0.0000+0.0661	0.1474+0.1230	0.0022+0.0014	0.1784+0.0142
175	861023	0.0000+0.0634	0.0369+0.1155	0.0010+0.0012	0.2138+0.0166
175	861029	0.0183+0.0761	0.0000+0.1360	0.0010+0.0016	0.4526+0.0335
175	861104	0.0337+0.0637	0.0056+0.1144	0.0006+0.0012	0.1667+0.0133
175	861110	0.0106+0.0690	0.1186+0.1265	0.0005+0.0014	0.1297+0.0110
175	861116	0.0000+0.0757	0.1636+0.1425	0.0000+0.0014	0.1380+0.0118
175	861122	0.0000+0.0626	0.0666+0.1127	0.0000+0.0011	0.0887+0.0081
175	861128	0.0000+0.0589	0.0474+0.1005	0.0016+0.0011	0.1305+0.0107
175	861204	0.0436+0.0921	0.0000+0.1619	0.0000+0.0017	0.3188+0.0243
175	861210	0.0000+0.0624	0.1916+0.1106	0.0000+0.0011	0.1113+0.0096
175	861216	0.0465+0.0751	0.0000+0.1313	0.0000+0.0014	0.1621+0.0133
175	861222	0.0775+0.0657	0.1521+0.1170	0.0000+0.0013	0.0939+0.0086
175	861228	0.0156+0.0827	0.0000+0.1462	0.0006+0.0016	0.1000+0.0094

## Part G

PM<sub>10</sub> Concentrations Measured at Anaheim

This section contains data on PM<sub>10</sub> mass concentration and chemical composition measured at Anaheim. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule over the period August 1985 - December 1986. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following PM<sub>10</sub> ( $d_p < 10 \mu\text{m AD}$ ) aerosol species: PM<sub>10</sub> mass, organic carbon (OC), elemental carbon (EC), total carbon (TC = OC + EC), NO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>, SO<sub>4</sub><sup>=</sup>, NH<sub>4</sub><sup>+</sup>, Na<sup>+</sup>, Mg<sup>++</sup>, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.99 \pm -9.99$  and by  $-9.999 + -9.999$ .

Values preceeded by the symbol < are determined to be below their detection limit. In that case, the measured concentration is bounded up to the sample detection limit and the error bound is determined by statistically propagating the sampling and analysis precisions for that sample. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol < has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by Cl<sup>-</sup>, while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Water soluble PM<sub>10</sub> Br<sup>-</sup> aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	MASS	OC	EC	TC	NH4+
176	850805	42.29+- 2.88	8.32+- 0.66	1.47+- 0.32	9.79+- 0.29	2.21+- 0.09
176	850811	28.59+- 2.82	5.51+- 0.52	0.48+- 0.26	5.99+- 0.18	2.29+- 0.09
176	850817	109.69+- 2.95	4.58+- 0.47	0.72+- 0.28	5.30+- 0.16	2.06+- 0.08
176	850823	59.43+- 2.84	9.93+- 0.74	3.87+- 0.44	13.80+- 0.41	1.33+- 0.05
176	850829	59.39+- 2.87	11.74+- 0.83	2.13+- 0.35	13.87+- 0.42	2.36+- 0.09
176	850904	21.46+- 2.83	4.91+- 0.49	1.23+- 0.31	6.14+- 0.18	0.70+- 0.03
176	850910	27.05+- 2.82	4.16+- 0.45	1.35+- 0.31	5.51+- 0.17	0.30+- 0.01
176	850916	51.07+- 2.83	4.81+- 0.48	0.84+- 0.28	5.65+- 0.17	1.39+- 0.06
176	850922	41.34+- 2.82	8.13+- 0.65	1.33+- 0.31	9.46+- 0.28	1.47+- 0.06
176	850928	22.67+- 2.87	5.81+- 0.54	0.87+- 0.29	6.68+- 0.20	1.25+- 0.05
176	851004	49.04+- 2.90	10.95+- 0.79	2.95+- 0.39	13.90+- 0.42	1.36+- 0.05
176	851010	31.27+- 2.88	8.50+- 0.67	2.59+- 0.38	11.09+- 0.33	0.51+- 0.02
176	851016	43.81+- 2.88	8.98+- 0.69	2.34+- 0.36	11.31+- 0.34	1.02+- 0.04
176	851022	28.10+- 2.88	7.89+- 0.64	2.22+- 0.36	10.11+- 0.30	0.99+- 0.04
176	851028	45.44+- 2.88	10.50+- 0.77	1.98+- 0.35	12.48+- 0.37	4.44+- 0.18
176	851103	88.35+- 2.92	19.98+- 1.24	2.31+- 0.36	22.30+- 0.67	6.21+- 0.25
176	851109	29.70+- 2.86	4.40+- 0.47	0.74+- 0.28	5.14+- 0.15	0.57+- 0.02
176	851115	39.29+- 2.87	12.10+- 0.85	3.62+- 0.43	15.71+- 0.47	1.41+- 0.06
176	851121	62.11+- 2.89	14.10+- 0.95	3.34+- 0.41	17.43+- 0.52	5.06+- 0.20
176	851127	30.70+- 2.85	6.69+- 0.58	1.74+- 0.33	8.43+- 0.25	3.11+- 0.12
176	851203	32.48+- 2.88	9.84+- 0.74	2.83+- 0.39	12.67+- 0.38	2.22+- 0.09
176	851209	51.68+- 2.89	15.37+- 1.01	3.56+- 0.42	18.93+- 0.57	2.36+- 0.09
176	851215	93.87+- 2.88	24.15+- 1.45	5.02+- 0.50	29.18+- 0.88	7.98+- 0.32
176	851221	78.70+- 2.93	16.71+- 1.08	3.93+- 0.44	20.64+- 0.62	5.96+- 0.24
176	851227	112.70+- 2.99	17.82+- 1.14	3.69+- 0.43	21.51+- 0.65	13.50+- 0.54

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	MASS	OC	EC	TC	NH4+
176	860102	89.39+- 2.95	11.14+- 0.80	3.21+- 0.41	14.36+- 0.43	12.59+- 0.50
176	860108	25.60+- 2.87	6.29+- 0.56	2.16+- 0.35	8.45+- 0.25	0.23+- 0.01
176	860114	47.76+- 2.88	9.21+- 0.70	2.89+- 0.39	12.10+- 0.36	1.45+- 0.06
176	860120	65.07+- 2.89	11.05+- 0.80	2.63+- 0.38	13.67+- 0.41	6.93+- 0.28
176	860126	73.04+- 2.91	18.57+- 1.17	4.74+- 0.48	23.31+- 0.70	4.09+- 0.16
176	860201	33.24+- 2.88	8.72+- 0.68	1.98+- 0.34	10.71+- 0.32	2.41+- 0.10
176	860207	33.64+- 2.85	7.06+- 0.60	2.27+- 0.36	9.33+- 0.28	0.30+- 0.01
176	860213	34.11+- 2.85	5.55+- 0.52	1.83+- 0.33	7.37+- 0.22	3.19+- 0.13
176	860219	30.49+- 2.81	5.33+- 0.50	1.28+- 0.30	6.61+- 0.20	0.75+- 0.03
176	860225	84.88+- 2.87	18.69+- 1.17	5.71+- 0.52	24.40+- 0.73	4.83+- 0.19
176	860303	56.04+- 2.86	10.84+- 0.78	2.75+- 0.38	13.59+- 0.41	4.46+- 0.18
176	860309	32.29+- 2.84	4.74+- 0.48	0.56+- 0.27	5.29+- 0.16	0.52+- 0.02
176	860315	22.68+- 2.82	4.49+- 0.46	0.39+- 0.26	4.87+- 0.15	0.45+- 0.02
176	860321	38.53+- 2.81	11.23+- 0.80	4.11+- 0.44	15.33+- 0.46	1.03+- 0.04
176	860327	121.35+- 2.95	22.04+- 1.34	3.64+- 0.42	25.67+- 0.77	10.98+- 0.44
176	860402	31.68+- 2.82	5.67+- 0.52	0.87+- 0.28	6.55+- 0.20	0.76+- 0.03
176	860408	17.16+- 2.80	5.94+- 0.54	1.76+- 0.33	7.71+- 0.23	0.74+- 0.03
176	860414	35.88+- 2.85	7.83+- 0.63	1.67+- 0.32	9.50+- 0.28	1.40+- 0.06
176	860420	31.32+- 2.81	7.93+- 0.63	1.35+- 0.31	9.27+- 0.28	0.69+- 0.03
176	860426	45.59+- 2.82	7.76+- 0.63	1.08+- 0.29	8.84+- 0.27	1.98+- 0.08
176	860502	45.13+- 2.80	8.78+- 0.68	2.36+- 0.36	11.14+- 0.33	1.25+- 0.05
176	860508	40.15+- 2.81	7.24+- 0.60	1.61+- 0.32	8.85+- 0.27	1.03+- 0.04
176	860514	46.49+- 2.82	5.54+- 0.52	0.79+- 0.28	6.33+- 0.19	2.30+- 0.09
176	860520	44.37+- 2.83	6.40+- 0.56	0.91+- 0.28	7.31+- 0.22	2.78+- 0.11
176	860526	42.49+- 2.83	6.49+- 0.56	0.92+- 0.29	7.41+- 0.22	3.15+- 0.13
176	860601	32.76+- 2.84	5.78+- 0.53	0.62+- 0.27	6.41+- 0.19	2.31+- 0.09
176	860607	36.89+- 2.82	6.60+- 0.57	0.74+- 0.28	7.34+- 0.22	1.75+- 0.07
176	860613	56.24+- 2.84	9.00+- 0.69	1.39+- 0.31	10.38+- 0.31	2.67+- 0.11
176	860619	49.37+- 2.84	9.24+- 0.70	1.45+- 0.31	10.68+- 0.32	1.81+- 0.07
176	860625	72.68+- 2.85	9.92+- 0.74	1.55+- 0.32	11.47+- 0.34	4.73+- 0.19

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	MASS	OC	EC	TC	NH4+
176	860701	35.59+- 2.81	5.95+- 0.54	1.71+- 0.32	7.67+- 0.23	1.20+- 0.05
176	860707	34.68+- 2.81	6.20+- 0.55	1.63+- 0.32	7.83+- 0.23	1.21+- 0.05
176	860713	36.87+- 2.82	7.81+- 0.63	1.53+- 0.32	9.34+- 0.28	2.14+- 0.09
176	860719	46.99+- 2.83	7.82+- 0.63	2.45+- 0.36	10.26+- 0.31	1.24+- 0.05
176	860725	27.48+- 2.79	4.53+- 0.46	1.18+- 0.30	5.70+- 0.17	1.54+- 0.06
176	860731	72.86+- 2.86	9.64+- 0.72	3.30+- 0.40	12.95+- 0.39	6.16+- 0.25
176	860806	43.99+- 2.83	6.78+- 0.58	1.79+- 0.33	8.56+- 0.26	2.28+- 0.09
176	860812	46.86+- 2.83	7.87+- 0.63	2.63+- 0.37	10.50+- 0.31	3.54+- 0.14
176	860818	49.48+- 2.83	10.41+- 0.76	3.59+- 0.42	14.00+- 0.42	1.38+- 0.06
176	860824	41.38+- 2.82	6.32+- 0.56	0.95+- 0.29	7.27+- 0.22	2.21+- 0.09
176	860830	43.60+- 2.82	6.23+- 0.55	1.28+- 0.30	7.50+- 0.23	2.10+- 0.08
176	860905	66.29+- 2.83	10.59+- 0.77	2.95+- 0.39	13.54+- 0.41	4.67+- 0.19
176	860911	49.22+- 2.82	7.30+- 0.60	1.87+- 0.33	9.18+- 0.28	1.88+- 0.08
176	860917	116.79+- 2.93	10.99+- 0.79	2.92+- 0.39	13.91+- 0.42	0.96+- 0.04
176	860923	46.37+- 2.82	5.91+- 0.54	1.96+- 0.34	7.87+- 0.24	0.84+- 0.03
176	860929	39.88+- 2.82	7.76+- 0.63	2.13+- 0.35	9.89+- 0.30	1.41+- 0.06
176	861005	28.10+- 2.82	7.59+- 0.62	1.65+- 0.32	9.24+- 0.28	1.33+- 0.05
176	861011	32.33+- 2.83	6.32+- 0.56	1.12+- 0.30	7.44+- 0.22	1.93+- 0.08
176	861017	45.61+- 2.84	7.74+- 0.63	2.11+- 0.35	9.85+- 0.30	2.28+- 0.09
176	861023	63.99+- 2.85	9.16+- 0.70	2.69+- 0.37	11.86+- 0.36	4.83+- 0.19
176	861029	114.98+- 2.93	18.34+- 1.16	6.04+- 0.54	24.38+- 0.73	10.74+- 0.43
176	861104	59.90+- 2.85	12.14+- 0.85	4.56+- 0.47	16.70+- 0.50	2.09+- 0.08
176	861110	33.69+- 2.81	8.76+- 0.68	3.66+- 0.42	12.42+- 0.37	0.49+- 0.02
176	861116	56.17+- 2.84	10.96+- 0.79	2.97+- 0.39	13.94+- 0.42	4.89+- 0.20
176	861122	46.37+- 2.82	12.62+- 0.87	4.51+- 0.46	17.14+- 0.51	3.07+- 0.12
176	861128	66.16+- 2.84	13.20+- 0.90	4.31+- 0.45	17.51+- 0.53	7.26+- 0.29
176	861204	129.67+- 2.98	21.39+- 1.31	9.18+- 0.70	30.57+- 0.92	11.87+- 0.47
176	861210	86.98+- 2.88	19.84+- 1.23	6.17+- 0.55	26.02+- 0.78	7.80+- 0.31
176	861216	61.70+- 2.84	14.30+- 0.96	5.53+- 0.52	19.83+- 0.59	3.61+- 0.14
176	861222	57.64+- 2.85	14.62+- 0.97	6.31+- 0.56	20.94+- 0.63	2.51+- 0.10
176	861228	79.70+- 2.89	16.88+- 1.09	3.70+- 0.43	20.58+- 0.62	8.89+- 0.36

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	CL-	NO3-	SO4=	NA+
176	850805	0.65+- 0.08	2.91+- 0.18	7.95+- 0.38	1.48+- 0.12
176	850811	0.53+- 0.06	3.86+- 0.23	8.22+- 0.39	2.00+- 0.15
176	850817	0.25+- 0.03	1.15+- 0.07	6.60+- 0.32	0.68+- 0.06
176	850823	1.62+- 0.19	6.59+- 0.40	5.35+- 0.26	3.02+- 0.22
176	850829	0.27+- 0.03	6.96+- 0.42	8.86+- 0.43	2.98+- 0.22
176	850904	1.60+- 0.19	2.51+- 0.16	2.91+- 0.14	1.75+- 0.14
176	850910	2.35+- 0.28	1.80+- 0.11	2.17+- 0.10	1.63+- 0.13
176	850916	2.52+- 0.30	8.10+- 0.48	5.20+- 0.25	3.94+- 0.28
176	850922	0.73+- 0.09	4.65+- 0.28	4.04+- 0.19	1.75+- 0.14
176	850928	0.85+- 0.10	1.94+- 0.12	4.07+- 0.20	0.98+- 0.08
176	851004	0.36+- 0.04	3.58+- 0.22	4.30+- 0.21	0.72+- 0.07
176	851010	0.50+- 0.06	2.12+- 0.13	2.01+- 0.10	0.68+- 0.06
176	851016	1.03+- 0.12	4.07+- 0.25	2.91+- 0.14	1.04+- 0.09
176	851022	0.49+- 0.06	3.60+- 0.22	1.98+- 0.10	0.73+- 0.07
176	851028	0.23+- 0.03	6.59+- 0.40	9.61+- 0.46	0.90+- 0.08
176	851103	0.21+- 0.02	19.42+- 1.15	5.14+- 0.25	0.76+- 0.07
176	851109	4.72+- 0.56	3.30+- 0.20	2.62+- 0.13	3.83+- 0.28
176	851115	0.33+- 0.04	5.06+- 0.31	1.25+- 0.06	0.39+- 0.04
176	851121	0.51+- 0.06	16.91+- 1.00	2.38+- 0.11	0.70+- 0.07
176	851127	0.45+- 0.05	6.30+- 0.38	4.84+- 0.23	0.95+- 0.08
176	851203	0.67+- 0.08	5.13+- 0.31	1.97+- 0.09	0.31+- 0.04
176	851209	0.87+- 0.10	7.54+- 0.45	2.01+- 0.10	0.67+- 0.06
176	851215	0.41+- 0.05	26.11+- 1.55	3.01+- 0.14	0.99+- 0.09
176	851221	0.56+- 0.07	19.89+- 1.18	2.14+- 0.10	0.53+- 0.05
176	851227	0.75+- 0.09	34.21+- 2.03	9.04+- 0.43	0.58+- 0.06

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
176	860102	1.00+- 0.17	30.76+- 1.29	9.17+- 0.44	0.74+- 0.05	0.12+- 0.01
176	860108	0.09+- 0.02	1.97+- 0.08	0.65+- 0.03	0.14+- 0.01	0.09+- 0.01
176	860114	1.42+- 0.25	5.19+- 0.22	2.86+- 0.14	1.63+- 0.11	0.24+- 0.02
176	860120	0.68+- 0.12	13.09+- 0.55	8.91+- 0.43	0.73+- 0.05	0.12+- 0.01
176	860126	0.28+- 0.05	13.58+- 0.57	2.34+- 0.11	0.57+- 0.04	0.14+- 0.01
176	860201	2.20+- 0.38	6.50+- 0.27	2.86+- 0.14	1.83+- 0.13	0.21+- 0.02
176	860207	0.68+- 0.12	2.12+- 0.09	1.08+- 0.05	0.81+- 0.06	0.12+- 0.01
176	860213	0.27+- 0.05	8.84+- 0.37	1.48+- 0.07	0.16+- 0.01	0.04+- 0.00
176	860219	3.21+- 0.55	2.08+- 0.09	1.88+- 0.09	2.07+- 0.14	0.27+- 0.02
176	860225	0.26+- 0.05	13.97+- 0.59	4.04+- 0.19	0.86+- 0.06	0.17+- 0.01
176	860303	0.33+- 0.06	7.24+- 0.30	7.11+- 0.34	0.72+- 0.05	0.12+- 0.01
176	860309	4.23+- 0.72	3.06+- 0.13	1.76+- 0.08	3.25+- 0.22	0.40+- 0.03
176	860315	1.60+- 0.28	2.19+- 0.09	1.17+- 0.06	1.38+- 0.10	0.18+- 0.02
176	860321	0.12+- 0.03	3.08+- 0.13	1.53+- 0.07	0.26+- 0.02	0.08+- 0.01
176	860327	< 0.05+- 0.02	13.29+- 0.56	19.10+- 0.92	0.43+- 0.03	0.12+- 0.01
176	860402	2.67+- 0.46	3.98+- 0.17	2.86+- 0.14	2.85+- 0.20	0.36+- 0.03
176	860408	0.41+- 0.08	2.16+- 0.09	1.89+- 0.09	0.76+- 0.05	0.12+- 0.01
176	860414	0.37+- 0.07	5.36+- 0.23	3.17+- 0.15	1.37+- 0.10	0.19+- 0.02
176	860420	0.10+- 0.02	1.54+- 0.06	1.90+- 0.09	0.23+- 0.02	0.09+- 0.01
176	860426	0.76+- 0.13	7.39+- 0.31	5.97+- 0.29	2.43+- 0.17	0.32+- 0.03
176	860502	0.81+- 0.14	4.45+- 0.19	4.26+- 0.20	2.68+- 0.19	0.29+- 0.02
176	860508	0.90+- 0.16	5.87+- 0.25	2.36+- 0.11	1.93+- 0.13	0.28+- 0.02
176	860514	0.89+- 0.16	6.41+- 0.27	6.59+- 0.32	3.04+- 0.21	0.36+- 0.03
176	860520	0.21+- 0.04	4.70+- 0.20	8.73+- 0.42	2.60+- 0.18	0.35+- 0.03
176	860526	0.09+- 0.02	5.07+- 0.21	8.08+- 0.39	2.07+- 0.14	0.29+- 0.02
176	860601	0.23+- 0.05	3.57+- 0.15	6.37+- 0.31	1.30+- 0.09	0.18+- 0.02
176	860607	0.64+- 0.11	4.97+- 0.21	4.85+- 0.23	2.11+- 0.15	0.27+- 0.02
176	860613	0.41+- 0.08	6.45+- 0.27	8.02+- 0.38	2.57+- 0.18	0.34+- 0.03
176	860619	0.71+- 0.13	6.47+- 0.27	5.20+- 0.25	2.73+- 0.19	0.35+- 0.03
176	860625	0.08+- 0.02	3.38+- 0.14	13.95+- 0.67	1.10+- 0.08	0.20+- 0.02



PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
176	860701	0.34+- 0.06	5.20+- 0.22	4.79+- 0.23	2.31+- 0.16	0.30+- 0.03
176	860707	0.31+- 0.06	3.48+- 0.15	3.92+- 0.19	1.39+- 0.10	0.20+- 0.02
176	860713	0.06+- 0.02	1.85+- 0.08	6.53+- 0.31	0.81+- 0.06	0.13+- 0.01
176	860719	0.42+- 0.08	5.26+- 0.22	4.29+- 0.21	2.12+- 0.15	0.29+- 0.02
176	860725	0.32+- 0.06	2.24+- 0.09	5.17+- 0.25	1.12+- 0.08	0.16+- 0.01
176	860731	0.09+- 0.02	4.25+- 0.18	17.25+- 0.83	1.12+- 0.08	0.19+- 0.02
176	860806	0.10+- 0.02	2.81+- 0.12	7.59+- 0.36	1.36+- 0.10	0.20+- 0.02
176	860812	0.10+- 0.02	2.67+- 0.11	11.15+- 0.54	1.13+- 0.08	0.18+- 0.02
176	860818	0.21+- 0.04	3.17+- 0.13	4.26+- 0.20	1.16+- 0.08	0.20+- 0.02
176	860824	0.29+- 0.06	5.44+- 0.23	7.57+- 0.36	2.46+- 0.17	0.29+- 0.03
176	860830	0.56+- 0.10	6.64+- 0.28	6.97+- 0.33	3.04+- 0.21	0.39+- 0.03
176	860905	0.10+- 0.02	4.59+- 0.19	14.18+- 0.68	1.47+- 0.10	0.23+- 0.02
176	860911	0.40+- 0.07	6.11+- 0.26	6.40+- 0.31	2.32+- 0.16	0.32+- 0.03
176	860917	0.87+- 0.15	4.43+- 0.19	3.16+- 0.15	1.74+- 0.12	0.40+- 0.03
176	860923	2.28+- 0.39	3.20+- 0.13	2.82+- 0.14	1.84+- 0.13	0.24+- 0.02
176	860929	0.07+- 0.02	3.83+- 0.16	3.33+- 0.16	0.84+- 0.06	0.15+- 0.01
176	861005	0.10+- 0.02	2.31+- 0.10	2.73+- 0.13	0.32+- 0.03	0.09+- 0.01
176	861011	0.21+- 0.04	2.78+- 0.12	5.11+- 0.25	0.92+- 0.07	0.13+- 0.01
176	861017	0.27+- 0.05	4.07+- 0.17	5.42+- 0.26	0.91+- 0.07	0.16+- 0.01
176	861023	0.22+- 0.04	11.85+- 0.50	6.28+- 0.30	1.17+- 0.08	0.18+- 0.02
176	861029	0.44+- 0.08	22.46+- 0.94	13.64+- 0.65	1.35+- 0.10	0.22+- 0.02
176	861104	0.64+- 0.11	8.44+- 0.35	3.67+- 0.18	1.53+- 0.11	0.26+- 0.02
176	861110	0.12+- 0.03	2.11+- 0.09	1.01+- 0.05	0.31+- 0.02	0.13+- 0.01
176	861116	0.07+- 0.02	15.36+- 0.65	2.83+- 0.14	0.40+- 0.03	0.10+- 0.01
176	861122	0.09+- 0.02	8.39+- 0.35	3.32+- 0.16	0.51+- 0.04	0.10+- 0.01
176	861128	0.12+- 0.03	23.28+- 0.98	2.70+- 0.13	0.45+- 0.03	0.12+- 0.01
176	861204	0.91+- 0.16	38.23+- 1.61	3.87+- 0.19	0.59+- 0.04	0.19+- 0.02
176	861210	0.35+- 0.06	24.81+- 1.04	3.08+- 0.15	0.31+- 0.02	0.12+- 0.01
176	861216	0.60+- 0.11	10.64+- 0.45	3.65+- 0.18	0.99+- 0.07	0.19+- 0.02
176	861222	0.38+- 0.07	7.40+- 0.31	2.90+- 0.14	0.54+- 0.04	0.16+- 0.01
176	861228	0.26+- 0.05	27.14+- 1.14	3.07+- 0.15	0.55+- 0.04	0.12+- 0.01

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	AL	SI	P	S	CL	K
176	850805	0.9076+0.1110	2.3324+0.3027	0.1633+0.0332	2.9166+0.1557	0.4004+0.0261	0.4045+0.0228
176	850811	0.6308+0.0776	1.4210+0.1847	0.1218+0.0248	2.9541+0.1570	0.3808+0.0248	0.3041+0.0178
176	850817	0.5470+0.0679	1.1990+0.1560	0.0947+0.0197	2.2432+0.1223	0.1040+0.0138	0.3359+0.0195
176	850823	1.6024+0.1948	4.3904+0.5691	0.1781+0.0360	2.1216+0.1174	1.7569+0.0934	0.6475+0.0350
176	850829	1.2455+0.1517	3.3339+0.4323	0.1876+0.0380	3.3381+0.1769	0.3636+0.0243	0.6348+0.0343
176	850904	0.3572+0.0452	0.8879+0.1157	0.0692+0.0148	1.2165+0.0711	1.5319+0.0822	0.2224+0.0138
176	850910	0.7902+0.0968	1.7954+0.2331	0.0994+0.0204	1.0211+0.0602	2.2713+0.1190	0.7480+0.0400
176	850916	0.9458+0.1155	2.0048+0.2602	0.1296+0.0264	2.0543+0.1119	2.6533+0.1384	0.4300+0.0240
176	850922	0.8462+0.1037	2.2299+0.2894	0.1323+0.0270	1.5854+0.0894	0.7933+0.0452	0.4813+0.0267
176	850928	0.3782+0.0474	0.9975+0.1299	0.0894+0.0185	1.5209+0.0855	0.7565+0.0432	0.1851+0.0119
176	851004	1.5025+0.1828	4.1540+0.5385	0.1582+0.0322	1.6687+0.0945	0.3540+0.0240	0.6037+0.0330
176	851010	1.0812+0.1319	2.8328+0.3674	0.1163+0.0238	0.8360+0.0533	0.5130+0.0310	0.4208+0.0236
176	851016	1.3338+0.1623	3.6050+0.4674	0.1389+0.0283	1.2087+0.0703	1.0001+0.0552	0.6466+0.0349
176	851022	0.4224+0.0525	0.9819+0.1278	0.0830+0.0170	0.8383+0.0522	0.4198+0.0262	0.1899+0.0120
176	851028	0.8194+0.1004	1.8103+0.2351	0.1485+0.0302	3.1739+0.1686	0.0995+0.0127	0.3140+0.0182
176	851103	1.4386+0.1750	3.7633+0.4879	0.1899+0.0384	2.0603+0.1144	0.1916+0.0163	0.6800+0.0366
176	851109	0.6715+0.0890	1.7568+0.2441	0.0852+0.0178	1.2349+0.0939	5.0750+0.3617	0.3687+0.0278
176	851115	0.9286+0.1224	2.7691+0.3844	0.0781+0.0165	0.6455+0.0570	0.3845+0.0311	0.4085+0.0306
176	851121	0.9780+0.1289	2.7191+0.3776	0.0815+0.0171	1.0109+0.0801	0.6214+0.0477	0.4450+0.0332
176	851127	0.3623+0.0488	0.9446+0.1317	0.0690+0.0146	1.8479+0.1375	0.3390+0.0282	0.1807+0.0146
176	851203	0.3528+0.0479	1.0245+0.1427	0.0560+0.0120	0.7792+0.0654	0.5912+0.0458	0.1980+0.0159
176	851209	0.8545+0.1129	2.4336+0.3380	0.0829+0.0174	0.9886+0.0781	0.7436+0.0563	0.4586+0.0342
176	851215	0.8238+0.1091	2.2985+0.3194	0.1093+0.0228	1.1816+0.0967	0.6526+0.0502	0.4822+0.0358
176	851221	1.2912+0.1700	3.6667+0.5092	0.0983+0.0206	0.9170+0.0792	0.6097+0.0474	0.5883+0.0435
176	851227	1.0421+0.1376	2.7494+0.3820	0.1339+0.0279	3.5180+0.2573	0.6715+0.0524	0.4506+0.0338

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	AL	SI	P	S	CL	K
176	860102	0.5773+0.0759	1.4003+0.1927	0.1091+0.0227	3.6276+0.2551	0.8825+0.0660	0.3286+0.0251
176	860108	0.8179+0.1065	2.1892+0.3007	0.0453+0.0099	0.2334+0.0382	0.1528+0.0179	0.2968+0.0229
176	860114	1.0617+0.1377	2.8906+0.3967	0.0832+0.0175	1.2937+0.1013	1.6446+0.1158	0.4990+0.0364
176	860120	0.6969+0.0908	1.7752+0.2438	0.1026+0.0213	3.4113+0.2382	0.4407+0.0363	0.2977+0.0227
176	860126	1.1556+0.1498	3.2043+0.4397	0.1053+0.0220	0.9547+0.0880	0.3121+0.0289	0.5340+0.0387
176	860201	0.3275+0.0441	0.8195+0.1130	0.0747+0.0157	1.2796+0.1003	2.4317+0.1686	0.2305+0.0184
176	860207	0.9335+0.1210	2.5580+0.3508	0.0507+0.0108	0.5233+0.0517	0.8163+0.0601	0.4119+0.0303
176	860213	0.2874+0.0385	0.3044+0.0424	0.0475+0.0101	0.7618+0.0628	0.2616+0.0236	0.0830+0.0083
176	860219	0.2816+0.0380	0.6438+0.0887	0.0595+0.0126	0.9551+0.0761	3.4414+0.2336	0.2000+0.0162
176	860225	1.4797+0.1908	4.1910+0.5736	0.1281+0.0266	1.7863+0.1334	0.4297+0.0356	0.5958+0.0424
176	860303	0.9158+0.1188	2.3468+0.3218	0.1048+0.0218	2.8715+0.2024	0.1397+0.0185	0.3622+0.0271
176	860309	0.2130+0.0290	0.4643+0.0643	0.0689+0.0145	0.9186+0.0731	4.3140+0.2926	0.2364+0.0186
176	860315	0.4024+0.0531	0.6878+0.0948	0.0361+0.0079	0.5663+0.0500	1.8078+0.1257	0.1644+0.0138
176	860321	1.1357+0.1468	3.1168+0.4268	0.0657+0.0140	0.7029+0.0625	0.1592+0.0185	0.4516+0.0329
176	860327	1.5556+0.2006	4.0515+0.5548	0.1993+0.0411	7.3898+0.5011	0.0810+0.0205	0.5951+0.0424
176	860402	1.0394+0.1368	2.8493+0.3963	0.0872+0.0184	1.4459+0.1131	3.0933+0.2236	0.4636+0.0356
176	860408	0.5072+0.0676	1.2382+0.1725	0.0477+0.0103	0.9110+0.0771	0.5478+0.0444	0.2075+0.0175
176	860414	0.8560+0.1131	2.5730+0.3585	0.0720+0.0152	1.3492+0.1066	0.4398+0.0369	0.4130+0.0320
176	860420	1.1373+0.1494	3.0690+0.4266	0.0747+0.0157	0.8768+0.0739	0.2068+0.0204	0.4393+0.0337
176	860426	1.0461+0.1376	2.8936+0.4024	0.0895+0.0187	2.3159+0.1739	0.5818+0.0469	0.5006+0.0380
176	860502	1.5940+0.2087	4.1226+0.5725	0.1154+0.0241	1.8031+0.1411	1.0274+0.0780	0.6421+0.0479
176	860508	1.0936+0.1438	3.1885+0.4425	0.0787+0.0166	1.1421+0.0932	1.1684+0.0878	0.4860+0.0371
176	860514	1.0735+0.1411	2.7777+0.3862	0.0993+0.0208	2.8150+0.2087	1.0405+0.0790	0.4783+0.0365
176	860520	0.9127+0.1203	2.4938+0.3470	0.1027+0.0215	4.0157+0.2933	0.3160+0.0296	0.4721+0.0361
176	860526	0.9286+0.1224	2.4985+0.3477	0.1101+0.0230	3.5378+0.2597	0.1401+0.0185	0.4452+0.0342
176	860601	0.8118+0.1073	1.9292+0.2689	0.0748+0.0158	2.4243+0.1822	0.4011+0.0346	0.3193+0.0254
176	860607	0.7788+0.1029	2.1631+0.3010	0.0728+0.0154	2.0380+0.1548	0.7836+0.0610	0.3827+0.0298
176	860613	1.0157+0.1337	2.7477+0.3823	0.1031+0.0216	3.0064+0.2235	0.5081+0.0424	0.4662+0.0357
176	860619	1.2125+0.1595	3.4755+0.4836	0.1014+0.0213	2.3016+0.1740	1.1151+0.0846	0.5855+0.0442
176	860625	3.2542+0.4252	8.5408+1.1863	0.2074+0.0431	4.9644+0.3605	0.1938+0.0234	1.2227+0.0889

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	AL	SI	P	S	CL	K
176	860701	0.8618+0.1136	2.2825+0.3175	0.0806+0.0170	2.1570+0.1619	0.5872+0.0470	0.6325+0.0473
176	860707	0.8208+0.1082	1.9571+0.2723	0.0835+0.0175	1.8252+0.1390	0.6136+0.0489	0.3900+0.0302
176	860713	0.9562+0.1260	2.4297+0.3381	0.0742+0.0157	2.3930+0.1790	0.2013+0.0212	0.4262+0.0328
176	860719	1.2154+0.1597	3.1399+0.4366	0.1102+0.0231	1.8497+0.1421	0.6546+0.0518	0.5258+0.0398
176	860725	0.7036+0.0929	1.7510+0.2436	0.0732+0.0155	1.8938+0.1435	0.4840+0.0399	0.2957+0.0235
176	860731	1.6334+0.2143	4.1653+0.5792	0.1976+0.0410	6.1607+0.4453	0.1247+0.0214	0.6264+0.0471
176	860806	1.9245+0.2522	5.1357+0.7140	0.0270+0.0136	2.8244+0.2095	0.2108+0.0224	0.9480+0.0697
176	860812	1.2228+0.1607	2.9554+0.4110	0.0284+0.0143	4.1523+0.3035	0.1271+0.0193	0.5128+0.0390
176	860818	2.2183+0.2904	5.7646+0.8011	0.0295+0.0148	1.8974+0.1470	0.3483+0.0317	0.8359+0.0618
176	860824	0.7013+0.0929	1.9040+0.2650	0.0104+0.0052	2.7073+0.2012	0.3090+0.0288	0.5115+0.0389
176	860830	0.8118+0.1072	2.1700+0.3019	0.0092+0.0045	2.8926+0.2139	0.5853+0.0474	0.4364+0.0336
176	860905	1.6719+0.2190	4.2881+0.5956	0.0320+0.0320	5.1319+0.3709	0.1775+0.0225	0.8294+0.0611
176	860911	1.4436+0.1894	3.7129+0.5160	0.0207+0.0104	2.4207+0.1809	0.4866+0.0404	0.5772+0.0434
176	860917	7.6648+1.0001	20.1837+2.8033	0.1584+0.0796	1.6136+0.1275	1.1948+0.0900	2.7631+0.1979
176	860923	0.9877+0.1300	2.6759+0.3721	0.0000+0.0147	1.1310+0.0912	1.3391+0.0997	0.4724+0.0360
176	860929	0.8633+0.1138	2.2799+0.3172	0.0180+0.0091	1.5852+0.1243	0.1212+0.0160	0.3777+0.0294
176	861005	0.6286+0.0834	1.5278+0.2129	0.0000+0.0139	1.0582+0.0872	0.2019+0.0212	0.2806+0.0227
176	861011	0.6652+0.0883	1.7241+0.2402	0.0131+0.0131	1.9764+0.1505	0.2848+0.0271	0.3049+0.0244
176	861017	1.3494+0.1773	3.6272+0.5046	0.0420+0.0210	2.2391+0.1695	0.4767+0.0401	0.5513+0.0418
176	861023	1.2504+0.1643	3.3295+0.4631	0.0235+0.0119	2.6225+0.1957	0.3328+0.0302	0.5220+0.0396
176	861029	1.8408+0.2413	4.7612+0.6620	0.0167+0.0083	5.2569+0.3855	0.5114+0.0441	0.7090+0.0529
176	861104	1.7549+0.2302	4.9149+0.6836	0.0355+0.0178	1.6670+0.1330	0.8118+0.0633	0.7580+0.0564
176	861110	2.1274+0.2784	5.5123+0.7658	0.0263+0.0133	0.4675+0.0491	0.2350+0.0227	0.7592+0.0563
176	861116	0.8543+0.1127	2.1887+0.3046	0.0186+0.0093	1.4011+0.1116	0.1607+0.0186	0.3941+0.0306
176	861122	1.0133+0.1334	2.7221+0.3786	0.0225+0.0113	1.3901+0.1126	0.1526+0.0179	0.4866+0.0371
176	861128	0.9991+0.1315	2.2957+0.3194	0.0193+0.0098	1.1883+0.0981	0.2345+0.0232	0.3892+0.0303
176	861204	1.8716+0.2456	5.0160+0.6981	0.0325+0.0163	1.7862+0.1423	0.9830+0.0759	0.8027+0.0598
176	861210	1.1278+0.1485	3.0236+0.4208	0.0252+0.0127	1.4869+0.1202	0.5083+0.0423	0.5290+0.0402
176	861216	1.1046+0.1453	2.7769+0.3864	0.0222+0.0111	1.7484+0.1355	0.6192+0.0497	0.5661+0.0428
176	861222	1.1723+0.1543	3.2074+0.4465	0.0230+0.0115	1.2804+0.1046	0.5765+0.0468	0.5035+0.0385
176	861228	0.8869+0.1172	2.2477+0.3133	0.0204+0.0102	1.4738+0.1169	0.2570+0.0248	0.4714+0.0362

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	CA	TI	V	CR	MN	FE
176	850805	0.6402+0.0339	0.1177+0.0070	0.0122+0.0019	0.0098+0.0015	0.0298+0.0022	0.9079+0.0476
176	850811	0.4496+0.0243	0.1673+0.0095	0.0094+0.0021	0.0048+0.0011	0.0160+0.0015	0.5734+0.0308
176	850817	0.3043+0.0172	0.0539+0.0040	0.0058+0.0016	0.0039+0.0018	0.0173+0.0020	0.4441+0.0245
176	850823	1.0319+0.0536	0.1873+0.0105	0.0198+0.0026	0.0161+0.0018	0.0556+0.0034	1.8378+0.0944
176	850829	0.9846+0.0513	0.1970+0.0110	0.0159+0.0026	0.0106+0.0014	0.0352+0.0024	1.2971+0.0671
176	850904	0.3565+0.0197	0.0599+0.0043	0.0046+0.0015	0.0063+0.0016	0.0136+0.0019	0.4215+0.0232
176	850910	0.5103+0.0277	0.1128+0.0068	0.0095+0.0019	0.0076+0.0013	0.0189+0.0018	0.6744+0.0358
176	850916	0.6103+0.0324	0.0748+0.0049	0.0104+0.0016	0.0093+0.0013	0.0169+0.0016	0.6971+0.0370
176	850922	0.7002+0.0370	0.0955+0.0060	0.0093+0.0019	0.0070+0.0016	0.0301+0.0024	0.8179+0.0431
176	850928	0.2952+0.0166	0.0510+0.0037	0.0078+0.0014	0.0041+0.0013	0.0161+0.0018	0.3864+0.0214
176	851004	1.4377+0.0741	0.1951+0.0110	0.0129+0.0026	0.0114+0.0018	0.0485+0.0032	1.6488+0.0849
176	851010	0.7884+0.0414	0.1359+0.0080	0.0084+0.0019	0.0119+0.0014	0.0375+0.0026	1.1787+0.0612
176	851016	1.1416+0.0592	0.1579+0.0091	0.0139+0.0022	0.0133+0.0015	0.0412+0.0027	1.4069+0.0726
176	851022	0.3842+0.0209	0.0660+0.0045	0.0059+0.0013	0.0064+0.0010	0.0253+0.0019	0.5461+0.0294
176	851028	0.4967+0.0267	0.0851+0.0055	0.0099+0.0018	0.0074+0.0013	0.0256+0.0019	0.7130+0.0378
176	851103	1.0861+0.0564	0.1696+0.0096	0.0165+0.0024	0.0134+0.0015	0.0507+0.0032	1.5631+0.0805
176	851109	0.5831+0.0423	0.0708+0.0058	0.0085+0.0017	0.0048+0.0011	0.0158+0.0018	0.5856+0.0426
176	851115	0.8927+0.0642	0.1207+0.0093	0.0113+0.0020	0.0107+0.0014	0.0426+0.0036	1.0780+0.0772
176	851121	0.8449+0.0609	0.1196+0.0092	0.0136+0.0022	0.0111+0.0015	0.0336+0.0029	1.0698+0.0768
176	851127	0.2763+0.0208	0.0680+0.0056	0.0073+0.0016	0.0028+0.0011	0.0144+0.0018	0.4611+0.0340
176	851203	0.2712+0.0204	0.0698+0.0058	0.0085+0.0017	0.0066+0.0014	0.0231+0.0025	0.4772+0.0351
176	851209	0.7995+0.0577	0.1070+0.0084	0.0109+0.0019	0.0084+0.0013	0.0394+0.0033	1.0020+0.0721
176	851215	0.7916+0.0572	0.1155+0.0090	0.0165+0.0023	0.0127+0.0016	0.0598+0.0048	1.0890+0.0782
176	851221	1.3329+0.0955	0.1656+0.0125	0.0126+0.0026	0.0115+0.0017	0.0659+0.0053	1.4850+0.1063
176	851227	0.7216+0.0523	0.1214+0.0094	0.0143+0.0024	0.0107+0.0018	0.0452+0.0040	1.0099+0.0728

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	CA	TI	V	CR	MN	FE
176	860102	0.4387+0.0315	0.0885+0.0072	0.0134+0.0024	0.0064+0.0017	0.0292+0.0030	0.6354+0.0443
176	860108	0.9789+0.0675	0.1108+0.0087	0.0076+0.0022	0.0116+0.0018	0.0330+0.0031	0.8652+0.0595
176	860114	1.0163+0.0700	0.1384+0.0105	0.0142+0.0027	0.0106+0.0017	0.0397+0.0035	1.1113+0.0760
176	860120	0.5012+0.0354	0.0955+0.0076	0.0078+0.0020	0.0100+0.0014	0.0286+0.0027	0.6549+0.0452
176	860126	1.0504+0.0722	0.1476+0.0111	0.0142+0.0028	0.0218+0.0024	0.0657+0.0052	1.2990+0.0885
176	860201	0.3102+0.0228	0.0381+0.0038	0.0069+0.0016	0.0074+0.0015	0.0220+0.0024	0.3247+0.0233
176	860207	0.7576+0.0524	0.0891+0.0071	0.0061+0.0018	0.0093+0.0014	0.0314+0.0029	0.7600+0.0522
176	860213	0.1169+0.0097	0.0210+0.0025	0.0031+0.0012	0.0041+0.0012	0.0138+0.0017	0.1490+0.0115
176	860219	0.2453+0.0182	0.0365+0.0036	0.0078+0.0017	0.0052+0.0014	0.0181+0.0022	0.2882+0.0207
176	860225	1.2814+0.0869	0.2140+0.0154	0.0245+0.0038	0.0148+0.0020	0.0722+0.0055	1.5892+0.1070
176	860303	0.6407+0.0446	0.1233+0.0095	0.0154+0.0027	0.0080+0.0016	0.0405+0.0036	0.9247+0.0632
176	860309	0.2544+0.0188	0.0234+0.0027	0.0032+0.0013	0.0037+0.0010	0.0115+0.0017	0.1907+0.0143
176	860315	0.3178+0.0230	0.0545+0.0048	0.0019+0.0014	0.0027+0.0011	0.0107+0.0017	0.2533+0.0184
176	860321	0.9179+0.0628	0.1430+0.0107	0.0163+0.0029	0.0077+0.0017	0.0399+0.0035	1.1866+0.0803
176	860327	0.9270+0.0635	0.1877+0.0137	0.0175+0.0032	0.0121+0.0018	0.0568+0.0045	1.4823+0.1001
176	860402	0.8349+0.0608	0.1081+0.0089	0.0116+0.0024	0.0059+0.0015	0.0266+0.0028	0.9549+0.0689
176	860408	0.3734+0.0281	0.0628+0.0057	0.0056+0.0018	0.0049+0.0014	0.0180+0.0022	0.4671+0.0344
176	860414	0.6136+0.0455	0.0957+0.0079	0.0110+0.0022	0.0087+0.0014	0.0293+0.0028	0.8859+0.0644
176	860420	1.0205+0.0737	0.1183+0.0095	0.0086+0.0022	0.0081+0.0013	0.0306+0.0028	0.9904+0.0712
176	860426	0.7581+0.0554	0.1157+0.0093	0.0147+0.0026	0.0087+0.0015	0.0283+0.0028	0.9179+0.0662
176	860502	1.1988+0.0862	0.1649+0.0128	0.0167+0.0030	0.0150+0.0019	0.0456+0.0040	1.4054+0.1004
176	860508	0.8944+0.0649	0.1258+0.0101	0.0122+0.0026	0.0098+0.0017	0.0256+0.0027	1.0656+0.0766
176	860514	0.7226+0.0528	0.1220+0.0098	0.0102+0.0024	0.0113+0.0017	0.0248+0.0026	0.9923+0.0714
176	860520	0.7441+0.0544	0.1010+0.0083	0.0111+0.0023	0.0085+0.0015	0.0220+0.0024	0.9294+0.0671
176	860526	0.6041+0.0446	0.1005+0.0083	0.0108+0.0023	0.0060+0.0014	0.0228+0.0024	0.7881+0.0572
176	860601	0.5493+0.0408	0.0724+0.0063	0.0119+0.0021	0.0078+0.0014	0.0178+0.0020	0.6573+0.0480
176	860607	0.5901+0.0435	0.0788+0.0068	0.0130+0.0022	0.0058+0.0014	0.0205+0.0024	0.8462+0.0612
176	860613	0.8809+0.0641	0.1081+0.0089	0.0110+0.0023	0.0106+0.0017	0.0309+0.0029	0.9955+0.0719
176	860619	0.8810+0.0642	0.1372+0.0110	0.0134+0.0028	0.0114+0.0018	0.0335+0.0033	1.1353+0.0818
176	860625	1.4504+0.1043	0.3530+0.0261	0.0257+0.0049	0.0251+0.0027	0.0683+0.0056	3.1166+0.2217

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	CA	TI	V	CR	MN	FE
176	860701	0.6821+0.0500	0.1055+0.0086	0.0201+0.0028	0.0029+0.0011	0.0220+0.0023	0.8227+0.0594
176	860707	0.5935+0.0437	0.0940+0.0078	0.0117+0.0022	0.0068+0.0014	0.0234+0.0024	0.7667+0.0555
176	860713	0.5776+0.0427	0.1039+0.0086	0.0117+0.0023	0.0096+0.0016	0.0255+0.0026	1.0035+0.0724
176	860719	0.8824+0.0641	0.1227+0.0098	0.0192+0.0028	0.0127+0.0017	0.0313+0.0029	1.1421+0.0821
176	860725	0.4608+0.0342	0.0754+0.0065	0.0075+0.0019	0.0088+0.0014	0.0140+0.0019	0.6688+0.0485
176	860731	0.9094+0.0662	0.1799+0.0140	0.0247+0.0036	0.0142+0.0021	0.0430+0.0039	1.4887+0.1068
176	860806	1.0103+0.0734	0.2115+0.0162	0.0151+0.0034	0.0108+0.0018	0.0424+0.0038	1.7880+0.1280
176	860812	0.7605+0.0556	0.1294+0.0104	0.0192+0.0030	0.0089+0.0016	0.0275+0.0028	1.1154+0.0802
176	860818	1.4613+0.1051	0.2294+0.0174	0.0229+0.0039	0.0177+0.0023	0.0539+0.0047	2.1088+0.1505
176	860824	0.5146+0.0382	0.0750+0.0065	0.0113+0.0022	0.0043+0.0014	0.0180+0.0022	0.6553+0.0477
176	860830	0.5781+0.0426	0.0915+0.0076	0.0156+0.0025	0.0055+0.0014	0.0181+0.0022	0.7278+0.0528
176	860905	0.9828+0.0711	0.1967+0.0151	0.0190+0.0034	0.0120+0.0019	0.0402+0.0036	1.5815+0.1129
176	860911	0.9024+0.0655	0.1667+0.0129	0.0152+0.0030	0.0103+0.0017	0.0317+0.0030	1.3621+0.0975
176	860917	3.9415+0.2805	0.8572+0.0618	0.0491+0.0101	0.0413+0.0040	0.1751+0.0131	7.2700+0.5159
176	860923	0.7395+0.0540	0.1115+0.0091	0.0105+0.0024	0.0091+0.0015	0.0278+0.0028	0.9992+0.0719
176	860929	0.6284+0.0462	0.1111+0.0090	0.0138+0.0025	0.0106+0.0016	0.0258+0.0026	0.9127+0.0659
176	861005	0.6191+0.0456	0.0626+0.0057	0.0075+0.0020	0.0073+0.0015	0.0183+0.0023	0.6160+0.0450
176	861011	0.3478+0.0266	0.0618+0.0057	0.0118+0.0022	0.0053+0.0015	0.0127+0.0020	0.5881+0.0431
176	861017	0.8203+0.0599	0.1486+0.0118	0.0107+0.0028	0.0073+0.0015	0.0391+0.0036	1.3254+0.0953
176	861023	0.8001+0.0584	0.1494+0.0118	0.0174+0.0030	0.0107+0.0017	0.0350+0.0032	1.2092+0.0870
176	861029	1.0995+0.0796	0.2502+0.0189	0.0285+0.0043	0.0210+0.0024	0.0613+0.0051	1.8465+0.1321
176	861104	1.2956+0.0936	0.2168+0.0165	0.0247+0.0038	0.0181+0.0021	0.0550+0.0046	1.9020+0.1363
176	861110	1.5483+0.1110	0.2242+0.0170	0.0178+0.0036	0.0134+0.0018	0.0647+0.0053	1.9390+0.1383
176	861116	0.7209+0.0527	0.0928+0.0078	0.0101+0.0022	0.0061+0.0014	0.0354+0.0033	0.8895+0.0643
176	861122	0.7640+0.0560	0.1184+0.0095	0.0094+0.0022	0.0133+0.0017	0.0407+0.0036	1.2057+0.0865
176	861128	0.9520+0.0693	0.1000+0.0082	0.0119+0.0022	0.0086+0.0014	0.0349+0.0032	0.9566+0.0690
176	861204	1.5667+0.1135	0.2736+0.0206	0.0224+0.0041	0.0187+0.0023	0.0718+0.0058	2.1995+0.1576
176	861210	0.8928+0.0653	0.1759+0.0136	0.0126+0.0029	0.0119+0.0017	0.0545+0.0045	1.4360+0.1031
176	861216	1.0006+0.0728	0.1523+0.0119	0.0141+0.0027	0.0135+0.0017	0.0415+0.0036	1.2181+0.0875
176	861222	1.1056+0.0805	0.1684+0.0131	0.0157+0.0030	0.0093+0.0014	0.0489+0.0041	1.4371+0.1032
176	861228	0.6801+0.0504	0.1046+0.0086	0.0142+0.0024	0.0074+0.0014	0.0340+0.0031	1.0184+0.0737

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	NI	CU	ZN	GA	AS	SE
176	850805	0.0136+0.0019	0.3003+0.0161	0.1788+0.0101	0.0005+0.0014	0.0000+0.0107	0.0027+0.0011
176	850811	0.0095+0.0015	0.4258+0.0224	0.3076+0.0166	0.0009+0.0011	0.0013+0.0060	0.0006+0.0009
176	850817	0.0047+0.0019	0.0741+0.0049	0.0693+0.0046	0.0000+0.0014	0.0000+0.0072	0.0018+0.0016
176	850823	0.0200+0.0020	0.0840+0.0053	0.1163+0.0068	0.0000+0.0016	0.0000+0.0181	0.0068+0.0013
176	850829	0.0119+0.0016	0.0852+0.0053	0.0958+0.0058	0.0000+0.0013	0.0000+0.0119	0.0037+0.0010
176	850904	0.0043+0.0016	0.1118+0.0068	0.0835+0.0053	0.0000+0.0013	0.0000+0.0072	0.0014+0.0015
176	850910	0.0043+0.0013	0.1212+0.0070	0.0945+0.0058	0.0000+0.0010	0.0000+0.0066	0.0015+0.0010
176	850916	0.0149+0.0019	0.5829+0.0303	0.4195+0.0221	0.0025+0.0014	0.0020+0.0078	0.0038+0.0010
176	850922	0.0062+0.0016	0.0822+0.0052	0.0879+0.0055	0.0009+0.0014	0.0000+0.0096	0.0019+0.0014
176	850928	0.0060+0.0014	0.0434+0.0032	0.0506+0.0036	0.0000+0.0010	0.0000+0.0068	0.0029+0.0011
176	851004	0.0091+0.0018	0.0890+0.0056	0.1748+0.0098	0.0019+0.0017	0.0000+0.0139	0.0033+0.0014
176	851010	0.0069+0.0014	0.0538+0.0037	0.0897+0.0055	0.0006+0.0013	0.0000+0.0115	0.0026+0.0010
176	851016	0.0082+0.0014	0.0758+0.0047	0.1346+0.0078	0.0023+0.0013	0.0000+0.0102	0.0029+0.0009
176	851022	0.0069+0.0013	0.0816+0.0051	0.0738+0.0047	0.0022+0.0013	0.0000+0.0101	0.0017+0.0008
176	851028	0.0073+0.0015	0.0732+0.0047	0.0655+0.0043	0.0004+0.0013	0.0000+0.0090	0.0033+0.0011
176	851103	0.0123+0.0016	0.2493+0.0134	0.1970+0.0109	0.0000+0.0016	0.0001+0.0177	0.0037+0.0010
176	851109	0.0029+0.0010	0.0517+0.0044	0.0651+0.0053	0.0014+0.0009	0.0025+0.0045	0.0023+0.0009
176	851115	0.0045+0.0012	0.0621+0.0052	0.1160+0.0089	0.0028+0.0014	0.0033+0.0123	0.0028+0.0009
176	851121	0.0061+0.0013	0.0730+0.0059	0.1177+0.0090	0.0003+0.0012	0.0037+0.0102	0.0008+0.0009
176	851127	0.0090+0.0015	0.0385+0.0035	0.0451+0.0039	0.0010+0.0009	0.0005+0.0058	0.0005+0.0008
176	851203	0.0109+0.0017	0.0528+0.0046	0.1117+0.0086	0.0005+0.0013	0.0036+0.0097	0.0015+0.0012
176	851209	0.0064+0.0013	0.0514+0.0044	0.1007+0.0078	0.0007+0.0012	0.0000+0.0104	0.0013+0.0008
176	851215	0.0160+0.0020	0.2633+0.0192	0.2345+0.0173	0.0010+0.0018	0.0064+0.0213	0.0044+0.0010
176	851221	0.0112+0.0018	0.0615+0.0053	0.2712+0.0199	0.0023+0.0019	0.0000+0.0184	0.0016+0.0013
176	851227	0.0102+0.0019	0.0991+0.0079	0.1672+0.0126	0.0013+0.0017	0.0034+0.0160	0.0015+0.0014



PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	NI	CU	ZN	GA	AS	SE
176	860102	0.0053+0.0016	0.1958+0.0142	0.2118+0.0152	0.0000+0.0015	0.0000+0.0114	0.0012+0.0012
176	860108	0.0105+0.0018	0.2473+0.0175	0.2237+0.0160	0.0000+0.0013	0.0000+0.0086	0.0027+0.0012
176	860114	0.0095+0.0017	0.2132+0.0152	0.1930+0.0139	0.0014+0.0015	0.0000+0.0121	0.0010+0.0010
176	860120	0.0046+0.0012	0.0740+0.0059	0.0802+0.0063	0.0014+0.0012	0.0000+0.0086	0.0025+0.0009
176	860126	0.0077+0.0017	0.2158+0.0154	0.1632+0.0120	0.0020+0.0020	0.0101+0.0224	0.0017+0.0012
176	860201	0.0032+0.0014	0.0813+0.0067	0.0909+0.0073	0.0005+0.0014	0.0000+0.0119	0.0005+0.0010
176	860207	0.0063+0.0013	0.4798+0.0328	0.4835+0.0331	0.0000+0.0015	0.0000+0.0106	0.0015+0.0008
176	860213	0.0037+0.0012	0.0518+0.0045	0.0542+0.0047	0.0000+0.0009	0.0000+0.0052	0.0007+0.0008
176	860219	0.0055+0.0015	0.1106+0.0084	0.0853+0.0068	0.0000+0.0011	0.0000+0.0068	0.0014+0.0010
176	860225	0.0105+0.0018	0.2413+0.0169	0.2527+0.0177	0.0009+0.0017	0.0006+0.0159	0.0019+0.0010
176	860303	0.0071+0.0015	0.0819+0.0066	0.1069+0.0082	0.0006+0.0013	0.0025+0.0102	0.0031+0.0011
176	860309	0.0042+0.0012	0.1903+0.0135	0.1122+0.0084	0.0000+0.0009	0.0007+0.0052	0.0019+0.0008
176	860315	0.0034+0.0011	0.0883+0.0069	0.0644+0.0054	0.0000+0.0008	0.0019+0.0041	0.0009+0.0008
176	860321	0.0035+0.0015	0.0709+0.0061	0.1285+0.0096	0.0002+0.0014	0.0008+0.0089	0.0000+0.0011
176	860327	0.0127+0.0018	0.1120+0.0084	0.1578+0.0114	0.0000+0.0014	0.0000+0.0140	0.0027+0.0010
176	860402	0.0055+0.0014	0.1355+0.0103	0.1277+0.0097	0.0010+0.0011	0.0018+0.0057	0.0001+0.0011
176	860408	0.0060+0.0014	0.3604+0.0261	0.2566+0.0189	0.0001+0.0012	0.0000+0.0084	0.0012+0.0010
176	860414	0.0064+0.0013	0.1767+0.0132	0.1482+0.0112	0.0002+0.0010	0.0029+0.0078	0.0008+0.0008
176	860420	0.0054+0.0011	0.2523+0.0185	0.1835+0.0137	0.0001+0.0011	0.0000+0.0090	0.0010+0.0007
176	860426	0.0090+0.0014	0.6022+0.0432	0.4252+0.0309	0.0034+0.0015	0.0008+0.0089	0.0003+0.0008
176	860502	0.0236+0.0025	0.7484+0.0534	0.5636+0.0405	0.0030+0.0019	0.0000+0.0171	0.0009+0.0010
176	860508	0.0113+0.0017	0.4141+0.0299	0.3034+0.0222	0.0000+0.0012	0.0021+0.0098	0.0000+0.0009
176	860514	0.0163+0.0020	1.6751+0.1190	1.1559+0.0827	0.0029+0.0021	0.0000+0.0105	0.0025+0.0010
176	860520	0.0089+0.0015	0.3020+0.0221	0.2294+0.0170	0.0012+0.0011	0.0015+0.0061	0.0032+0.0010
176	860526	0.0069+0.0014	0.4899+0.0354	0.3430+0.0251	0.0000+0.0012	0.0001+0.0074	0.0008+0.0009
176	860601	0.0178+0.0020	1.5764+0.1127	1.0902+0.0786	0.0014+0.0021	0.0000+0.0079	0.0006+0.0008
176	860607	0.0157+0.0020	1.1977+0.0854	0.8087+0.0581	0.0000+0.0017	0.0005+0.0087	0.0009+0.0010
176	860613	0.0226+0.0024	2.6296+0.1869	1.8275+0.1306	0.0007+0.0030	0.0037+0.0131	0.0008+0.0009
176	860619	0.0152+0.0021	1.1903+0.0851	0.8443+0.0608	0.0016+0.0019	0.0000+0.0099	0.0013+0.0011
176	860625	0.0250+0.0027	2.2667+0.1609	1.7312+0.1234	0.0032+0.0029	0.0000+0.0130	0.0018+0.0010

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	NI	CU	ZN	GA	AS	SE
176	860701	0.0103+0.0016	0.2677+0.0196	0.1879+0.0141	0.0008+0.0010	0.0009+0.0067	0.0007+0.0008
176	860707	0.0121+0.0017	0.6105+0.0437	0.4357+0.0316	0.0014+0.0014	0.0038+0.0079	0.0010+0.0009
176	860713	0.0129+0.0017	1.2292+0.0877	0.8565+0.0616	0.0000+0.0017	0.0039+0.0075	0.0026+0.0009
176	860719	0.0148+0.0019	1.4322+0.1019	1.0196+0.0731	0.0033+0.0020	0.0135+0.0118	0.0014+0.0008
176	860725	0.0106+0.0016	0.9801+0.0698	0.6954+0.0499	0.0018+0.0016	0.0000+0.0074	0.0004+0.0009
176	860731	0.0219+0.0025	0.7278+0.0522	0.6137+0.0442	0.0000+0.0017	0.0000+0.0108	0.0024+0.0013
176	860806	0.0094+0.0017	0.5044+0.0364	0.3708+0.0271	0.0002+0.0012	0.0045+0.0060	0.0027+0.0011
176	860812	0.0182+0.0022	1.0248+0.0731	0.7929+0.0569	0.0008+0.0019	0.0000+0.0115	0.0024+0.0011
176	860818	0.0162+0.0022	0.7662+0.0549	0.5534+0.0400	0.0002+0.0017	0.0000+0.0130	0.0035+0.0013
176	860824	0.0121+0.0018	1.0173+0.0726	0.7176+0.0516	0.0005+0.0016	0.0000+0.0069	0.0018+0.0011
176	860830	0.0127+0.0018	0.7104+0.0509	0.5020+0.0363	0.0005+0.0014	0.0000+0.0079	0.0015+0.0010
176	860905	0.0188+0.0022	1.0456+0.0744	0.7572+0.0543	0.0000+0.0018	0.0034+0.0110	0.0024+0.0011
176	860911	0.0079+0.0015	0.3657+0.0265	0.2517+0.0185	0.0005+0.0011	0.0046+0.0073	0.0007+0.0010
176	860917	0.0175+0.0022	0.7400+0.0530	0.6274+0.0452	0.0055+0.0019	0.0079+0.0123	0.0036+0.0013
176	860923	0.0043+0.0013	0.3406+0.0248	0.2515+0.0185	0.0025+0.0012	0.0028+0.0065	0.0000+0.0009
176	860929	0.0140+0.0018	0.8849+0.0632	0.6540+0.0472	0.0035+0.0017	0.0001+0.0124	0.0011+0.0009
176	861005	0.0075+0.0015	0.5449+0.0392	0.3735+0.0272	0.0027+0.0015	0.0017+0.0083	0.0016+0.0011
176	861011	0.0072+0.0015	0.6026+0.0434	0.4319+0.0315	0.0010+0.0014	0.0039+0.0068	0.0008+0.0011
176	861017	0.0115+0.0018	0.5564+0.0402	0.3866+0.0283	0.0031+0.0015	0.0047+0.0091	0.0007+0.0010
176	861023	0.0099+0.0016	0.5850+0.0421	0.4262+0.0310	0.0012+0.0015	0.0001+0.0096	0.0017+0.0010
176	861029	0.0222+0.0025	0.9682+0.0692	0.7799+0.0561	0.0012+0.0022	0.0000+0.0200	0.0023+0.0011
176	861104	0.0182+0.0021	1.1912+0.0851	0.8435+0.0608	0.0033+0.0022	0.0063+0.0178	0.0011+0.0009
176	861110	0.0060+0.0013	0.2046+0.0151	0.1708+0.0128	0.0019+0.0012	0.0032+0.0095	0.0007+0.0009
176	861116	0.0074+0.0014	0.2338+0.0172	0.1779+0.0134	0.0012+0.0014	0.0071+0.0115	0.0003+0.0009
176	861122	0.0087+0.0014	0.2877+0.0210	0.2432+0.0179	0.0000+0.0014	0.0059+0.0139	0.0025+0.0008
176	861128	0.0088+0.0014	0.3298+0.0240	0.3212+0.0235	0.0003+0.0015	0.0090+0.0123	0.0011+0.0009
176	861204	0.0155+0.0020	0.8120+0.0584	0.5783+0.0419	0.0025+0.0021	0.0049+0.0186	0.0044+0.0012
176	861210	0.0141+0.0018	0.5689+0.0410	0.4084+0.0297	0.0000+0.0017	0.0000+0.0171	0.0022+0.0010
176	861216	0.0171+0.0020	0.7888+0.0565	0.4899+0.0356	0.0006+0.0016	0.0010+0.0138	0.0017+0.0009
176	861222	0.0088+0.0014	0.6706+0.0482	0.4547+0.0331	0.0020+0.0017	0.0063+0.0143	0.0020+0.0009
176	861228	0.0079+0.0014	0.2974+0.0218	0.2241+0.0167	0.0025+0.0014	0.0074+0.0106	0.0021+0.0009

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	BR	RB	SR	Y	ZR	MO
176	850805	0.0325+0.0026	0.0031+0.0018	0.0133+0.0022	0.0000+0.0024	0.0000+0.0106	0.0045+0.0078
176	850811	0.0144+0.0016	0.0026+0.0015	0.0133+0.0020	0.0019+0.0020	0.0093+0.0093	0.0000+0.0068
176	850817	0.0147+0.0024	0.0073+0.0027	0.0080+0.0032	0.0018+0.0035	0.0000+0.0162	0.0000+0.0123
176	850823	0.0745+0.0044	0.0004+0.0019	0.0226+0.0024	0.0021+0.0024	0.0000+0.0099	0.0088+0.0068
176	850829	0.0390+0.0028	0.0003+0.0016	0.0166+0.0020	0.0019+0.0021	0.0000+0.0096	0.0102+0.0068
176	850904	0.0232+0.0025	0.0008+0.0023	0.0068+0.0030	0.0019+0.0033	0.0015+0.0149	0.0151+0.0111
176	850910	0.0172+0.0019	0.0028+0.0016	0.0140+0.0020	0.0021+0.0021	0.0000+0.0099	0.0000+0.0069
176	850916	0.0230+0.0019	0.0009+0.0015	0.0104+0.0019	0.0014+0.0020	0.0176+0.0090	0.0109+0.0065
176	850922	0.0337+0.0027	0.0052+0.0021	0.0131+0.0027	0.0041+0.0031	0.0000+0.0131	0.0000+0.0100
176	850928	0.0227+0.0022	0.0023+0.0019	0.0084+0.0023	0.0018+0.0026	0.0000+0.0111	0.0000+0.0082
176	851004	0.0421+0.0032	0.0037+0.0022	0.0208+0.0029	0.0000+0.0031	0.0000+0.0130	0.0133+0.0096
176	851010	0.0365+0.0027	0.0000+0.0017	0.0103+0.0019	0.0000+0.0022	0.0077+0.0097	0.0088+0.0069
176	851016	0.0306+0.0023	0.0040+0.0015	0.0153+0.0019	0.0001+0.0019	0.0093+0.0089	0.0000+0.0061
176	851022	0.0333+0.0024	0.0013+0.0014	0.0078+0.0017	0.0000+0.0019	0.0082+0.0080	0.0000+0.0057
176	851028	0.0327+0.0025	0.0022+0.0018	0.0098+0.0020	0.0006+0.0023	0.0000+0.0104	0.0125+0.0075
176	851103	0.0574+0.0035	0.0030+0.0016	0.0181+0.0020	0.0000+0.0022	0.0000+0.0087	0.0000+0.0063
176	851109	0.0227+0.0023	0.0000+0.0015	0.0085+0.0019	0.0001+0.0022	0.0000+0.0097	0.0051+0.0058
176	851115	0.0448+0.0036	0.0030+0.0016	0.0081+0.0018	0.0000+0.0022	0.0064+0.0091	0.0000+0.0053
176	851121	0.0519+0.0041	0.0043+0.0017	0.0076+0.0019	0.0022+0.0023	0.0000+0.0097	0.0038+0.0058
176	851127	0.0205+0.0021	0.0003+0.0015	0.0027+0.0017	0.0026+0.0022	0.0000+0.0095	0.0000+0.0056
176	851203	0.0404+0.0035	0.0014+0.0020	0.0049+0.0023	0.0000+0.0028	0.0000+0.0122	0.0113+0.0074
176	851209	0.0534+0.0043	0.0000+0.0016	0.0080+0.0018	0.0032+0.0022	0.0000+0.0091	0.0074+0.0054
176	851215	0.1035+0.0077	0.0005+0.0020	0.0095+0.0020	0.0012+0.0025	0.0000+0.0095	0.0015+0.0056
176	851221	0.0754+0.0059	0.0012+0.0023	0.0156+0.0029	0.0000+0.0032	0.0000+0.0137	0.0002+0.0082
176	851227	0.0749+0.0060	0.0024+0.0026	0.0114+0.0030	0.0000+0.0035	0.0000+0.0151	0.0118+0.0091

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	BR	RB	SR	Y	ZR	MO
176	860102	0.0473+0.0039	0.0020+0.0022	0.0051+0.0025	0.0003+0.0031	0.0000+0.0131	0.0000+0.0081
176	860108	0.0167+0.0020	0.0000+0.0019	0.0088+0.0023	0.0000+0.0028	0.0000+0.0120	0.0139+0.0077
176	860114	0.0435+0.0036	0.0027+0.0018	0.0123+0.0024	0.0038+0.0027	0.0000+0.0112	0.0000+0.0070
176	860120	0.0388+0.0032	0.0032+0.0015	0.0067+0.0017	0.0013+0.0021	0.0000+0.0085	0.0067+0.0054
176	860126	0.0723+0.0054	0.0029+0.0022	0.0127+0.0025	0.0000+0.0031	0.0000+0.0123	0.0057+0.0076
176	860201	0.0527+0.0042	0.0010+0.0020	0.0053+0.0022	0.0000+0.0028	0.0000+0.0116	0.0029+0.0072
176	860207	0.0274+0.0024	0.0032+0.0015	0.0220+0.0024	0.0013+0.0022	0.0001+0.0090	0.0104+0.0056
176	860213	0.0227+0.0021	0.0005+0.0014	0.0018+0.0016	0.0032+0.0021	0.0000+0.0087	0.0028+0.0054
176	860219	0.0278+0.0026	0.0000+0.0018	0.0071+0.0022	0.0009+0.0026	0.0000+0.0114	0.0000+0.0073
176	860225	0.0515+0.0041	0.0068+0.0021	0.0163+0.0025	0.0018+0.0028	0.0000+0.0112	0.0000+0.0071
176	860303	0.0266+0.0026	0.0013+0.0018	0.0112+0.0023	0.0001+0.0027	0.0022+0.0115	0.0059+0.0071
176	860309	0.0115+0.0015	0.0000+0.0014	0.0070+0.0017	0.0015+0.0021	0.0000+0.0089	0.0006+0.0054
176	860315	0.0122+0.0016	0.0000+0.0015	0.0026+0.0017	0.0000+0.0022	0.0052+0.0096	0.0000+0.0057
176	860321	0.0250+0.0025	0.0028+0.0020	0.0116+0.0025	0.0000+0.0029	0.0000+0.0129	0.0000+0.0078
176	860327	0.0503+0.0039	0.0008+0.0017	0.0133+0.0021	0.0010+0.0024	0.0073+0.0100	0.0087+0.0061
176	860402	0.0243+0.0025	0.0011+0.0019	0.0109+0.0024	0.0000+0.0028	0.0000+0.0120	0.0000+0.0076
176	860408	0.0228+0.0023	0.0000+0.0017	0.0014+0.0020	0.0000+0.0025	0.0002+0.0108	0.0000+0.0068
176	860414	0.0281+0.0025	0.0016+0.0014	0.0099+0.0018	0.0010+0.0021	0.0037+0.0084	0.0052+0.0053
176	860420	0.0248+0.0023	0.0005+0.0012	0.0096+0.0017	0.0000+0.0018	0.0000+0.0076	0.0000+0.0044
176	860426	0.0340+0.0029	0.0000+0.0015	0.0084+0.0019	0.0000+0.0021	0.0000+0.0093	0.0009+0.0057
176	860502	0.0383+0.0033	0.0047+0.0018	0.0129+0.0022	0.0000+0.0027	0.0184+0.0107	0.0110+0.0068
176	860508	0.0317+0.0028	0.0016+0.0017	0.0094+0.0021	0.0000+0.0025	0.0000+0.0103	0.0000+0.0064
176	860514	0.0225+0.0022	0.0000+0.0016	0.0117+0.0021	0.0000+0.0023	0.0041+0.0095	0.0016+0.0060
176	860520	0.0239+0.0023	0.0000+0.0016	0.0061+0.0020	0.0000+0.0024	0.0167+0.0101	0.0000+0.0062
176	860526	0.0275+0.0026	0.0000+0.0016	0.0078+0.0020	0.0000+0.0024	0.0069+0.0100	0.0008+0.0062
176	860601	0.0196+0.0020	0.0003+0.0014	0.0072+0.0018	0.0005+0.0021	0.0082+0.0087	0.0000+0.0054
176	860607	0.0229+0.0022	0.0011+0.0017	0.0081+0.0021	0.0000+0.0025	0.0000+0.0103	0.0080+0.0066
176	860613	0.0290+0.0026	0.0000+0.0016	0.0121+0.0021	0.0000+0.0024	0.0000+0.0099	0.0000+0.0060
176	860619	0.0275+0.0027	0.0028+0.0019	0.0132+0.0025	0.0000+0.0028	0.0000+0.0118	0.0000+0.0074
176	860625	0.0284+0.0027	0.0060+0.0018	0.0215+0.0027	0.0016+0.0026	0.0000+0.0106	0.0105+0.0068

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	BR	RB	SR	Y	ZR	MO
176	860701	0.0238+0.0023	0.0007+0.0014	0.0155+0.0021	0.0000+0.0019	0.0000+0.0085	0.0089+0.0053
176	860707	0.0234+0.0022	0.0012+0.0015	0.0078+0.0018	0.0000+0.0021	0.0000+0.0090	0.0033+0.0058
176	860713	0.0178+0.0019	0.0014+0.0015	0.0067+0.0018	0.0000+0.0022	0.0170+0.0095	0.0000+0.0057
176	860719	0.0320+0.0028	0.0003+0.0014	0.0117+0.0018	0.0000+0.0019	0.0000+0.0083	0.0000+0.0049
176	860725	0.0166+0.0018	0.0001+0.0015	0.0081+0.0020	0.0000+0.0022	0.0058+0.0093	0.0000+0.0057
176	860731	0.0336+0.0031	0.0020+0.0020	0.0138+0.0027	0.0000+0.0031	0.0000+0.0126	0.0158+0.0081
176	860806	0.0146+0.0019	0.0000+0.0017	0.0143+0.0024	0.0000+0.0026	0.0000+0.0111	0.0087+0.0070
176	860812	0.0260+0.0025	0.0010+0.0019	0.0124+0.0025	0.0000+0.0027	0.0022+0.0115	0.0000+0.0072
176	860818	0.0373+0.0033	0.0026+0.0022	0.0163+0.0027	0.0000+0.0031	0.0000+0.0128	0.0000+0.0083
176	860824	0.0214+0.0022	0.0000+0.0018	0.0067+0.0022	0.0000+0.0026	0.0000+0.0111	0.0067+0.0071
176	860830	0.0226+0.0022	0.0000+0.0016	0.0088+0.0021	0.0000+0.0024	0.0000+0.0101	0.0028+0.0064
176	860905	0.0353+0.0031	0.0006+0.0018	0.0126+0.0023	0.0000+0.0027	0.0131+0.0114	0.0081+0.0072
176	860911	0.0262+0.0025	0.0014+0.0017	0.0254+0.0028	0.0007+0.0025	0.0175+0.0108	0.0000+0.0065
176	860917	0.0377+0.0033	0.0175+0.0026	0.0465+0.0043	0.0012+0.0032	0.0028+0.0132	0.0009+0.0080
176	860923	0.0238+0.0024	0.0003+0.0017	0.0093+0.0022	0.0000+0.0025	0.0000+0.0105	0.0042+0.0067
176	860929	0.0351+0.0030	0.0011+0.0015	0.0078+0.0017	0.0000+0.0022	0.0048+0.0086	0.0045+0.0054
176	861005	0.0229+0.0023	0.0000+0.0018	0.0034+0.0022	0.0000+0.0027	0.0000+0.0113	0.0008+0.0073
176	861011	0.0220+0.0023	0.0020+0.0019	0.0083+0.0024	0.0000+0.0028	0.0000+0.0119	0.0113+0.0078
176	861017	0.0342+0.0030	0.0015+0.0019	0.0129+0.0025	0.0000+0.0027	0.0000+0.0115	0.0000+0.0072
176	861023	0.0394+0.0034	0.0022+0.0017	0.0083+0.0021	0.0000+0.0024	0.0000+0.0100	0.0014+0.0064
176	861029	0.0806+0.0062	0.0034+0.0022	0.0140+0.0024	0.0000+0.0028	0.0071+0.0112	0.0014+0.0070
176	861104	0.0684+0.0053	0.0024+0.0018	0.0150+0.0022	0.0000+0.0024	0.0191+0.0096	0.0035+0.0058
176	861110	0.0296+0.0027	0.0047+0.0017	0.0125+0.0021	0.0000+0.0024	0.0000+0.0096	0.0089+0.0061
176	861116	0.0416+0.0035	0.0000+0.0017	0.0077+0.0021	0.0000+0.0025	0.0043+0.0102	0.0000+0.0063
176	861122	0.0521+0.0042	0.0023+0.0015	0.0112+0.0018	0.0000+0.0020	0.0000+0.0077	0.0058+0.0047
176	861128	0.0440+0.0037	0.0000+0.0016	0.0095+0.0020	0.0000+0.0023	0.0090+0.0092	0.0026+0.0058
176	861204	0.0813+0.0063	0.0039+0.0022	0.0137+0.0024	0.0000+0.0029	0.0007+0.0110	0.0016+0.0068
176	861210	0.0746+0.0058	0.0000+0.0019	0.0115+0.0021	0.0020+0.0026	0.0000+0.0100	0.0000+0.0062
176	861216	0.0557+0.0044	0.0006+0.0016	0.0290+0.0028	0.0000+0.0022	0.0000+0.0087	0.0006+0.0052
176	861222	0.0672+0.0052	0.0018+0.0017	0.0139+0.0019	0.0009+0.0022	0.0000+0.0085	0.0000+0.0050
176	861228	0.0433+0.0036	0.0005+0.0015	0.0125+0.0020	0.0000+0.0022	0.0000+0.0089	0.0046+0.0055

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	PD	AG	CD	IN	SN	SB
176	850805	0.0045+0.0064	0.0059+0.0088	0.0170+0.0125	0.0115+0.0145	0.0292+0.0167	0.0000+0.0276
176	850811	0.0000+0.0053	0.0058+0.0076	0.0223+0.0110	0.0000+0.0123	0.0289+0.0145	0.0193+0.0245
176	850817	0.0006+0.0096	0.0133+0.0138	0.0263+0.0193	0.0000+0.0220	0.0039+0.0252	0.0560+0.0445
176	850823	0.0075+0.0058	0.0069+0.0079	0.0158+0.0111	0.0000+0.0121	0.0160+0.0145	0.0451+0.0260
176	850829	0.0054+0.0055	0.0000+0.0082	0.0131+0.0107	0.0057+0.0125	0.0000+0.0148	0.0081+0.0242
176	850904	0.0000+0.0087	0.0195+0.0128	0.0237+0.0176	0.0000+0.0204	0.0000+0.0230	0.0475+0.0406
176	850910	0.0068+0.0059	0.0130+0.0083	0.0021+0.0109	0.0128+0.0133	0.0253+0.0152	0.0000+0.0271
176	850916	0.0031+0.0053	0.0031+0.0073	0.0198+0.0106	0.0000+0.0118	0.0000+0.0148	0.0000+0.0250
176	850922	0.0000+0.0078	0.0000+0.0105	0.0153+0.0156	0.0000+0.0182	0.0000+0.0214	0.0478+0.0364
176	850928	0.0019+0.0068	0.0046+0.0094	0.0000+0.0130	0.0061+0.0157	0.0000+0.0171	0.0036+0.0301
176	851004	0.0037+0.0078	0.0103+0.0110	0.0134+0.0152	0.0000+0.0176	0.0000+0.0198	0.0054+0.0346
176	851010	0.0049+0.0056	0.0089+0.0083	0.0054+0.0111	0.0084+0.0126	0.0115+0.0149	0.0000+0.0257
176	851016	0.0131+0.0056	0.0145+0.0079	0.0099+0.0103	0.0003+0.0114	0.0125+0.0136	0.0000+0.0233
176	851022	0.0034+0.0046	0.0149+0.0073	0.0098+0.0098	0.0152+0.0107	0.0146+0.0125	0.0146+0.0220
176	851028	0.0057+0.0061	0.0069+0.0089	0.0090+0.0121	0.0080+0.0137	0.0130+0.0162	0.0055+0.0282
176	851103	0.0000+0.0048	0.0019+0.0072	0.0022+0.0099	0.0156+0.0117	0.0257+0.0139	0.0292+0.0242
176	851109	0.0017+0.0061	0.0035+0.0081	0.0000+0.0100	0.0101+0.0129	0.0165+0.0163	0.0509+0.0352
176	851115	0.0071+0.0059	0.0025+0.0074	0.0110+0.0099	0.0223+0.0124	0.0029+0.0147	0.0190+0.0318
176	851121	0.0062+0.0062	0.0024+0.0080	0.0008+0.0102	0.0235+0.0132	0.0017+0.0157	0.0046+0.0335
176	851127	0.0000+0.0058	0.0048+0.0079	0.0000+0.0099	0.0089+0.0126	0.0000+0.0152	0.0132+0.0334
176	851203	0.0017+0.0077	0.0000+0.0101	0.0000+0.0128	0.0214+0.0166	0.0000+0.0202	0.0068+0.0431
176	851209	0.0068+0.0059	0.0037+0.0075	0.0000+0.0095	0.0000+0.0117	0.0158+0.0153	0.0216+0.0322
176	851215	0.0043+0.0061	0.0091+0.0080	0.0099+0.0104	0.0000+0.0123	0.0188+0.0159	0.0376+0.0341
176	851221	0.0034+0.0087	0.0051+0.0115	0.0069+0.0148	0.0020+0.0181	0.0107+0.0228	0.0791+0.0501
176	851227	0.0006+0.0094	0.0000+0.0122	0.0067+0.0162	0.0101+0.0200	0.0000+0.0245	0.0000+0.0520

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	PD	AG	CD	IN	SN	SB
176	860102	0.0000+0.0083	0.0077+0.0108	0.0169+0.0144	0.0000+0.0177	0.0000+0.0214	0.0000+0.0482
176	860108	0.0000+0.0075	0.0190+0.0103	0.0000+0.0127	0.0064+0.0164	0.0016+0.0199	0.0256+0.0448
176	860114	0.0022+0.0073	0.0155+0.0095	0.0000+0.0127	0.0054+0.0152	0.0085+0.0187	0.0377+0.0421
176	860120	0.0071+0.0058	0.0005+0.0069	0.0144+0.0096	0.0080+0.0118	0.0207+0.0146	0.0000+0.0307
176	860126	0.0000+0.0078	0.0000+0.0098	0.0016+0.0130	0.0000+0.0164	0.0050+0.0203	0.0166+0.0452
176	860201	0.0061+0.0076	0.0045+0.0095	0.0000+0.0123	0.0140+0.0160	0.0027+0.0192	0.0000+0.0423
176	860207	0.0057+0.0058	0.0000+0.0078	0.0081+0.0096	0.0019+0.0119	0.0277+0.0153	0.0363+0.0334
176	860213	0.0049+0.0057	0.0109+0.0074	0.0155+0.0098	0.0000+0.0117	0.0169+0.0147	0.0015+0.0318
176	860219	0.0000+0.0072	0.0050+0.0094	0.0156+0.0126	0.0097+0.0157	0.0000+0.0186	0.0000+0.0420
176	860225	0.0000+0.0070	0.0086+0.0093	0.0193+0.0125	0.0119+0.0155	0.0082+0.0186	0.0000+0.0403
176	860303	0.0030+0.0074	0.0060+0.0094	0.0074+0.0123	0.0000+0.0152	0.0064+0.0191	0.0000+0.0417
176	860309	0.0000+0.0056	0.0050+0.0073	0.0046+0.0095	0.0000+0.0119	0.0184+0.0150	0.0127+0.0326
176	860315	0.0000+0.0058	0.0020+0.0076	0.0096+0.0104	0.0000+0.0126	0.0000+0.0154	0.0000+0.0335
176	860321	0.0000+0.0080	0.0000+0.0102	0.0131+0.0139	0.0000+0.0172	0.0000+0.0208	0.0000+0.0460
176	860327	0.0000+0.0062	0.0092+0.0082	0.0070+0.0106	0.0000+0.0132	0.0000+0.0161	0.0000+0.0358
176	860402	0.0007+0.0079	0.0139+0.0107	0.0099+0.0134	0.0000+0.0163	0.0137+0.0198	0.0337+0.0444
176	860408	0.0000+0.0069	0.0000+0.0091	0.0093+0.0120	0.0000+0.0147	0.0000+0.0174	0.0000+0.0384
176	860414	0.0055+0.0057	0.0110+0.0076	0.0024+0.0091	0.0093+0.0119	0.0000+0.0134	0.0607+0.0323
176	860420	0.0000+0.0046	0.0068+0.0064	0.0117+0.0083	0.0034+0.0102	0.0245+0.0124	0.0316+0.0271
176	860426	0.0000+0.0059	0.0036+0.0078	0.0043+0.0100	0.0000+0.0127	0.0217+0.0152	0.0000+0.0325
176	860502	0.0000+0.0067	0.0008+0.0089	0.0000+0.0110	0.0000+0.0146	0.0181+0.0172	0.0561+0.0392
176	860508	0.0000+0.0067	0.0016+0.0089	0.0000+0.0111	0.0000+0.0141	0.0069+0.0169	0.0220+0.0379
176	860514	0.0056+0.0064	0.0000+0.0079	0.0002+0.0102	0.0000+0.0131	0.0000+0.0160	0.0465+0.0354
176	860520	0.0086+0.0068	0.0015+0.0085	0.0000+0.0106	0.0000+0.0136	0.0015+0.0161	0.0000+0.0354
176	860526	0.0000+0.0064	0.0000+0.0085	0.0012+0.0108	0.0000+0.0138	0.0119+0.0164	0.0128+0.0362
176	860601	0.0000+0.0055	0.0111+0.0078	0.0031+0.0094	0.0142+0.0125	0.0487+0.0154	0.0154+0.0315
176	860607	0.0000+0.0066	0.0043+0.0089	0.0000+0.0111	0.0000+0.0143	0.0000+0.0166	0.0000+0.0368
176	860613	0.0050+0.0065	0.0023+0.0083	0.0000+0.0103	0.0000+0.0135	0.0304+0.0163	0.0161+0.0351
176	860619	0.0000+0.0076	0.0010+0.0101	0.0013+0.0129	0.0000+0.0165	0.0110+0.0194	0.0352+0.0437
176	860625	0.0000+0.0068	0.0049+0.0092	0.0080+0.0116	0.0000+0.0141	0.0349+0.0178	0.0000+0.0370

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	PD	AG	CD	IN	SN	SB
176	860701	0.0008+0.0054	0.0046+0.0072	0.0082+0.0092	0.0075+0.0118	0.0000+0.0131	0.0345+0.0309
176	860707	0.0073+0.0062	0.0077+0.0079	0.0082+0.0101	0.0018+0.0128	0.0161+0.0149	0.0568+0.0344
176	860713	0.0028+0.0061	0.0017+0.0079	0.0030+0.0101	0.0000+0.0126	0.0048+0.0150	0.0000+0.0331
176	860719	0.0002+0.0051	0.0057+0.0068	0.0000+0.0092	0.0022+0.0110	0.0136+0.0129	0.0027+0.0281
176	860725	0.0000+0.0060	0.0083+0.0082	0.0030+0.0101	0.0020+0.0132	0.0171+0.0154	0.0000+0.0328
176	860731	0.0007+0.0083	0.0023+0.0108	0.0000+0.0136	0.0000+0.0177	0.0361+0.0211	0.0000+0.0449
176	860806	0.0006+0.0073	0.0023+0.0095	0.0031+0.0120	0.0124+0.0159	0.0087+0.0180	0.0182+0.0405
176	860812	0.0000+0.0076	0.0011+0.0098	0.0010+0.0124	0.0033+0.0163	0.0261+0.0192	0.0000+0.0409
176	860818	0.0000+0.0084	0.0050+0.0110	0.0036+0.0138	0.0000+0.0175	0.0071+0.0207	0.0000+0.0455
176	860824	0.0041+0.0075	0.0014+0.0095	0.0000+0.0128	0.0000+0.0155	0.0000+0.0179	0.0179+0.0408
176	860830	0.0050+0.0068	0.0000+0.0086	0.0161+0.0115	0.0000+0.0139	0.0111+0.0166	0.0000+0.0361
176	860905	0.0009+0.0073	0.0021+0.0096	0.0000+0.0120	0.0000+0.0153	0.0124+0.0183	0.0516+0.0418
176	860911	0.0016+0.0069	0.0054+0.0090	0.0060+0.0114	0.0000+0.0144	0.0196+0.0172	0.0188+0.0379
176	860917	0.0041+0.0085	0.0000+0.0109	0.0122+0.0142	0.0000+0.0179	0.0281+0.0213	0.0297+0.0470
176	860923	0.0000+0.0064	0.0012+0.0090	0.0107+0.0118	0.0100+0.0151	0.0135+0.0173	0.0135+0.0384
176	860929	0.0016+0.0057	0.0043+0.0074	0.0122+0.0096	0.0101+0.0122	0.0195+0.0142	0.0045+0.0308
176	861005	0.0060+0.0077	0.0040+0.0099	0.0000+0.0125	0.0000+0.0158	0.0000+0.0184	0.0519+0.0428
176	861011	0.0028+0.0080	0.0020+0.0104	0.0076+0.0132	0.0000+0.0164	0.0270+0.0200	0.0000+0.0412
176	861017	0.0000+0.0073	0.0000+0.0096	0.0000+0.0122	0.0000+0.0162	0.0091+0.0187	0.0000+0.0404
176	861023	0.0009+0.0066	0.0000+0.0083	0.0159+0.0114	0.0000+0.0138	0.0092+0.0165	0.0090+0.0365
176	861029	0.0000+0.0073	0.0000+0.0092	0.0066+0.0123	0.0000+0.0153	0.0212+0.0186	0.0115+0.0410
176	861104	0.0000+0.0059	0.0042+0.0079	0.0000+0.0098	0.0000+0.0126	0.0000+0.0147	0.0415+0.0344
176	861110	0.0054+0.0064	0.0000+0.0079	0.0028+0.0104	0.0000+0.0131	0.0140+0.0159	0.0068+0.0350
176	861116	0.0044+0.0068	0.0019+0.0087	0.0110+0.0113	0.0000+0.0139	0.0232+0.0169	0.0000+0.0362
176	861122	0.0045+0.0051	0.0058+0.0066	0.0105+0.0085	0.0000+0.0102	0.0000+0.0132	0.0514+0.0293
176	861128	0.0000+0.0059	0.0081+0.0080	0.0097+0.0102	0.0000+0.0125	0.0185+0.0154	0.0032+0.0334
176	861204	0.0005+0.0072	0.0008+0.0092	0.0000+0.0116	0.0000+0.0151	0.0000+0.0191	0.0121+0.0403
176	861210	0.0000+0.0064	0.0002+0.0085	0.0057+0.0110	0.0082+0.0143	0.0000+0.0162	0.0000+0.0361
176	861216	0.0065+0.0058	0.0017+0.0070	0.0000+0.0088	0.0000+0.0111	0.0074+0.0137	0.0283+0.0313
176	861222	0.0009+0.0053	0.0000+0.0068	0.0091+0.0091	0.0000+0.0110	0.0000+0.0141	0.0075+0.0299
176	861228	0.0059+0.0060	0.0070+0.0077	0.0055+0.0096	0.0000+0.0119	0.0000+0.0138	0.0000+0.0312



PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	BA	LA	HG	PB
176	850805	0.0523+0.0781	0.0411+0.1165	0.0032+0.0020	0.1746+0.0112
176	850811	0.0599+0.0675	0.1740+0.1029	0.0005+0.0016	0.0873+0.0069
176	850817	0.0000+0.1196	0.0000+0.1789	0.0000+0.0028	0.0937+0.0094
176	850823	0.1179+0.0701	0.1166+0.1041	0.0068+0.0021	0.3115+0.0176
176	850829	0.0047+0.0670	0.0000+0.1084	0.0000+0.0016	0.1961+0.0120
176	850904	0.0000+0.1085	0.0000+0.1631	0.0000+0.0026	0.0960+0.0090
176	850910	0.0979+0.0717	0.2000+0.1086	0.0000+0.0018	0.0971+0.0075
176	850916	0.0891+0.0658	0.0000+0.1011	0.0031+0.0019	0.1199+0.0083
176	850922	0.0000+0.0956	0.0239+0.1474	0.0000+0.0022	0.1493+0.0106
176	850928	0.0068+0.0837	0.0764+0.1263	0.0000+0.0019	0.0960+0.0079
176	851004	0.0867+0.0972	0.0125+0.1442	0.0029+0.0024	0.2303+0.0143
176	851010	0.0863+0.0702	0.0000+0.1088	0.0000+0.0015	0.1884+0.0117
176	851016	0.1297+0.0649	0.0954+0.1014	0.0020+0.0017	0.1668+0.0106
176	851022	0.1107+0.0591	0.1036+0.0927	0.0000+0.0013	0.1639+0.0102
176	851028	0.1184+0.0766	0.0413+0.1198	0.0015+0.0018	0.1421+0.0095
176	851103	0.0000+0.0648	0.1312+0.1010	0.0000+0.0015	0.3034+0.0171
176	851109	0.0000+0.0651	0.1915+0.1222	0.0000+0.0010	0.0576+0.0063
176	851115	0.0000+0.0630	0.0133+0.1099	0.0013+0.0012	0.2075+0.0160
176	851121	0.0000+0.0678	0.1684+0.1207	0.0010+0.0013	0.1661+0.0133
176	851127	0.0234+0.0644	0.0039+0.1162	0.0000+0.0010	0.0843+0.0078
176	851203	0.0040+0.0833	0.0000+0.1505	0.0008+0.0015	0.1549+0.0128
176	851209	0.0871+0.0629	0.0321+0.1115	0.0006+0.0012	0.1726+0.0136
176	851215	0.0000+0.0661	0.0000+0.1155	0.0005+0.0012	0.3727+0.0276
176	851221	0.0000+0.0921	0.0000+0.1668	0.0019+0.0017	0.3171+0.0241
176	851227	0.0000+0.1016	0.0000+0.1824	0.0000+0.0017	0.2700+0.0210

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	BA	LA	HG	PB
176	860102	0.0000+0.0915	0.0000+0.1689	0.0000+0.0016	0.1854+0.0146
176	860108	0.0000+0.0831	0.0000+0.1533	0.0000+0.0015	0.1351+0.0112
176	860114	0.0584+0.0792	0.0000+0.1433	0.0000+0.0014	0.2019+0.0153
176	860120	0.0109+0.0599	0.0000+0.1099	0.0001+0.0010	0.1391+0.0109
176	860126	0.0311+0.0859	0.0000+0.1575	0.0000+0.0015	0.3911+0.0277
176	860201	0.0000+0.0802	0.0000+0.1488	0.0000+0.0014	0.1971+0.0150
176	860207	0.1109+0.0637	0.1163+0.1156	0.0003+0.0011	0.1776+0.0134
176	860213	0.0480+0.0613	0.0367+0.1124	0.0001+0.0010	0.0745+0.0069
176	860219	0.0000+0.0792	0.0000+0.1475	0.0019+0.0016	0.0994+0.0089
176	860225	0.0000+0.0776	0.0000+0.1439	0.0007+0.0015	0.2729+0.0197
176	860303	0.0165+0.0803	0.0000+0.1464	0.0000+0.0014	0.1638+0.0128
176	860309	0.0000+0.0614	0.0602+0.1148	0.0017+0.0013	0.0749+0.0070
176	860315	0.0000+0.0647	0.0000+0.1197	0.0000+0.0011	0.0490+0.0058
176	860321	0.0000+0.0878	0.0000+0.1627	0.0000+0.0015	0.1403+0.0116
176	860327	0.0637+0.0695	0.0000+0.1256	0.0008+0.0014	0.2371+0.0173
176	860402	0.0000+0.0826	0.0157+0.1502	0.0002+0.0015	0.0755+0.0081
176	860408	0.0000+0.0741	0.0142+0.1352	0.0000+0.0014	0.1328+0.0113
176	860414	0.0957+0.0590	0.0601+0.1044	0.0001+0.0010	0.1242+0.0104
176	860420	0.0281+0.0497	0.0000+0.0935	0.0003+0.0009	0.1482+0.0118
176	860426	0.0102+0.0621	0.0000+0.1166	0.0003+0.0011	0.1459+0.0119
176	860502	0.0511+0.0721	0.0000+0.1290	0.0011+0.0015	0.2947+0.0222
176	860508	0.0500+0.0717	0.1333+0.1310	0.0003+0.0014	0.1605+0.0130
176	860514	0.0000+0.0644	0.1172+0.1190	0.0000+0.0012	0.1735+0.0138
176	860520	0.0000+0.0680	0.0000+0.1231	0.0000+0.0012	0.0904+0.0085
176	860526	0.0150+0.0684	0.0000+0.1230	0.0000+0.0012	0.1134+0.0099
176	860601	0.0227+0.0590	0.1546+0.1095	0.0005+0.0011	0.1254+0.0105
176	860607	0.0164+0.0710	0.1511+0.1308	0.0018+0.0015	0.1399+0.0117
176	860613	0.1060+0.0676	0.1467+0.1216	0.0003+0.0012	0.2213+0.0171
176	860619	0.0000+0.0811	0.0000+0.1467	0.0007+0.0015	0.1604+0.0133
176	860625	0.1197+0.0741	0.0110+0.1309	0.0003+0.0014	0.2201+0.0171

PM10 CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	BA	LA	HG	PB
176	860701	0.0238+0.0567	0.0686+0.1033	0.0012+0.0011	0.1026+0.0089
176	860707	0.0515+0.0625	0.0256+0.1121	0.0012+0.0012	0.1248+0.0105
176	860713	0.0053+0.0633	0.0523+0.1155	0.0000+0.0011	0.1178+0.0101
176	860719	0.0000+0.0555	0.2844+0.1035	0.0016+0.0011	0.1973+0.0153
176	860725	0.0317+0.0642	0.1352+0.1179	0.0001+0.0011	0.1164+0.0099
176	860731	0.0000+0.0861	0.0000+0.1556	0.0000+0.0016	0.1763+0.0145
176	860806	0.0256+0.0763	0.0000+0.1376	0.0000+0.0014	0.0839+0.0083
176	860812	0.0441+0.0796	0.0000+0.1428	0.0008+0.0015	0.1919+0.0153
176	860818	0.0000+0.0864	0.0000+0.1574	0.0011+0.0017	0.2177+0.0172
176	860824	0.0000+0.0762	0.0000+0.1378	0.0002+0.0014	0.1022+0.0094
176	860830	0.0596+0.0703	0.0896+0.1272	0.0002+0.0012	0.1257+0.0107
176	860905	0.0000+0.0764	0.0000+0.1368	0.0005+0.0015	0.1816+0.0146
176	860911	0.0073+0.0711	0.0000+0.1288	0.0009+0.0014	0.1116+0.0098
176	860917	0.0684+0.0889	0.0000+0.1587	0.0019+0.0017	0.2048+0.0164
176	860923	0.0098+0.0724	0.0000+0.1304	0.0000+0.0012	0.0980+0.0090
176	860929	0.0343+0.0586	0.1492+0.1083	0.0000+0.0011	0.2098+0.0162
176	861005	0.0000+0.0777	0.0000+0.1411	0.0000+0.0014	0.1286+0.0111
176	861011	0.0000+0.0808	0.0000+0.1483	0.0000+0.0015	0.0988+0.0094
176	861017	0.0422+0.0792	0.0530+0.1433	0.0009+0.0015	0.1458+0.0123
176	861023	0.0934+0.0706	0.0810+0.1263	0.0000+0.0012	0.1576+0.0128
176	861029	0.0305+0.0768	0.1496+0.1406	0.0023+0.0016	0.3470+0.0260
176	861104	0.0448+0.0631	0.0426+0.1133	0.0014+0.0014	0.3069+0.0231
176	861110	0.0501+0.0663	0.0036+0.1184	0.0000+0.0011	0.1537+0.0124
176	861116	0.0000+0.0688	0.1562+0.1289	0.0002+0.0012	0.1903+0.0151
176	861122	0.0901+0.0544	0.1213+0.0956	0.0000+0.0010	0.2441+0.0185
176	861128	0.0577+0.0648	0.1646+0.1165	0.0000+0.0011	0.2132+0.0165
176	861204	0.0685+0.0777	0.0674+0.1371	0.0000+0.0015	0.3303+0.0249
176	861210	0.0902+0.0716	0.1451+0.1271	0.0020+0.0015	0.3022+0.0228
176	861216	0.0783+0.0597	0.1270+0.1057	0.0003+0.0011	0.2406+0.0184
176	861222	0.0000+0.0620	0.2073+0.1058	0.0002+0.0011	0.2517+0.0192
176	861228	0.0000+0.0646	0.1207+0.1104	0.0000+0.0011	0.1811+0.0144

## Part H

PM<sub>10</sub> Concentrations Measured at San Nicolas Island

This section contains data on PM<sub>10</sub> mass concentration and chemical composition measured at San Nicolas Island. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule over the period August 1985 - December 1986. Tabulated values are the daily average concentrations (and 1σ error bounds) for the following PM<sub>10</sub> ( $d_p < 10 \mu\text{m AD}$ ) aerosol species: PM<sub>10</sub> mass, organic carbon (OC), elemental carbon (EC), total carbon (TC = OC + EC), NO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>, SO<sub>4</sub><sup>=</sup>, NH<sub>4</sub><sup>+</sup>, Na<sup>+</sup>, Mg<sup>++</sup>, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.99 \pm -9.99$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol < are determined to be below their detection limit. In that case, the measured concentration is bounded up to the sample detection limit and the error bound is determined by statistically propagating the sampling and analysis precisions for that sample. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol < has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by Cl<sup>-</sup>, while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Water soluble PM<sub>10</sub> Br<sup>-</sup> aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	MASS	OC	EC	TC	NH4+
200	850805	20.50+- 3.98	2.37+- 0.44	< 0.40+- 0.34	< 2.76+- 0.08	0.63+- 0.03
200	850811	18.16+- 3.10	3.82+- 0.44	< 0.31+- 0.26	< 4.13+- 0.12	0.55+- 0.02
200	850817	12.24+- 3.10	2.34+- 0.36	< 0.31+- 0.26	< 2.65+- 0.08	0.52+- 0.02
200	850823	27.92+- 3.10	2.83+- 0.39	< 0.31+- 0.26	< 3.14+- 0.09	0.73+- 0.03
200	850829	24.28+- 3.34	5.44+- 0.54	< 0.33+- 0.28	< 5.78+- 0.17	0.56+- 0.02
200	850904	18.98+- 3.10	1.59+- 0.33	< 0.31+- 0.26	< 1.90+- 0.06	0.43+- 0.02
200	850910	13.07+- 3.10	2.46+- 0.37	< 0.31+- 0.26	< 2.77+- 0.08	0.16+- 0.01
200	850916	20.49+- 3.10	1.72+- 0.33	< 0.31+- 0.26	< 2.03+- 0.06	0.29+- 0.01
200	850922	32.60+- 3.10	4.81+- 0.49	0.49+- 0.27	5.30+- 0.16	0.90+- 0.04
200	850928	14.30+- 3.10	3.33+- 0.41	< 0.31+- 0.26	< 3.64+- 0.11	0.56+- 0.02
200	851004	24.21+- 3.10	4.44+- 0.47	< 0.31+- 0.26	< 4.75+- 0.14	0.98+- 0.04
200	851010	23.80+- 3.10	2.71+- 0.38	< 0.31+- 0.26	< 3.02+- 0.09	0.36+- 0.01
200	851016	26.96+- 3.10	3.57+- 0.43	0.49+- 0.27	4.07+- 0.12	0.43+- 0.02
200	851022	15.33+- 3.11	1.85+- 0.34	< 0.31+- 0.26	< 2.16+- 0.06	0.18+- 0.01
200	851028	19.26+- 3.10	3.70+- 0.43	< 0.31+- 0.26	< 4.01+- 0.12	1.13+- 0.05
200	851103	18.71+- 3.10	5.30+- 0.51	< 0.31+- 0.26	< 5.61+- 0.17	0.60+- 0.02
200	851109	17.88+- 3.10	1.22+- 0.31	< 0.31+- 0.26	< 1.53+- 0.05	0.10+- 0.00
200	851115	99.17+- 3.18	2.58+- 0.38	< 0.31+- 0.26	< 2.89+- 0.09	0.35+- 0.01
200	851121	16.64+- 3.10	2.83+- 0.39	0.37+- 0.27	3.20+- 0.10	0.57+- 0.02
200	851127	11.86+- 5.56	5.53+- 0.72	< 0.56+- 0.47	< 6.09+- 0.18	0.72+- 0.03
200	851203	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
200	851209	18.65+- 3.11	2.10+- 0.35	< 0.31+- 0.26	< 2.41+- 0.07	0.21+- 0.01
200	851215	54.74+- 3.12	3.57+- 0.43	0.37+- 0.27	3.94+- 0.12	0.46+- 0.02
200	851221	22.93+- 3.11	2.84+- 0.39	0.62+- 0.28	3.46+- 0.10	0.43+- 0.02
200	851227	19.22+- 4.04	3.70+- 0.51	0.48+- 0.35	4.18+- 0.13	1.72+- 0.07

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	MASS	OC	EC	TC	NH4+
200	860102	9.88+- 3.13	3.02+- 0.40	< 0.31+- 0.27	< 3.33+- 0.10	0.62+- 0.02
200	860108	21.30+- 3.14	2.83+- 0.39	0.78+- 0.29	3.61+- 0.11	0.17+- 0.01
200	860114	17.76+- 2.94	2.23+- 0.36	< 0.31+- 0.27	< 2.54+- 0.08	0.52+- 0.02
200	860120	19.41+- 2.95	1.96+- 0.35	< 0.32+- 0.27	< 2.27+- 0.07	0.27+- 0.01
200	860126	84.80+- 3.27	4.98+- 0.52	0.36+- 0.29	5.34+- 0.16	0.52+- 0.02
200	860201	51.73+- 2.97	1.61+- 0.33	< 0.32+- 0.27	< 1.93+- 0.06	0.12+- 0.00
200	860207	26.90+- 2.94	1.94+- 0.35	< 0.31+- 0.27	< 2.25+- 0.07	0.57+- 0.02
200	860213	14.89+- 2.94	1.48+- 0.33	< 0.31+- 0.27	< 1.80+- 0.05	< 0.10+- 0.00
200	860219	30.18+- 2.92	1.48+- 0.32	< 0.31+- 0.26	< 1.80+- 0.05	< 0.10+- 0.00
200	860225	60.99+- 2.97	2.64+- 0.38	< 0.31+- 0.27	< 2.96+- 0.09	0.57+- 0.02
200	860303	27.05+- 2.93	2.07+- 0.35	< 0.31+- 0.27	< 2.38+- 0.07	1.16+- 0.05
200	860309	16.91+- 2.93	1.08+- 0.30	< 0.31+- 0.27	< 1.39+- 0.04	< 0.10+- 0.00
200	860315	14.31+- 2.93	1.09+- 0.30	< 0.31+- 0.27	< 1.40+- 0.04	0.10+- 0.00
200	860321	42.66+- 2.94	1.95+- 0.35	< 0.31+- 0.27	< 2.27+- 0.07	0.41+- 0.02
200	860327	16.13+- 2.93	2.20+- 0.36	< 0.31+- 0.27	< 2.52+- 0.08	1.18+- 0.05
200	860402	-9.99+- -9.99	1.91+- 0.35	< 0.31+- 0.27	< 2.23+- 0.07	0.13+- 0.01
200	860408	9.01+- 2.94	1.56+- 0.33	< 0.31+- 0.27	< 1.87+- 0.06	0.25+- 0.01
200	860414	18.28+- 2.94	2.24+- 0.36	< 0.31+- 0.27	< 2.55+- 0.08	0.44+- 0.02
200	860420	18.94+- 2.94	3.23+- 0.41	< 0.31+- 0.27	< 3.55+- 0.11	0.70+- 0.03
200	860426	30.04+- 2.95	1.57+- 0.33	< 0.31+- 0.27	< 1.89+- 0.06	0.39+- 0.02
200	860502	9.01+- 2.94	0.62+- 0.28	< 0.31+- 0.27	< 0.93+- 0.03	0.49+- 0.02
200	860508	24.68+- 2.94	1.19+- 0.31	< 0.31+- 0.27	< 1.51+- 0.05	0.34+- 0.01
200	860514	32.64+- 2.94	1.70+- 0.34	< 0.31+- 0.27	< 2.02+- 0.06	0.57+- 0.02
200	860520	11.80+- 2.95	0.80+- 0.29	< 0.32+- 0.27	< 1.11+- 0.03	0.52+- 0.02
200	860526	4.72+- 2.95	1.17+- 0.31	0.43+- 0.27	1.61+- 0.05	0.78+- 0.03
200	860601	7.34+- 2.95	1.55+- 0.33	< 0.32+- 0.27	< 1.87+- 0.06	0.67+- 0.03
200	860607	25.99+- 2.94	0.99+- 0.30	< 0.31+- 0.27	< 1.31+- 0.04	0.47+- 0.02
200	860613	21.14+- 2.96	1.25+- 0.32	< 0.32+- 0.27	< 1.57+- 0.05	0.82+- 0.03
200	860619	44.52+- 2.97	1.35+- 0.32	< 0.32+- 0.27	< 1.67+- 0.05	0.39+- 0.02
200	860625	16.55+- 2.96	1.07+- 0.31	< 0.32+- 0.27	< 1.39+- 0.04	0.96+- 0.04

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	MASS	OC	EC	TC	NH4+
200	860701	10.77+- 2.96	0.86+- 0.30	< 0.32+- 0.27	< 1.18+- 0.04	0.83+- 0.03
200	860707	14.48+- 2.96	0.58+- 0.28	< 0.32+- 0.27	< 0.90+- 0.03	0.42+- 0.02
200	860713	26.18+- 3.01	0.50+- 0.28	< 0.31+- 0.27	< 0.82+- 0.02	0.53+- 0.02
200	860719	16.79+- 3.10	0.70+- 0.29	< 0.32+- 0.28	< 1.02+- 0.03	0.58+- 0.02
200	860725	14.35+- 3.02	0.57+- 0.28	0.32+- 0.27	0.89+- 0.03	0.54+- 0.02
200	860731	36.22+- 3.03	1.55+- 0.33	< 0.32+- 0.27	< 1.87+- 0.06	0.90+- 0.04
200	860806	< -9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99
200	860812	4.68+- 3.01	1.17+- 0.31	< 0.31+- 0.27	< 1.48+- 0.04	0.54+- 0.02
200	860818	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99
200	860824	20.26+- 2.93	1.88+- 0.34	< 0.31+- 0.27	< 2.19+- 0.07	1.14+- 0.05
200	860830	17.01+- 2.92	0.76+- 0.29	< 0.31+- 0.27	< 1.08+- 0.03	0.49+- 0.02
200	860905	< 2.47+- 2.92	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	0.10+- 0.00
200	860911	14.74+- 2.94	1.75+- 0.34	< 0.31+- 0.27	< 2.06+- 0.06	0.83+- 0.03
200	860917	13.77+- 2.92	0.73+- 0.29	< 0.31+- 0.27	< 1.04+- 0.03	0.26+- 0.01
200	860923	12.73+- 2.92	1.20+- 0.31	< 0.31+- 0.27	< 1.51+- 0.05	0.44+- 0.02
200	860929	14.67+- 2.92	1.33+- 0.32	< 0.31+- 0.27	< 1.64+- 0.05	0.36+- 0.01
200	861005	8.96+- 2.92	1.48+- 0.32	< 0.31+- 0.27	< 1.79+- 0.05	0.36+- 0.01
200	861011	11.61+- 2.94	1.12+- 0.31	< 0.31+- 0.27	< 1.43+- 0.04	0.57+- 0.02
200	861017	19.09+- 2.93	0.88+- 0.29	< 0.31+- 0.27	< 1.19+- 0.04	-9.99+- -9.99
200	861023	13.69+- 2.94	1.32+- 0.32	< 0.31+- 0.27	< 1.63+- 0.05	1.04+- 0.04
200	861029	15.58+- 2.92	0.73+- 0.29	< 0.31+- 0.27	< 1.04+- 0.03	0.31+- 0.01
200	861104	20.73+- 2.94	2.64+- 0.38	0.37+- 0.27	3.00+- 0.09	0.78+- 0.03
200	861110	16.62+- 2.92	2.73+- 0.39	0.41+- 0.27	3.14+- 0.09	0.34+- 0.01
200	861116	35.17+- 5.83	4.46+- 0.72	1.10+- 0.55	5.56+- 0.17	0.93+- 0.04
200	861122	22.60+- 2.93	1.25+- 0.31	< 0.31+- 0.27	< 1.56+- 0.05	0.21+- 0.01
200	861128	14.67+- 2.92	2.41+- 0.37	0.65+- 0.28	3.07+- 0.09	0.52+- 0.02
200	861204	11.08+- 2.94	1.56+- 0.33	< 0.31+- 0.27	< 1.87+- 0.06	0.50+- 0.02
200	861210	15.06+- 2.92	1.63+- 0.33	< 0.31+- 0.27	< 1.94+- 0.06	0.73+- 0.03
200	861216	12.73+- 2.92	1.55+- 0.33	< 0.31+- 0.27	< 1.86+- 0.06	0.57+- 0.02
200	861222	14.02+- 2.92	1.41+- 0.32	< 0.31+- 0.27	< 1.73+- 0.05	0.36+- 0.01
200	861228	24.80+- 2.93	1.53+- 0.33	< 0.31+- 0.27	< 1.84+- 0.06	0.49+- 0.02

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	CL-	NO3-	SO4=	NA+
200	850805	4.47+- 0.53	1.32+- 0.09	3.29+- 0.16	3.47+- 0.26
200	850811	2.41+- 0.29	2.10+- 0.13	2.86+- 0.14	2.27+- 0.17
200	850817	0.76+- 0.09	0.68+- 0.05	2.10+- 0.10	1.43+- 0.12
200	850823	4.16+- 0.50	1.96+- 0.12	3.51+- 0.17	3.50+- 0.26
200	850829	5.15+- 0.61	2.02+- 0.13	2.65+- 0.13	3.57+- 0.26
200	850904	4.53+- 0.54	1.00+- 0.07	2.52+- 0.12	3.10+- 0.23
200	850910	3.74+- 0.45	0.34+- 0.03	0.96+- 0.05	1.88+- 0.15
200	850916	7.01+- 0.83	0.83+- 0.06	1.82+- 0.09	3.82+- 0.28
200	850922	2.55+- 0.30	2.53+- 0.16	3.83+- 0.18	2.63+- 0.20
200	850928	2.39+- 0.28	0.79+- 0.05	1.99+- 0.10	1.69+- 0.13
200	851004	1.29+- 0.15	1.57+- 0.10	3.28+- 0.16	1.38+- 0.11
200	851010	2.46+- 0.29	2.23+- 0.14	1.70+- 0.08	2.11+- 0.16
200	851016	6.06+- 0.72	3.08+- 0.19	2.35+- 0.11	4.49+- 0.32
200	851022	5.06+- 0.60	1.43+- 0.09	1.34+- 0.06	3.29+- 0.24
200	851028	1.19+- 0.14	3.01+- 0.19	3.71+- 0.18	1.85+- 0.14
200	851103	0.90+- 0.11	1.34+- 0.09	1.96+- 0.09	1.13+- 0.10
200	851109	5.41+- 0.64	0.45+- 0.03	1.29+- 0.06	3.86+- 0.28
200	851115	1.87+- 0.22	2.30+- 0.14	1.45+- 0.07	1.81+- 0.14
200	851121	1.06+- 0.13	3.36+- 0.21	1.34+- 0.06	1.59+- 0.13
200	851127	0.50+- 0.06	1.66+- 0.11	2.61+- 0.13	0.95+- 0.10
200	851203	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
200	851209	4.69+- 0.56	1.83+- 0.12	1.60+- 0.08	3.43+- 0.25
200	851215	0.50+- 0.06	1.54+- 0.10	1.26+- 0.06	0.94+- 0.08
200	851221	0.84+- 0.10	1.74+- 0.11	1.24+- 0.06	0.98+- 0.09
200	851227	0.53+- 0.06	1.61+- 0.11	4.16+- 0.20	0.50+- 0.06



PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
200	860102	0.30+- 0.06	1.33+- 0.06	1.78+- 0.09	0.61+- 0.05	0.08+- 0.01
200	860108	1.13+- 0.20	1.41+- 0.06	0.82+- 0.04	0.95+- 0.07	0.14+- 0.01
200	860114	3.08+- 0.53	1.64+- 0.07	2.17+- 0.10	2.34+- 0.16	0.32+- 0.03
200	860120	3.97+- 0.68	1.64+- 0.07	1.53+- 0.07	2.93+- 0.20	0.33+- 0.03
200	860126	0.29+- 0.06	2.18+- 0.09	1.19+- 0.06	0.58+- 0.04	0.08+- 0.01
200	860201	10.77+- 1.82	1.07+- 0.04	2.21+- 0.11	7.00+- 0.48	0.78+- 0.07
200	860207	2.50+- 0.43	2.85+- 0.12	1.19+- 0.06	2.33+- 0.16	0.26+- 0.02
200	860213	0.30+- 0.06	0.14+- 0.01	0.39+- 0.02	0.26+- 0.02	0.03+- 0.00
200	860219	5.46+- 0.93	0.43+- 0.02	0.99+- 0.05	3.43+- 0.24	0.43+- 0.04
200	860225	9.85+- 1.67	1.93+- 0.08	3.14+- 0.15	6.73+- 0.46	0.78+- 0.07
200	860303	1.71+- 0.29	3.17+- 0.13	3.56+- 0.17	2.37+- 0.16	0.28+- 0.02
200	860309	4.46+- 0.76	0.55+- 0.02	0.78+- 0.04	2.57+- 0.18	0.31+- 0.03
200	860315	4.06+- 0.69	0.23+- 0.01	0.73+- 0.04	2.54+- 0.18	0.31+- 0.03
200	860321	2.57+- 0.44	2.91+- 0.12	1.98+- 0.10	2.56+- 0.18	0.30+- 0.03
200	860327	0.69+- 0.12	1.99+- 0.08	3.90+- 0.19	1.39+- 0.10	0.20+- 0.02
200	860402	8.44+- 1.43	1.24+- 0.05	1.88+- 0.09	5.47+- 0.37	0.67+- 0.06
200	860408	1.23+- 0.21	0.78+- 0.03	0.99+- 0.05	0.86+- 0.06	0.11+- 0.01
200	860414	3.35+- 0.57	3.58+- 0.15	1.90+- 0.09	2.87+- 0.20	0.35+- 0.03
200	860420	0.89+- 0.16	1.74+- 0.07	1.96+- 0.09	0.90+- 0.06	0.16+- 0.01
200	860426	9.62+- 1.63	0.08+- 0.00	3.05+- 0.15	6.31+- 0.43	0.77+- 0.07
200	860502	1.84+- 0.32	0.91+- 0.04	1.74+- 0.08	1.28+- 0.09	0.18+- 0.01
200	860508	8.77+- 1.48	2.01+- 0.08	2.40+- 0.12	5.22+- 0.36	0.65+- 0.06
200	860514	11.00+- 1.86	2.85+- 0.12	4.07+- 0.20	6.74+- 0.46	0.85+- 0.07
200	860520	3.08+- 0.53	1.13+- 0.05	2.29+- 0.11	2.36+- 0.16	0.25+- 0.02
200	860526	0.27+- 0.05	0.59+- 0.02	2.32+- 0.11	0.46+- 0.03	0.07+- 0.01
200	860601	1.50+- 0.26	0.61+- 0.03	1.56+- 0.07	0.95+- 0.07	0.11+- 0.01
200	860607	7.51+- 1.27	0.99+- 0.04	2.36+- 0.11	4.46+- 0.31	0.49+- 0.04
200	860613	2.18+- 0.37	1.96+- 0.08	3.29+- 0.16	2.48+- 0.17	0.29+- 0.02
200	860619	10.09+- 1.71	2.05+- 0.09	2.36+- 0.11	8.09+- 0.55	0.88+- 0.08
200	860625	1.01+- 0.18	1.16+- 0.05	3.03+- 0.15	1.11+- 0.08	0.12+- 0.01

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
200	860701	0.71+- 0.13	0.35+- 0.01	2.45+- 0.12	0.82+- 0.06	0.10+- 0.01
200	860707	2.38+- 0.41	0.85+- 0.04	1.61+- 0.08	1.59+- 0.11	0.19+- 0.02
200	860713	1.08+- 0.19	0.61+- 0.03	1.62+- 0.08	0.79+- 0.06	0.10+- 0.01
200	860719	4.57+- 0.78	1.56+- 0.07	2.86+- 0.14	3.26+- 0.22	0.39+- 0.03
200	860725	0.77+- 0.14	0.65+- 0.03	1.75+- 0.08	0.72+- 0.05	0.09+- 0.01
200	860731	4.81+- 0.82	1.83+- 0.08	5.08+- 0.24	4.17+- 0.29	0.47+- 0.04
200	860806	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
200	860812	0.58+- 0.10	0.65+- 0.03	1.88+- 0.09	0.72+- 0.05	0.09+- 0.01
200	860818	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99
200	860824	1.77+- 0.31	2.12+- 0.09	4.47+- 0.21	2.18+- 0.15	0.27+- 0.02
200	860830	5.18+- 0.88	1.05+- 0.04	2.12+- 0.10	3.31+- 0.23	0.36+- 0.03
200	860905	< 0.06+- 0.02	0.13+- 0.01	0.10+- 0.00	< 0.05+- 0.01	< 0.03+- 0.00
200	860911	1.46+- 0.25	2.30+- 0.10	2.86+- 0.14	1.90+- 0.13	0.20+- 0.02
200	860917	3.03+- 0.52	0.41+- 0.02	0.86+- 0.04	1.80+- 0.13	0.18+- 0.02
200	860923	3.71+- 0.63	0.91+- 0.04	1.67+- 0.08	2.00+- 0.14	0.23+- 0.02
200	860929	6.62+- 1.12	2.29+- 0.10	1.02+- 0.05	4.53+- 0.31	0.44+- 0.04
200	861005	4.69+- 0.80	0.37+- 0.02	0.73+- 0.04	0.94+- 0.07	0.08+- 0.01
200	861011	1.58+- 0.27	0.94+- 0.04	2.20+- 0.11	1.37+- 0.10	0.18+- 0.02
200	861017	3.47+- 0.59	1.14+- 0.05	1.89+- 0.09	2.41+- 0.17	0.29+- 0.02
200	861023	0.33+- 0.06	1.14+- 0.05	3.05+- 0.15	0.70+- 0.05	0.18+- 0.02
200	861029	3.75+- 0.64	1.88+- 0.08	1.50+- 0.07	2.51+- 0.17	0.29+- 0.02
200	861104	1.85+- 0.32	3.48+- 0.15	2.60+- 0.12	2.27+- 0.16	0.27+- 0.02
200	861110	0.29+- 0.06	1.30+- 0.05	0.92+- 0.04	0.64+- 0.05	0.10+- 0.01
200	861116	1.72+- 0.30	1.38+- 0.06	1.58+- 0.08	0.59+- 0.05	0.08+- 0.01
200	861122	7.84+- 1.33	1.73+- 0.07	1.69+- 0.08	5.00+- 0.34	0.59+- 0.05
200	861128	1.76+- 0.30	2.05+- 0.09	1.69+- 0.08	1.65+- 0.12	0.19+- 0.02
200	861204	0.43+- 0.08	1.38+- 0.06	1.70+- 0.08	0.73+- 0.05	0.11+- 0.01
200	861210	0.96+- 0.17	3.35+- 0.14	1.58+- 0.08	1.59+- 0.11	0.19+- 0.02
200	861216	1.53+- 0.26	1.78+- 0.07	1.63+- 0.08	1.57+- 0.11	0.20+- 0.02
200	861222	4.02+- 0.68	1.76+- 0.07	0.81+- 0.04	1.80+- 0.13	0.21+- 0.02
200	861228	4.22+- 0.72	2.90+- 0.12	1.71+- 0.08	3.09+- 0.21	0.40+- 0.03

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	AL	SI	P	S	CL	K
200	850805	0.1634+0.0224	0.2574+0.0345	0.0933+0.0193	1.4039+0.0816	4.2217+0.2191	0.1560+0.0111
200	850811	0.3127+0.0396	0.7722+0.1008	0.0890+0.0184	1.3216+0.0755	3.4171+0.1772	0.2186+0.0136
200	850817	0.0835+0.0124	0.1524+0.0207	0.0407+0.0088	0.8945+0.0536	0.6336+0.0371	0.0530+0.0051
200	850823	0.8518+0.1043	2.2745+0.2952	0.1545+0.0314	1.6856+0.0935	5.6975+0.2920	0.4853+0.0271
200	850829	0.3291+0.0416	0.5922+0.0775	0.0923+0.0190	1.1086+0.0650	4.8607+0.2502	0.2009+0.0129
200	850904	0.3423+0.0431	0.6496+0.0849	0.1109+0.0227	1.4063+0.0796	6.4480+0.3298	0.2585+0.0157
200	850910	0.1244+0.0173	0.2230+0.0298	0.0525+0.0113	0.5718+0.0378	3.6442+0.1886	0.1234+0.0088
200	850916	0.2126+0.0277	0.3156+0.0417	0.1355+0.0276	1.3149+0.0750	8.5030+0.4333	0.2274+0.0142
200	850922	0.2987+0.0379	0.7436+0.0970	0.0836+0.0172	1.4638+0.0823	2.2565+0.1188	0.2711+0.0162
200	850928	0.2375+0.0310	0.4593+0.0603	0.0721+0.0153	0.9739+0.0587	3.8883+0.2010	0.1836+0.0120
200	851004	0.3125+0.0433	0.8270+0.1155	0.0387+0.0088	1.2799+0.0993	0.8908+0.0672	0.1687+0.0142
200	851010	1.1191+0.1366	3.2325+0.4192	0.1304+0.0265	0.9759+0.0579	4.3692+0.2250	0.5381+0.0297
200	851016	0.5203+0.0645	1.0648+0.1386	0.1140+0.0234	1.2110+0.0697	5.4022+0.2772	0.3590+0.0206
200	851022	0.1759+0.0235	0.2463+0.0328	0.1199+0.0245	1.1250+0.0656	8.3183+0.4241	0.2155+0.0135
200	851028	0.1501+0.0202	0.3038+0.0402	0.0642+0.0133	1.4190+0.0801	0.9671+0.0538	0.1177+0.0084
200	851103	0.5175+0.0690	1.4517+0.2020	0.0392+0.0085	0.8362+0.0664	0.9376+0.0702	0.2451+0.0192
200	851109	0.3116+0.0426	0.6494+0.0909	0.0957+0.0201	1.1149+0.0863	9.7650+0.6958	0.2867+0.0223
200	851115	0.3615+0.0491	1.2413+0.1730	0.0552+0.0119	0.6240+0.0531	2.2001+0.1597	0.2003+0.0164
200	851121	0.0716+0.0144	0.1379+0.0207	0.0186+0.0051	0.5570+0.0504	1.5101+0.1110	0.1258+0.0112
200	851127	0.0398+0.0088	0.0426+0.0076	0.0197+0.0046	0.6360+0.0526	0.7290+0.0555	0.0497+0.0055
200	851203	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	851209	0.5996+0.0799	0.2349+0.0335	0.0586+0.0125	0.9149+0.0725	5.5079+0.3941	0.1600+0.0133
200	851215	0.1235+0.0187	0.3583+0.0506	0.0258+0.0059	0.5344+0.0466	0.6848+0.0525	0.0927+0.0086
200	851221	0.5568+0.0742	1.4836+0.2065	0.0429+0.0093	0.5864+0.0498	0.9690+0.0725	0.2342+0.0186
200	851227	0.2059+0.0290	0.3600+0.0508	0.0275+0.0063	1.1702+0.0903	0.1128+0.0133	0.0776+0.0076

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	AL	SI	P	S	CL	K
200	860102	0.0272+0.0091	0.0337+0.0074	0.0219+0.0054	0.6773+0.0606	0.3938+0.0341	0.0467+0.0067
200	860108	0.7670+0.1012	1.6370+0.2274	0.0407+0.0089	0.4390+0.0460	1.2248+0.0915	0.2644+0.0216
200	860114	0.3255+0.0438	0.8209+0.1135	0.0541+0.0115	1.0809+0.0848	3.6504+0.2528	0.2225+0.0181
200	860120	0.2179+0.0297	0.1749+0.0249	0.0524+0.0111	0.8063+0.0649	4.3107+0.2980	0.1441+0.0126
200	860126	5.5928+0.7303	2.7112+0.3772	0.0633+0.0136	0.6624+0.0661	0.6281+0.0509	0.4499+0.0349
200	860201	0.4459+0.0591	0.1505+0.0218	0.1137+0.0236	1.4227+0.1075	11.5938+0.7917	0.2712+0.0213
200	860207	0.1765+0.0248	0.4226+0.0588	0.0485+0.0104	0.8023+0.0656	3.2862+0.2279	0.1908+0.0158
200	860213	0.4171+0.0554	0.0471+0.0084	0.0222+0.0053	0.2729+0.0340	0.7685+0.0579	0.0449+0.0062
200	860219	0.0961+0.0148	0.1170+0.0171	0.0669+0.0141	0.7763+0.0632	6.2618+0.4281	0.1543+0.0133
200	860225	1.0593+0.1381	0.5134+0.0715	0.1201+0.0251	1.8533+0.1399	11.6056+0.7917	0.3834+0.0292
200	860303	0.3195+0.0429	0.4098+0.0571	0.0698+0.0148	1.7597+0.1295	3.2467+0.2251	0.2130+0.0174
200	860309	0.1083+0.0164	0.1306+0.0190	0.0490+0.0105	0.6094+0.0527	4.3810+0.3016	0.1052+0.0101
200	860315	0.1286+0.0185	0.1950+0.0276	0.0462+0.0098	0.5245+0.0464	4.1762+0.2878	0.1232+0.0111
200	860321	0.5525+0.0726	0.9405+0.1299	0.0685+0.0144	1.0693+0.0834	4.3856+0.3020	0.2536+0.0201
200	860327	0.2633+0.0358	0.5784+0.0809	0.0439+0.0095	1.7104+0.1297	0.9480+0.0721	0.1406+0.0127
200	860402	1.2595+0.1655	1.6533+0.2301	0.1850+0.0385	1.8102+0.1388	13.4179+0.9505	0.5402+0.0410
200	860408	0.2127+0.0297	0.1347+0.0198	0.0206+0.0052	0.4668+0.0459	1.0867+0.0821	0.0709+0.0082
200	860414	0.2302+0.0321	0.6250+0.0875	0.0473+0.0103	0.9612+0.0790	3.6459+0.2622	0.2117+0.0180
200	860420	1.4686+0.1925	2.8014+0.3894	0.0637+0.0135	1.1304+0.0895	1.9115+0.1400	0.4130+0.0319
200	860426	0.4551+0.0608	1.0904+0.1520	0.1140+0.0238	1.5654+0.1202	9.2927+0.6599	0.3692+0.0289
200	860502	0.4847+0.0645	0.9340+0.1303	0.0491+0.0105	0.8567+0.0704	2.8317+0.2048	0.1813+0.0156
200	860508	0.2545+0.0351	0.4855+0.0682	0.0893+0.0188	1.3920+0.1084	8.3195+0.5914	0.2581+0.0212
200	860514	0.2767+0.0380	0.4514+0.0634	0.1151+0.0241	2.2214+0.1660	9.9253+0.7031	0.3015+0.0242
200	860520	0.2315+0.0321	0.4246+0.0599	0.0522+0.0112	1.3084+0.1035	3.8056+0.2774	0.1710+0.0151
200	860526	0.2067+0.0288	0.4650+0.0653	0.0238+0.0056	0.9633+0.0785	0.4431+0.0371	0.0816+0.0087
200	860601	0.1762+0.0252	0.2397+0.0342	0.0207+0.0051	0.7390+0.0637	1.5815+0.1171	0.0704+0.0082
200	860607	0.3289+0.0445	0.4900+0.0688	0.1099+0.0229	1.5802+0.1212	9.7842+0.6945	0.2797+0.0226
200	860613	0.3083+0.0419	0.5507+0.0772	0.0448+0.0098	1.4757+0.1148	2.3534+0.1717	0.1704+0.0150
200	860619	0.5273+0.0703	1.0636+0.1484	0.1256+0.0262	1.6059+0.1233	11.6402+0.8276	0.3757+0.0294
200	860625	0.3055+0.0414	0.5997+0.0840	0.0349+0.0076	1.4020+0.1087	0.5857+0.0469	0.1178+0.0111

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	AL	SI	P	S	CL	K
200	860701	0.1476+0.0210	0.3227+0.0455	0.0321+0.0070	1.2276+0.0962	1.2373+0.0927	0.0850+0.0087
200	860707	0.1479+0.0215	0.2549+0.0363	0.0313+0.0071	0.8395+0.0704	2.2686+0.1658	0.1003+0.0102
200	860713	0.2097+0.0293	0.4226+0.0594	0.0545+0.0117	1.3746+0.1073	4.3894+0.3146	0.1873+0.0162
200	860719	0.2205+0.0309	0.6048+0.0847	0.0260+0.0063	0.7703+0.0670	0.8902+0.0684	0.1064+0.0108
200	860725	0.2438+0.0336	0.4705+0.0660	0.0319+0.0072	0.8638+0.0717	1.3135+0.0981	0.1252+0.0119
200	860731	0.2704+0.0368	0.4761+0.0668	0.0806+0.0169	2.3121+0.1724	4.3287+0.3104	0.2525+0.0206
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.1318+0.0192	0.2643+0.0378	0.0000+0.0051	0.8743+0.0736	0.6055+0.0496	0.0764+0.0082
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.2219+0.0310	0.5816+0.0820	0.0000+0.0086	1.6528+0.1295	1.2891+0.0988	0.1514+0.0138
200	860830	0.1613+0.0232	0.2767+0.0394	0.0000+0.0113	1.1320+0.0920	4.1958+0.3077	0.1453+0.0133
200	860905	0.1355+0.0202	0.3814+0.0540	0.0000+0.0055	0.7623+0.0660	0.8852+0.0692	0.0841+0.0091
200	860911	0.4484+0.0603	1.1087+0.1555	0.0000+0.0083	1.2024+0.0966	0.7611+0.0604	0.2021+0.0174
200	860917	0.1551+0.0225	0.3472+0.0493	0.0000+0.0070	0.4990+0.0481	2.4853+0.1843	0.1069+0.0106
200	860923	0.1698+0.0241	0.3707+0.0525	0.0000+0.0103	0.8961+0.0746	3.7113+0.2727	0.1648+0.0147
200	860929	0.1766+0.0249	0.2710+0.0386	0.0000+0.0130	0.8443+0.0706	4.6420+0.3398	0.1764+0.0154
200	861005	0.4350+0.0585	0.7402+0.1040	0.0000+0.0051	0.4024+0.0399	0.4896+0.0406	0.1211+0.0114
200	861011	0.1661+0.0236	0.3171+0.0451	0.0000+0.0094	1.1137+0.0903	2.4177+0.1799	0.1300+0.0121
200	861017	0.2532+0.0349	0.6179+0.0869	0.0000+0.0111	1.0261+0.0837	3.6788+0.2704	0.1766+0.0155
200	861023	0.2401+0.0331	0.6171+0.0869	0.0000+0.0075	1.1580+0.0935	0.5077+0.0422	0.1442+0.0131
200	861029	0.2889+0.0395	0.7001+0.0984	0.0000+0.0125	0.9305+0.0774	4.8897+0.3577	0.2247+0.0189
200	861104	0.2671+0.0367	0.6924+0.0974	0.0000+0.0114	1.1750+0.0960	2.3329+0.1738	0.2633+0.0217
200	861111	0.8584+0.1139	2.1561+0.3017	0.0191+0.0096	0.3961+0.0415	0.4654+0.0391	0.3444+0.0276
200	861116	0.4158+0.0690	1.1641+0.1942	0.0136+0.0070	0.8685+0.1159	0.1447+0.0269	0.1665+0.0232
200	861122	0.3602+0.0489	0.8618+0.1210	0.0215+0.0108	1.0316+0.0849	7.8506+0.5741	0.3691+0.0294
200	861128	0.2331+0.0324	0.4329+0.0612	0.0078+0.0039	0.7640+0.0666	1.7558+0.1325	0.1473+0.0135
200	861204	0.4523+0.0608	1.3126+0.1841	0.0079+0.0040	0.7771+0.0663	1.4456+0.1101	0.2092+0.0179
200	861210	0.1518+0.0217	0.3464+0.0491	0.0072+0.0037	0.7918+0.0670	1.5781+0.1195	0.1282+0.0119
200	861216	0.2104+0.0295	0.4194+0.0593	0.0067+0.0034	0.7420+0.0648	1.5323+0.1163	0.1197+0.0115
200	861222	0.2138+0.0298	0.1320+0.0194	0.0100+0.0051	0.7880+0.0672	3.3461+0.2476	0.1299+0.0122
200	861228	0.2093+0.0293	0.3656+0.0518	0.0130+0.0065	0.9801+0.0812	4.6776+0.3441	0.1944+0.0168

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	CA	TI	V	CR	MN	FE
200	850805	0.1754+0.0111	0.0087+0.0016	0.0018+0.0009	0.0012+0.0011	0.0023+0.0012	0.0744+0.0065
200	850811	0.2578+0.0149	0.0227+0.0022	0.0028+0.0011	0.0041+0.0012	0.0051+0.0012	0.2143+0.0129
200	850817	0.0543+0.0045	0.0052+0.0012	0.0030+0.0008	0.0007+0.0008	0.0022+0.0010	0.0326+0.0039
200	850823	1.0040+0.0523	0.0968+0.0061	0.0069+0.0017	0.0059+0.0012	0.0116+0.0014	0.7146+0.0380
200	850829	0.3268+0.0182	0.0166+0.0019	0.0041+0.0010	0.0022+0.0010	0.0033+0.0010	0.1354+0.0092
200	850904	0.3481+0.0194	0.0215+0.0022	0.0028+0.0010	0.0019+0.0011	0.0047+0.0012	0.1783+0.0111
200	850910	0.1769+0.0107	0.0087+0.0015	0.0006+0.0008	0.0007+0.0010	0.0010+0.0011	0.0585+0.0052
200	850916	0.3047+0.0171	0.0078+0.0015	0.0017+0.0008	0.0014+0.0010	0.0018+0.0011	0.0714+0.0059
200	850922	0.2369+0.0138	0.0304+0.0026	0.0032+0.0011	0.0025+0.0010	0.0063+0.0012	0.2377+0.0142
200	850928	0.2450+0.0143	0.0173+0.0021	0.0021+0.0011	0.0004+0.0012	0.0041+0.0015	0.1193+0.0085
200	851004	0.2475+0.0190	0.0215+0.0027	0.0077+0.0017	0.0007+0.0016	0.0055+0.0021	0.1923+0.0156
200	851010	0.8582+0.0451	0.0935+0.0059	0.0073+0.0017	0.0072+0.0012	0.0191+0.0018	0.8605+0.0454
200	851016	0.4514+0.0246	0.0349+0.0029	0.0051+0.0011	0.0032+0.0010	0.0080+0.0012	0.2762+0.0160
200	851022	0.2711+0.0155	0.0045+0.0012	0.0037+0.0010	0.0023+0.0010	0.0010+0.0010	0.0303+0.0039
200	851028	0.1300+0.0083	0.0110+0.0015	0.0015+0.0007	0.0023+0.0008	0.0021+0.0010	0.0791+0.0061
200	851103	0.4758+0.0349	0.0426+0.0039	0.0074+0.0014	0.0023+0.0010	0.0124+0.0016	0.3701+0.0276
200	851109	0.4798+0.0354	0.0197+0.0022	0.0026+0.0010	0.0011+0.0010	0.0025+0.0013	0.1485+0.0122
200	851115	0.7360+0.0534	0.0284+0.0030	0.0067+0.0014	0.0026+0.0013	0.0059+0.0017	0.2522+0.0195
200	851121	0.1069+0.0092	0.0058+0.0017	0.0036+0.0014	0.0001+0.0015	0.0000+0.0019	0.0311+0.0055
200	851127	0.0499+0.0049	0.0033+0.0011	0.0000+0.0008	0.0000+0.0009	0.0005+0.0011	0.0080+0.0030
200	851203	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	851209	0.2374+0.0182	0.0072+0.0014	0.0008+0.0009	0.0000+0.0010	0.0003+0.0014	0.0329+0.0047
200	851215	0.1437+0.0115	0.0123+0.0019	0.0077+0.0013	0.0005+0.0011	0.0038+0.0014	0.0889+0.0082
200	851221	0.5952+0.0434	0.0453+0.0041	0.0077+0.0014	0.0024+0.0010	0.0091+0.0016	0.3782+0.0282
200	851227	0.0987+0.0084	0.0133+0.0019	0.0059+0.0013	0.0013+0.0011	0.0042+0.0014	0.0829+0.0077

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	CA	TI	V	CR	MN	FE
200	860102	0.0340+0.0048	0.0042+0.0017	0.0028+0.0014	0.0005+0.0013	0.0035+0.0017	0.0019+0.0038
200	860108	0.5677+0.0417	0.0721+0.0064	0.0072+0.0021	0.0052+0.0014	0.0158+0.0022	0.5473+0.0398
200	860114	0.4558+0.0328	0.0241+0.0028	0.0028+0.0014	0.0013+0.0012	0.0068+0.0016	0.1990+0.0152
200	860120	0.1641+0.0131	0.0054+0.0013	0.0014+0.0008	0.0011+0.0008	0.0014+0.0010	0.0306+0.0038
200	860126	0.9453+0.0689	0.1025+0.0086	0.0089+0.0024	0.0246+0.0026	0.0299+0.0031	0.9163+0.0664
200	860201	0.3148+0.0234	0.0043+0.0014	0.0031+0.0012	0.0008+0.0011	0.0010+0.0013	0.0093+0.0032
200	860207	0.2466+0.0187	0.0150+0.0021	0.0020+0.0011	0.0024+0.0011	0.0021+0.0012	0.1035+0.0087
200	860213	0.0418+0.0050	0.0028+0.0014	0.0015+0.0011	0.0021+0.0012	0.0020+0.0014	0.0160+0.0037
200	860219	0.1737+0.0137	0.0036+0.0013	0.0011+0.0009	0.0000+0.0009	0.0005+0.0011	0.0120+0.0032
200	860225	0.5743+0.0410	0.0365+0.0039	0.0068+0.0019	0.0090+0.0019	0.0037+0.0020	0.1489+0.0124
200	860303	0.2448+0.0186	0.0123+0.0021	0.0047+0.0013	0.0000+0.0011	0.0050+0.0014	0.0838+0.0076
200	860309	0.1484+0.0120	0.0057+0.0016	0.0000+0.0009	0.0000+0.0009	0.0014+0.0012	0.0196+0.0038
200	860315	0.1620+0.0128	0.0074+0.0015	0.0001+0.0008	0.0012+0.0008	0.0004+0.0009	0.0380+0.0044
200	860321	0.4180+0.0302	0.0294+0.0031	0.0050+0.0014	0.0028+0.0011	0.0041+0.0012	0.2030+0.0153
200	860327	0.2050+0.0163	0.0129+0.0021	0.0028+0.0012	0.0013+0.0009	0.0028+0.0012	0.1347+0.0109
200	860402	1.1981+0.0863	0.0481+0.0048	0.0034+0.0018	0.0040+0.0014	0.0084+0.0019	0.3190+0.0240
200	860408	0.0649+0.0066	0.0032+0.0018	0.0017+0.0013	0.0008+0.0012	0.0007+0.0014	0.0232+0.0039
200	860414	0.2555+0.0200	0.0126+0.0023	0.0030+0.0014	0.0012+0.0012	0.0024+0.0015	0.1380+0.0114
200	860420	0.7673+0.0560	0.0867+0.0073	0.0072+0.0019	0.0064+0.0012	0.0155+0.0018	0.7158+0.0519
200	860426	0.4684+0.0349	0.0285+0.0033	0.0057+0.0015	0.0009+0.0009	0.0074+0.0015	0.2502+0.0191
200	860502	0.3435+0.0260	0.0245+0.0029	0.0028+0.0012	0.0031+0.0011	0.0049+0.0013	0.1951+0.0151
200	860508	0.3054+0.0235	0.0088+0.0021	0.0025+0.0013	0.0013+0.0012	0.0000+0.0014	0.0949+0.0083
200	860514	0.3583+0.0271	0.0117+0.0023	0.0024+0.0013	0.0008+0.0012	0.0020+0.0015	0.0827+0.0076
200	860520	0.2090+0.0168	0.0098+0.0020	0.0020+0.0012	0.0021+0.0011	0.0011+0.0012	0.0982+0.0085
200	860526	0.0947+0.0087	0.0098+0.0021	0.0029+0.0013	0.0011+0.0011	0.0044+0.0014	0.1101+0.0094
200	860601	0.0939+0.0086	0.0042+0.0018	0.0012+0.0012	0.0005+0.0011	0.0015+0.0014	0.0591+0.0060
200	860607	0.4646+0.0346	0.0130+0.0022	0.0030+0.0013	0.0001+0.0009	0.0020+0.0013	0.1080+0.0092
200	860613	0.1756+0.0144	0.0200+0.0028	0.0032+0.0014	0.0012+0.0012	0.0024+0.0014	0.1331+0.0109
200	860619	0.4845+0.0361	0.0275+0.0032	0.0030+0.0013	0.0038+0.0012	0.0074+0.0016	0.2635+0.0201
200	860625	0.1431+0.0120	0.0156+0.0023	0.0037+0.0012	0.0024+0.0010	0.0039+0.0012	0.1588+0.0127

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	CA	TI	V	CR	MN	FE
200	860701	0.1080+0.0094	0.0066+0.0016	0.0030+0.0011	0.0000+0.0007	0.0011+0.0010	0.0665+0.0061
200	860707	0.1360+0.0115	0.0071+0.0019	0.0031+0.0013	0.0000+0.0011	0.0020+0.0014	0.0582+0.0059
200	860713	0.2408+0.0190	0.0132+0.0023	0.0020+0.0013	0.0022+0.0011	0.0016+0.0014	0.1318+0.0109
200	860719	0.1591+0.0133	0.0223+0.0031	0.0006+0.0015	0.0015+0.0013	0.0029+0.0017	0.1441+0.0118
200	860725	0.2573+0.0201	0.0171+0.0026	0.0017+0.0012	0.0026+0.0011	0.0000+0.0013	0.1320+0.0109
200	860731	0.2429+0.0190	0.0138+0.0022	0.0019+0.0011	0.0019+0.0010	0.0023+0.0011	0.1216+0.0101
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.0707+0.0069	0.0079+0.0016	0.0013+0.0010	0.0012+0.0009	0.0007+0.0010	0.0768+0.0070
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.1850+0.0153	0.0183+0.0027	0.0028+0.0013	0.0018+0.0011	0.0028+0.0014	0.1454+0.0120
200	860830	0.2115+0.0171	0.0072+0.0018	0.0011+0.0012	0.0014+0.0011	0.0006+0.0013	0.0757+0.0071
200	860905	0.0897+0.0085	0.0058+0.0019	0.0037+0.0014	0.0000+0.0011	0.0007+0.0014	0.0923+0.0083
200	860911	0.2397+0.0192	0.0337+0.0036	0.0038+0.0014	0.0024+0.0011	0.0064+0.0015	0.2894+0.0223
200	860917	0.2562+0.0203	0.0140+0.0024	0.0018+0.0013	0.0018+0.0011	0.0014+0.0013	0.1029+0.0090
200	860923	0.2375+0.0190	0.0136+0.0022	0.0022+0.0012	0.0000+0.0008	0.0008+0.0012	0.0932+0.0082
200	860929	0.1900+0.0156	0.0054+0.0016	0.0031+0.0011	0.0022+0.0010	0.0005+0.0011	0.0579+0.0057
200	861005	0.2029+0.0164	0.0266+0.0030	0.0032+0.0013	0.0070+0.0012	0.0062+0.0013	0.2127+0.0167
200	861011	0.1374+0.0118	0.0150+0.0023	0.0006+0.0009	0.0071+0.0012	0.0026+0.0012	0.0919+0.0081
200	861017	0.2645+0.0208	0.0156+0.0024	0.0029+0.0012	0.0008+0.0009	0.0038+0.0013	0.1377+0.0114
200	861023	0.1627+0.0136	0.0149+0.0023	0.0018+0.0011	0.0040+0.0011	0.0033+0.0012	0.1492+0.0122
200	861029	0.3384+0.0262	0.0209+0.0027	0.0032+0.0012	0.0041+0.0011	0.0022+0.0012	0.1891+0.0150
200	861104	0.2157+0.0175	0.0247+0.0030	0.0060+0.0015	0.0018+0.0010	0.0053+0.0013	0.1922+0.0153
200	861111	0.5306+0.0401	0.0743+0.0066	0.0078+0.0019	0.0050+0.0013	0.0177+0.0022	0.6990+0.0519
200	861116	0.2522+0.0315	0.0387+0.0064	0.0068+0.0027	0.0045+0.0022	0.0099+0.0030	0.3502+0.0421
200	861122	0.3886+0.0301	0.0243+0.0030	0.0038+0.0013	0.0020+0.0011	0.0059+0.0014	0.2012+0.0159
200	861128	0.2013+0.0165	0.0134+0.0022	0.0037+0.0013	0.0055+0.0013	0.0017+0.0013	0.1336+0.0111
200	861204	0.3704+0.0288	0.0297+0.0033	0.0052+0.0014	0.0020+0.0010	0.0069+0.0014	0.2961+0.0228
200	861210	0.1685+0.0140	0.0083+0.0017	0.0014+0.0009	0.0012+0.0008	0.0024+0.0011	0.0881+0.0078
200	861216	0.1409+0.0121	0.0116+0.0021	0.0029+0.0013	0.0025+0.0011	0.0024+0.0013	0.1079+0.0093
200	861222	0.1547+0.0131	0.0019+0.0013	0.0029+0.0011	0.0025+0.0011	0.0006+0.0011	0.0312+0.0040
200	861228	0.2660+0.0212	0.0107+0.0020	0.0041+0.0013	0.0015+0.0011	0.0019+0.0012	0.0983+0.0086



PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	NI	CU	ZN	GA	AS	SE
200	850805	0.0042+0.0014	0.1187+0.0072	0.0813+0.0055	0.0019+0.0011	0.0002+0.0035	0.0030+0.0012
200	850811	0.0043+0.0014	0.2026+0.0113	0.1491+0.0087	0.0008+0.0010	0.0000+0.0034	0.0000+0.0010
200	850817	0.0028+0.0011	0.0823+0.0051	0.0656+0.0044	0.0007+0.0007	0.0000+0.0028	0.0012+0.0008
200	850823	0.0117+0.0017	1.1752+0.0601	0.8431+0.0436	0.0021+0.0015	0.0000+0.0048	0.0022+0.0010
200	850829	0.0062+0.0013	0.0686+0.0046	0.0492+0.0037	0.0030+0.0009	0.0037+0.0027	0.0013+0.0009
200	850904	0.0076+0.0015	0.4779+0.0250	0.3497+0.0187	0.0017+0.0011	0.0000+0.0034	0.0014+0.0010
200	850910	0.0025+0.0011	0.0008+0.0012	0.0030+0.0010	0.0003+0.0007	0.0000+0.0028	0.0006+0.0010
200	850916	0.0019+0.0011	0.0001+0.0012	0.0019+0.0010	0.0015+0.0008	0.0000+0.0029	0.0000+0.0010
200	850922	0.0084+0.0015	0.0424+0.0033	0.0348+0.0028	0.0003+0.0007	0.0000+0.0029	0.0019+0.0010
200	850928	0.0010+0.0014	0.0618+0.0043	0.0477+0.0034	0.0011+0.0011	0.0000+0.0036	0.0022+0.0014
200	851004	0.0017+0.0016	0.0851+0.0070	0.0627+0.0054	0.0002+0.0012	0.0030+0.0044	0.0009+0.0015
200	851010	0.0044+0.0012	0.0028+0.0012	0.0102+0.0014	0.0008+0.0008	0.0000+0.0026	0.0023+0.0010
200	851016	0.0077+0.0015	0.1421+0.0083	0.1058+0.0063	0.0007+0.0008	0.0000+0.0028	0.0019+0.0010
200	851022	0.0033+0.0011	0.1078+0.0065	0.0726+0.0048	0.0004+0.0008	0.0000+0.0032	0.0015+0.0010
200	851028	0.0033+0.0011	0.0066+0.0014	0.0069+0.0012	0.0007+0.0007	0.0004+0.0025	0.0018+0.0008
200	851103	0.0046+0.0012	0.0088+0.0016	0.0099+0.0015	0.0016+0.0008	0.0015+0.0031	0.0001+0.0008
200	851109	0.0019+0.0011	0.3731+0.0271	0.2593+0.0192	0.0000+0.0010	0.0000+0.0029	0.0003+0.0009
200	851115	0.0047+0.0014	0.0014+0.0016	0.0050+0.0014	0.0000+0.0009	0.0000+0.0033	0.0015+0.0011
200	851121	0.0087+0.0019	0.9354+0.0669	0.6438+0.0465	0.0000+0.0016	0.0008+0.0044	0.0000+0.0014
200	851127	0.0011+0.0010	0.1380+0.0105	0.1017+0.0080	0.0010+0.0009	0.0025+0.0025	0.0000+0.0009
200	851203	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	851209	0.0125+0.0019	0.0833+0.0067	0.0767+0.0062	0.0008+0.0009	0.0014+0.0029	0.0006+0.0010
200	851215	0.0077+0.0016	0.1624+0.0122	0.1180+0.0092	0.0018+0.0010	0.0000+0.0031	0.0023+0.0011
200	851221	0.0074+0.0014	0.3129+0.0229	0.2226+0.0166	0.0000+0.0010	0.0039+0.0044	0.0010+0.0009
200	851227	0.0035+0.0013	0.0132+0.0021	0.0097+0.0017	0.0008+0.0009	0.0040+0.0030	0.0016+0.0010

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	NI	CU	ZN	GA	AS	SE
200	860102	0.0021+0.0014	0.0000+0.0025	0.0000+0.0021	0.0005+0.0010	0.0000+0.0032	0.0011+0.0011
200	860108	0.0033+0.0014	0.0927+0.0077	0.0765+0.0066	0.0000+0.0010	0.0000+0.0040	0.0019+0.0011
200	860114	0.0011+0.0012	0.0000+0.0027	0.0000+0.0023	0.0001+0.0009	0.0000+0.0031	0.0013+0.0011
200	860120	0.0040+0.0011	0.0887+0.0069	0.0564+0.0048	0.0008+0.0007	0.0000+0.0020	0.0011+0.0007
200	860126	0.0186+0.0024	0.5188+0.0375	0.4232+0.0309	0.0004+0.0017	0.0000+0.0146	0.0028+0.0012
200	860201	0.0114+0.0017	0.5182+0.0360	0.3494+0.0247	0.0000+0.0012	0.0000+0.0033	0.0008+0.0010
200	860207	0.0030+0.0012	0.3807+0.0266	0.2608+0.0186	0.0000+0.0009	0.0000+0.0030	0.0015+0.0008
200	860213	0.0018+0.0012	0.1082+0.0084	0.0724+0.0061	0.0006+0.0009	0.0000+0.0031	0.0008+0.0009
200	860219	0.0006+0.0009	0.0000+0.0018	0.2186+0.0156	0.0000+0.0008	0.0002+0.0022	0.0000+0.0008
200	860225	0.0166+0.0025	1.1893+0.0815	0.7831+0.0542	0.0000+0.0020	0.0000+0.0103	0.0018+0.0014
200	860303	0.0050+0.0014	0.0350+0.0040	0.0381+0.0039	0.0000+0.0009	0.0000+0.0031	0.0013+0.0009
200	860309	0.0000+0.0009	0.0000+0.0020	0.0000+0.0018	0.0000+0.0008	0.0000+0.0025	0.0000+0.0008
200	860315	0.0012+0.0009	0.0205+0.0028	0.0133+0.0022	0.0007+0.0007	0.0001+0.0021	0.0014+0.0007
200	860321	0.0087+0.0015	0.5496+0.0380	0.3669+0.0257	0.0000+0.0012	0.0015+0.0047	0.0006+0.0008
200	860327	0.0031+0.0010	0.0027+0.0012	0.0060+0.0011	0.0005+0.0006	0.0033+0.0021	0.0004+0.0007
200	860402	0.0116+0.0019	0.9596+0.0684	0.6850+0.0493	0.0015+0.0017	0.0000+0.0069	0.0008+0.0012
200	860408	0.0027+0.0012	0.1187+0.0091	0.0843+0.0067	0.0000+0.0009	0.0013+0.0032	0.0014+0.0011
200	860414	0.0032+0.0013	0.0065+0.0017	0.0062+0.0013	0.0004+0.0009	0.0026+0.0031	0.0020+0.0012
200	860420	0.0153+0.0018	0.0956+0.0074	0.0749+0.0060	0.0020+0.0008	0.0042+0.0032	0.0013+0.0007
200	860426	0.0042+0.0012	0.1065+0.0082	0.0799+0.0064	0.0013+0.0008	0.0038+0.0026	0.0017+0.0010
200	860502	0.0032+0.0011	0.1058+0.0082	0.0764+0.0062	0.0011+0.0007	0.0037+0.0023	0.0015+0.0008
200	860508	0.0009+0.0012	0.0060+0.0017	0.0095+0.0015	0.0013+0.0010	0.0039+0.0029	0.0013+0.0011
200	860514	0.0022+0.0012	0.0445+0.0040	0.0340+0.0032	0.0007+0.0008	0.0061+0.0029	0.0008+0.0011
200	860520	0.0048+0.0012	0.1492+0.0114	0.1510+0.0115	0.0008+0.0008	0.0018+0.0026	0.0010+0.0008
200	860526	0.0021+0.0011	0.0160+0.0021	0.0432+0.0038	0.0005+0.0008	0.0051+0.0026	0.0007+0.0010
200	860601	0.0010+0.0011	0.0050+0.0016	0.0049+0.0012	0.0001+0.0008	0.0025+0.0030	0.0012+0.0011
200	860607	0.0027+0.0011	0.0494+0.0043	0.0396+0.0036	0.0014+0.0008	0.0005+0.0027	0.0006+0.0009
200	860613	0.0031+0.0012	0.3285+0.0239	0.2352+0.0174	0.0004+0.0011	0.0035+0.0037	0.0012+0.0011
200	860619	0.0066+0.0014	0.1126+0.0087	0.0806+0.0064	0.0013+0.0008	0.0018+0.0027	0.0017+0.0010
200	860625	0.0048+0.0011	0.0052+0.0013	0.0142+0.0017	0.0004+0.0006	0.0023+0.0021	0.0002+0.0007

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	NI	CU	ZN	GA	AS	SE
200	860701	0.0016+0.0008	0.0061+0.0012	0.0056+0.0010	0.0005+0.0006	0.0004+0.0019	0.0008+0.0007
200	860707	0.0014+0.0011	0.1911+0.0143	0.1336+0.0102	0.0007+0.0010	0.0037+0.0029	0.0005+0.0010
200	860713	0.0022+0.0011	0.0502+0.0044	0.0479+0.0041	0.0000+0.0007	0.0000+0.0027	0.0007+0.0010
200	860719	0.0053+0.0015	0.3680+0.0267	0.2654+0.0195	0.0000+0.0011	0.0015+0.0035	0.0019+0.0012
200	860725	0.0026+0.0011	0.0341+0.0033	0.0153+0.0019	0.0006+0.0009	0.0037+0.0026	0.0000+0.0009
200	860731	0.0035+0.0010	0.0046+0.0012	0.0041+0.0010	0.0009+0.0006	0.0049+0.0021	0.0007+0.0007
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.0027+0.0010	0.0474+0.0042	0.0307+0.0029	0.0006+0.0006	0.0001+0.0021	0.0005+0.0007
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.0037+0.0012	0.0942+0.0076	0.0718+0.0059	0.0002+0.0008	0.0037+0.0027	0.0002+0.0009
200	860830	0.0026+0.0011	0.2330+0.0175	0.1608+0.0123	0.0000+0.0009	0.0000+0.0035	0.0005+0.0009
200	860905	0.0020+0.0012	0.1431+0.0110	0.0990+0.0079	0.0000+0.0009	0.0015+0.0028	0.0002+0.0011
200	860911	0.0031+0.0011	0.0255+0.0027	0.0211+0.0023	0.0002+0.0007	0.0046+0.0024	0.0001+0.0008
200	860917	0.0026+0.0012	0.3251+0.0242	0.2309+0.0175	0.0007+0.0011	0.0038+0.0031	0.0011+0.0009
200	860923	0.0020+0.0009	0.1052+0.0083	0.0699+0.0058	0.0011+0.0008	0.0011+0.0024	0.0011+0.0008
200	860929	0.0031+0.0011	0.0064+0.0013	0.0167+0.0019	0.0007+0.0007	0.0044+0.0021	0.0001+0.0007
200	861005	0.0047+0.0011	0.0980+0.0078	0.1095+0.0086	0.0000+0.0007	0.0000+0.0025	0.0004+0.0008
200	861011	0.0040+0.0011	0.2781+0.0208	0.2104+0.0160	0.0000+0.0008	0.0000+0.0028	0.0004+0.0007
200	861017	0.0035+0.0011	0.0183+0.0021	0.0182+0.0020	0.0001+0.0007	0.0041+0.0023	0.0000+0.0008
200	861023	0.0044+0.0011	0.3836+0.0285	0.2655+0.0200	0.0013+0.0009	0.0015+0.0031	0.0009+0.0008
200	861029	0.0058+0.0012	0.5060+0.0372	0.3456+0.0258	0.0004+0.0011	0.0009+0.0033	0.0001+0.0007
200	861104	0.0118+0.0017	0.9329+0.0682	0.6782+0.0500	0.0000+0.0014	0.0000+0.0049	0.0009+0.0008
200	861111	0.0061+0.0013	0.6616+0.0485	0.4640+0.0344	0.0000+0.0012	0.0000+0.0040	0.0007+0.0009
200	861116	0.0068+0.0025	0.3694+0.0433	0.2682+0.0318	0.0012+0.0019	0.0038+0.0064	0.0016+0.0019
200	861122	0.0042+0.0012	0.3121+0.0232	0.1969+0.0150	0.0012+0.0009	0.0026+0.0026	0.0005+0.0008
200	861128	0.0101+0.0016	0.9622+0.0702	0.6647+0.0489	0.0000+0.0014	0.0002+0.0046	0.0019+0.0009
200	861204	0.0031+0.0011	0.0377+0.0035	0.0497+0.0043	0.0004+0.0007	0.0020+0.0023	0.0000+0.0007
200	861210	0.0027+0.0010	0.0145+0.0019	0.0187+0.0020	0.0005+0.0007	0.0029+0.0021	0.0011+0.0007
200	861216	0.0047+0.0013	0.4311+0.0318	0.2787+0.0210	0.0005+0.0011	0.0053+0.0030	0.0008+0.0009
200	861222	0.0028+0.0011	0.1099+0.0086	0.0763+0.0063	0.0000+0.0007	0.0000+0.0025	0.0011+0.0008
200	861228	0.0061+0.0013	0.6834+0.0500	0.4588+0.0340	0.0006+0.0013	0.0000+0.0035	0.0005+0.0008

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	BR	RB	SR	Y	ZR	MO
200	850805	0.0113+0.0018	0.0025+0.0018	0.0078+0.0023	0.0000+0.0025	0.0062+0.0115	0.0009+0.0083
200	850811	0.0100+0.0017	0.0021+0.0018	0.0040+0.0022	0.0004+0.0023	0.0025+0.0113	0.0111+0.0084
200	850817	0.0056+0.0012	0.0021+0.0014	0.0040+0.0018	0.0008+0.0021	0.0000+0.0091	0.0050+0.0066
200	850823	0.0242+0.0021	0.0025+0.0017	0.0111+0.0021	0.0039+0.0021	0.0000+0.0102	0.0055+0.0070
200	850829	0.0187+0.0019	0.0019+0.0016	0.0027+0.0019	0.0071+0.0022	0.0000+0.0101	0.0000+0.0068
200	850904	0.0169+0.0019	0.0014+0.0017	0.0044+0.0021	0.0032+0.0023	0.0000+0.0110	0.0011+0.0077
200	850910	0.0087+0.0015	0.0025+0.0017	0.0014+0.0021	0.0000+0.0021	0.0000+0.0106	0.0026+0.0074
200	850916	0.0283+0.0023	0.0000+0.0017	0.0052+0.0021	0.0000+0.0022	0.0000+0.0102	0.0051+0.0076
200	850922	0.0157+0.0018	0.0040+0.0017	0.0058+0.0021	0.0014+0.0021	0.0000+0.0098	0.0000+0.0072
200	850928	0.0230+0.0023	0.0028+0.0021	0.0085+0.0026	0.0048+0.0029	0.0000+0.0132	0.0000+0.0100
200	851004	0.0120+0.0023	0.0020+0.0026	0.0030+0.0033	0.0000+0.0039	0.0000+0.0177	0.0000+0.0109
200	851010	0.0223+0.0021	0.0032+0.0015	0.0113+0.0021	0.0026+0.0021	0.0000+0.0098	0.0039+0.0065
200	851016	0.0239+0.0021	0.0000+0.0015	0.0078+0.0019	0.0011+0.0021	0.0184+0.0095	0.0000+0.0065
200	851022	0.0351+0.0026	0.0000+0.0015	0.0073+0.0019	0.0003+0.0021	0.0146+0.0096	0.0000+0.0069
200	851028	0.0131+0.0015	0.0003+0.0014	0.0021+0.0017	0.0000+0.0019	0.0091+0.0088	0.0102+0.0062
200	851103	0.0106+0.0015	0.0026+0.0015	0.0060+0.0018	0.0000+0.0020	0.0108+0.0094	0.0040+0.0055
200	851109	0.0341+0.0030	0.0000+0.0018	0.0084+0.0022	0.0026+0.0024	0.0000+0.0109	0.0052+0.0065
200	851115	0.0121+0.0019	0.0018+0.0020	0.0086+0.0026	0.0000+0.0029	0.0000+0.0131	0.0123+0.0079
200	851121	0.0097+0.0021	0.0000+0.0024	0.0034+0.0030	0.0000+0.0036	0.0000+0.0163	0.0103+0.0099
200	851127	0.0055+0.0013	0.0016+0.0015	0.0010+0.0019	0.0010+0.0023	0.0000+0.0102	0.0060+0.0062
200	851203	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	851209	0.0202+0.0023	0.0000+0.0018	0.0033+0.0021	0.0000+0.0026	0.0000+0.0117	0.0028+0.0070
200	851215	0.0078+0.0016	0.0008+0.0018	0.0021+0.0021	0.0025+0.0026	0.0000+0.0117	0.0000+0.0073
200	851221	0.0117+0.0016	0.0005+0.0016	0.0028+0.0019	0.0019+0.0024	0.0039+0.0106	0.0020+0.0063
200	851227	0.0055+0.0015	0.0020+0.0018	0.0029+0.0021	0.0013+0.0026	0.0000+0.0118	0.0003+0.0070

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	BR	RB	SR	Y	ZR	MO
200	860102	0.0044+0.0017	0.0005+0.0019	0.0000+0.0023	0.0000+0.0029	0.0000+0.0125	0.0128+0.0080
200	860108	0.0070+0.0016	0.0023+0.0019	0.0109+0.0025	0.0011+0.0028	0.0000+0.0119	0.0106+0.0075
200	860114	0.0139+0.0019	0.0025+0.0018	0.0078+0.0023	0.0058+0.0027	0.0000+0.0115	0.0110+0.0072
200	860120	0.0132+0.0016	0.0015+0.0012	0.0013+0.0014	0.0004+0.0017	0.0004+0.0075	0.0000+0.0049
200	860126	0.0111+0.0018	0.0016+0.0018	0.0118+0.0024	0.0036+0.0029	0.0000+0.0115	0.0078+0.0073
200	860201	0.0263+0.0025	0.0001+0.0017	0.0090+0.0022	0.0036+0.0025	0.0000+0.0107	0.0000+0.0068
200	860207	0.0176+0.0019	0.0020+0.0015	0.0083+0.0019	0.0044+0.0023	0.0000+0.0095	0.0000+0.0060
200	860213	0.0064+0.0015	0.0006+0.0017	0.0000+0.0020	0.0000+0.0025	0.0000+0.0109	0.0000+0.0071
200	860219	0.0058+0.0013	0.0000+0.0014	0.0022+0.0018	0.0000+0.0021	0.0109+0.0095	0.0000+0.0056
200	860225	0.0569+0.0047	0.0036+0.0027	0.0127+0.0031	0.0002+0.0038	0.0000+0.0160	0.0000+0.0104
200	860303	0.0138+0.0018	0.0000+0.0017	0.0054+0.0021	0.0000+0.0025	0.0058+0.0111	0.0011+0.0067
200	860309	0.0009+0.0012	0.0000+0.0015	0.0000+0.0019	0.0000+0.0022	0.0000+0.0100	0.0000+0.0061
200	860315	0.0118+0.0015	0.0000+0.0013	0.0039+0.0015	0.0006+0.0019	0.0026+0.0083	0.0000+0.0052
200	860321	0.0172+0.0018	0.0009+0.0014	0.0063+0.0018	0.0000+0.0020	0.0027+0.0090	0.0000+0.0053
200	860327	0.0103+0.0014	0.0000+0.0013	0.0021+0.0015	0.0000+0.0019	0.0000+0.0086	0.0000+0.0051
200	860402	0.0499+0.0041	0.0004+0.0021	0.0120+0.0027	0.0000+0.0030	0.0000+0.0127	0.0031+0.0081
200	860408	0.0036+0.0013	0.0000+0.0018	0.0000+0.0021	0.0000+0.0026	0.0043+0.0115	0.0000+0.0072
200	860414	0.0155+0.0019	0.0000+0.0019	0.0043+0.0023	0.0000+0.0027	0.0000+0.0121	0.0000+0.0076
200	860420	0.0149+0.0016	0.0000+0.0012	0.0066+0.0016	0.0000+0.0018	0.0000+0.0081	0.0000+0.0047
200	860426	0.0299+0.0027	0.0018+0.0015	0.0101+0.0020	0.0011+0.0021	0.0109+0.0095	0.0098+0.0061
200	860502	0.0082+0.0013	0.0000+0.0013	0.0032+0.0017	0.0000+0.0019	0.0050+0.0084	0.0000+0.0052
200	860508	0.0226+0.0023	0.0000+0.0018	0.0062+0.0023	0.0000+0.0026	0.0032+0.0115	0.0000+0.0071
200	860514	0.0268+0.0026	0.0000+0.0019	0.0054+0.0023	0.0000+0.0026	0.0000+0.0113	0.0000+0.0072
200	860520	0.0164+0.0019	0.0000+0.0015	0.0052+0.0019	0.0000+0.0021	0.0000+0.0095	0.0000+0.0060
200	860526	0.0088+0.0015	0.0000+0.0015	0.0014+0.0019	0.0000+0.0024	0.0000+0.0104	0.0020+0.0065
200	860601	0.0130+0.0018	0.0000+0.0017	0.0000+0.0020	0.0000+0.0026	0.0000+0.0112	0.0031+0.0071
200	860607	0.0260+0.0024	0.0009+0.0017	0.0068+0.0019	0.0000+0.0023	0.0000+0.0102	0.0000+0.0062
200	860613	0.0123+0.0017	0.0000+0.0017	0.0030+0.0022	0.0000+0.0025	0.0159+0.0112	0.0000+0.0068
200	860619	0.0351+0.0031	0.0000+0.0017	0.0083+0.0020	0.0000+0.0023	0.0167+0.0101	0.0000+0.0061
200	860625	0.0092+0.0013	0.0000+0.0013	0.0017+0.0016	0.0002+0.0019	0.0135+0.0085	0.0000+0.0051

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	BR	RB	SR	Y	ZR	MO
200	860701	0.0105+0.0013	0.0000+0.0012	0.0010+0.0014	0.0000+0.0017	0.0000+0.0076	0.0000+0.0047
200	860707	0.0039+0.0013	0.0000+0.0017	0.0050+0.0020	0.0000+0.0025	0.0068+0.0110	0.0000+0.0068
200	860713	0.0175+0.0020	0.0000+0.0016	0.0034+0.0020	0.0000+0.0024	0.0060+0.0105	0.0000+0.0065
200	860719	0.0101+0.0018	0.0000+0.0021	0.0018+0.0024	0.0000+0.0030	0.0000+0.0129	0.0000+0.0081
200	860725	0.0066+0.0014	0.0000+0.0016	0.0002+0.0019	0.0000+0.0024	0.0135+0.0106	0.0000+0.0066
200	860731	0.0177+0.0018	0.0000+0.0013	0.0007+0.0015	0.0013+0.0020	0.0000+0.0085	0.0000+0.0050
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.0049+0.0010	0.0000+0.0012	0.0000+0.0015	0.0000+0.0018	0.0049+0.0078	0.0000+0.0049
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.0136+0.0018	0.0000+0.0017	0.0034+0.0020	0.0000+0.0024	0.0000+0.0103	0.0000+0.0065
200	860830	0.0150+0.0018	0.0007+0.0017	0.0031+0.0019	0.0000+0.0024	0.0000+0.0099	0.0050+0.0064
200	860905	0.0083+0.0015	0.0000+0.0018	0.0000+0.0021	0.0000+0.0026	0.0020+0.0112	0.0009+0.0071
200	860911	0.0101+0.0015	0.0000+0.0015	0.0043+0.0018	0.0000+0.0021	0.0000+0.0098	0.0000+0.0060
200	860917	0.0096+0.0015	0.0000+0.0017	0.0019+0.0020	0.0000+0.0024	0.0000+0.0104	0.0062+0.0067
200	860923	0.0123+0.0016	0.0000+0.0014	0.0032+0.0017	0.0000+0.0020	0.0053+0.0090	0.0055+0.0057
200	860929	0.0173+0.0019	0.0000+0.0013	0.0028+0.0017	0.0000+0.0019	0.0000+0.0086	0.0000+0.0053
200	861005	0.0072+0.0012	0.0004+0.0013	0.0029+0.0017	0.0000+0.0020	0.0000+0.0086	0.0073+0.0054
200	861011	0.0131+0.0016	0.0000+0.0013	0.0034+0.0015	0.0000+0.0019	0.0000+0.0083	0.0034+0.0052
200	861017	0.0140+0.0017	0.0000+0.0014	0.0028+0.0017	0.0000+0.0020	0.0000+0.0093	0.0000+0.0055
200	861023	0.0117+0.0014	0.0014+0.0013	0.0034+0.0017	0.0000+0.0019	0.0059+0.0084	0.0017+0.0053
200	861029	0.0158+0.0017	0.0004+0.0013	0.0047+0.0017	0.0000+0.0019	0.0000+0.0087	0.0000+0.0052
200	861104	0.0204+0.0021	0.0000+0.0014	0.0033+0.0017	0.0000+0.0021	0.0000+0.0094	0.0000+0.0054
200	861111	0.0105+0.0015	0.0013+0.0015	0.0054+0.0019	0.0000+0.0022	0.0177+0.0102	0.0000+0.0062
200	861116	0.0150+0.0030	0.0000+0.0031	0.0005+0.0035	0.0000+0.0045	0.0209+0.0198	0.0019+0.0122
200	861122	0.0335+0.0029	0.0018+0.0017	0.0038+0.0018	0.0000+0.0022	0.0000+0.0093	0.0053+0.0060
200	861128	0.0112+0.0015	0.0000+0.0015	0.0028+0.0019	0.0000+0.0024	0.0147+0.0099	0.0000+0.0061
200	861204	0.0108+0.0014	0.0000+0.0013	0.0057+0.0017	0.0000+0.0019	0.0000+0.0086	0.0000+0.0051
200	861210	0.0113+0.0014	0.0000+0.0013	0.0025+0.0015	0.0000+0.0019	0.0000+0.0081	0.0000+0.0050
200	861216	0.0111+0.0016	0.0000+0.0015	0.0024+0.0019	0.0000+0.0024	0.0000+0.0101	0.0027+0.0065
200	861222	0.0139+0.0017	0.0000+0.0014	0.0027+0.0017	0.0001+0.0021	0.0167+0.0091	0.0012+0.0057
200	861228	0.0245+0.0024	0.0000+0.0015	0.0033+0.0018	0.0000+0.0022	0.0000+0.0098	0.0000+0.0059

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	PD	AG	CD	IN	SN	SB
200	850805	0.0000+0.0067	0.0249+0.0104	0.0000+0.0129	0.0069+0.0157	0.0292+0.0184	0.0362+0.0316
200	850811	0.0048+0.0067	0.0039+0.0094	0.0000+0.0124	0.0000+0.0151	0.0102+0.0173	0.0000+0.0320
200	850817	0.0010+0.0052	0.0084+0.0076	0.0194+0.0109	0.0094+0.0125	0.0319+0.0146	0.0026+0.0238
200	850823	0.0048+0.0059	0.0099+0.0083	0.0204+0.0116	0.0102+0.0132	0.0000+0.0155	0.0385+0.0264
200	850829	0.0074+0.0061	0.0068+0.0081	0.0030+0.0110	0.0101+0.0135	0.0000+0.0159	0.0000+0.0277
200	850904	0.0084+0.0066	0.0133+0.0091	0.0205+0.0128	0.0000+0.0143	0.0318+0.0169	0.0066+0.0281
200	850910	0.0000+0.0059	0.0032+0.0085	0.0168+0.0121	0.0000+0.0135	0.0047+0.0157	0.0243+0.0278
200	850916	0.0113+0.0066	0.0135+0.0089	0.0088+0.0120	0.0129+0.0143	0.0111+0.0160	0.0000+0.0298
200	850922	0.0096+0.0062	0.0029+0.0081	0.0000+0.0122	0.0098+0.0136	0.0069+0.0151	0.0539+0.0278
200	850928	0.0080+0.0081	0.0067+0.0111	0.0078+0.0154	0.0000+0.0179	0.0252+0.0209	0.0483+0.0365
200	851004	0.0000+0.0111	0.0000+0.0144	0.0000+0.0187	0.0126+0.0236	0.0000+0.0290	0.0126+0.0626
200	851010	0.0105+0.0058	0.0021+0.0077	0.0095+0.0109	0.0140+0.0125	0.0129+0.0144	0.0252+0.0257
200	851016	0.0008+0.0054	0.0074+0.0081	0.0036+0.0107	0.0047+0.0122	0.0127+0.0146	0.0360+0.0263
200	851022	0.0135+0.0061	0.0054+0.0081	0.0120+0.0111	0.0019+0.0122	0.0253+0.0151	0.0337+0.0264
200	851028	0.0076+0.0052	0.0168+0.0078	0.0061+0.0102	0.0206+0.0118	0.0000+0.0142	0.0347+0.0245
200	851103	0.0056+0.0060	0.0000+0.0074	0.0093+0.0102	0.0140+0.0125	0.0000+0.0148	0.0235+0.0331
200	851109	0.0000+0.0067	0.0053+0.0092	0.0063+0.0118	0.0008+0.0143	0.0000+0.0179	0.0018+0.0384
200	851115	0.0101+0.0086	0.0080+0.0111	0.0000+0.0138	0.0125+0.0176	0.0000+0.0215	0.0000+0.0454
200	851121	0.0034+0.0104	0.0018+0.0136	0.0000+0.0174	0.0000+0.0213	0.0000+0.0268	0.0000+0.0568
200	851127	0.0045+0.0065	0.0000+0.0083	0.0000+0.0108	0.0000+0.0131	0.0000+0.0162	0.0205+0.0362
200	851203	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	851209	0.0077+0.0077	0.0000+0.0096	0.0025+0.0126	0.0035+0.0155	0.0000+0.0192	0.0000+0.0402
200	851215	0.0023+0.0074	0.0063+0.0099	0.0024+0.0127	0.0003+0.0155	0.0000+0.0192	0.0692+0.0434
200	851221	0.0077+0.0069	0.0000+0.0083	0.0036+0.0113	0.0073+0.0140	0.0000+0.0169	0.0070+0.0368
200	851227	0.0024+0.0075	0.0099+0.0101	0.0117+0.0130	0.0068+0.0157	0.0072+0.0197	0.0000+0.0406

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	PD	AG	CD	IN	SN	SB
200	860102	0.0000+0.0080	0.0070+0.0104	0.0000+0.0135	0.0000+0.0172	0.0054+0.0211	0.0143+0.0470
200	860108	0.0090+0.0080	0.0178+0.0103	0.0202+0.0133	0.0140+0.0166	0.0037+0.0199	0.0000+0.0438
200	860114	0.0108+0.0078	0.0119+0.0097	0.0039+0.0124	0.0178+0.0161	0.0203+0.0196	0.0056+0.0427
200	860120	0.0030+0.0050	0.0100+0.0066	0.0070+0.0082	0.0199+0.0109	0.0125+0.0127	0.0367+0.0290
200	860126	0.0017+0.0075	0.0060+0.0095	0.0038+0.0123	0.0053+0.0158	0.0101+0.0193	0.0000+0.0413
200	860201	0.0051+0.0070	0.0100+0.0089	0.0071+0.0115	0.0189+0.0149	0.0000+0.0175	0.0000+0.0389
200	860207	0.0039+0.0063	0.0033+0.0077	0.0053+0.0103	0.0027+0.0129	0.0000+0.0155	0.0343+0.0359
200	860213	0.0072+0.0074	0.0000+0.0088	0.0081+0.0120	0.0000+0.0147	0.0033+0.0183	0.0173+0.0409
200	860219	0.0053+0.0062	0.0000+0.0075	0.0060+0.0101	0.0000+0.0125	0.0000+0.0151	0.0000+0.0339
200	860225	0.0038+0.0106	0.0159+0.0134	0.0017+0.0173	0.0076+0.0222	0.0175+0.0272	0.0000+0.0594
200	860303	0.0071+0.0073	0.0009+0.0089	0.0021+0.0117	0.0064+0.0150	0.0000+0.0179	0.0213+0.0410
200	860309	0.0009+0.0065	0.0113+0.0085	0.0000+0.0106	0.0000+0.0145	0.0000+0.0159	0.0000+0.0365
200	860315	0.0000+0.0052	0.0086+0.0070	0.0149+0.0092	0.0093+0.0113	0.0080+0.0137	0.0000+0.0298
200	860321	0.0007+0.0058	0.0000+0.0070	0.0041+0.0096	0.0257+0.0129	0.0191+0.0153	0.0000+0.0301
200	860327	0.0085+0.0059	0.0080+0.0074	0.0046+0.0092	0.0000+0.0116	0.0179+0.0140	0.0071+0.0302
200	860402	0.0106+0.0087	0.0000+0.0108	0.0000+0.0138	0.0000+0.0178	0.0000+0.0205	0.0161+0.0465
200	860408	0.0028+0.0077	0.0000+0.0097	0.0000+0.0125	0.0065+0.0165	0.0283+0.0194	0.0033+0.0419
200	860414	0.0000+0.0077	0.0000+0.0101	0.0006+0.0132	0.0000+0.0168	0.0023+0.0197	0.0119+0.0442
200	860420	0.0000+0.0056	0.0058+0.0068	0.0081+0.0085	0.0000+0.0102	0.0193+0.0130	0.0279+0.0286
200	860426	0.0000+0.0060	0.0142+0.0086	0.0113+0.0104	0.0025+0.0132	0.0281+0.0158	0.0000+0.0334
200	860502	0.0005+0.0055	0.0078+0.0075	0.0166+0.0098	0.0033+0.0119	0.0095+0.0138	0.0092+0.0306
200	860508	0.0000+0.0075	0.0074+0.0100	0.0103+0.0127	0.0103+0.0164	0.0074+0.0187	0.0000+0.0404
200	860514	0.0020+0.0076	0.0070+0.0100	0.0137+0.0128	0.0034+0.0162	0.0000+0.0185	0.0273+0.0421
200	860520	0.0000+0.0062	0.0000+0.0081	0.0000+0.0100	0.0000+0.0131	0.0232+0.0160	0.0575+0.0363
200	860526	0.0024+0.0069	0.0000+0.0088	0.0116+0.0116	0.0000+0.0146	0.0157+0.0172	0.0313+0.0385
200	860601	0.0124+0.0079	0.0069+0.0098	0.0107+0.0124	0.0000+0.0157	0.0125+0.0183	0.0585+0.0423
200	860607	0.0033+0.0066	0.0170+0.0091	0.0076+0.0109	0.0000+0.0134	0.0000+0.0159	0.0282+0.0364
200	860613	0.0000+0.0073	0.0000+0.0091	0.0125+0.0124	0.0000+0.0153	0.0233+0.0184	0.0000+0.0398
200	860619	0.0062+0.0067	0.0035+0.0085	0.0058+0.0107	0.0005+0.0138	0.0333+0.0168	0.0167+0.0359
200	860625	0.0000+0.0054	0.0000+0.0070	0.0050+0.0092	0.0000+0.0114	0.0000+0.0134	0.0272+0.0310



PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	PD	AG	CD	IN	SN	SB
200	860701	0.0079+0.0053	0.0136+0.0069	0.0103+0.0085	0.0063+0.0106	0.0185+0.0126	0.0014+0.0268
200	860707	0.0000+0.0068	0.0074+0.0096	0.0084+0.0121	0.0000+0.0153	0.0069+0.0178	0.0000+0.0388
200	860713	0.0085+0.0071	0.0074+0.0091	0.0000+0.0111	0.0000+0.0142	0.0177+0.0173	0.0259+0.0384
200	860719	0.0032+0.0086	0.0000+0.0110	0.0000+0.0138	0.0000+0.0183	0.0039+0.0212	0.0019+0.0472
200	860725	0.0094+0.0072	0.0000+0.0089	0.0106+0.0117	0.0000+0.0145	0.0061+0.0171	0.0000+0.0367
200	860731	0.0116+0.0060	0.0033+0.0071	0.0065+0.0090	0.0084+0.0117	0.0269+0.0141	0.0000+0.0291
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.0035+0.0052	0.0042+0.0068	0.0025+0.0085	0.0121+0.0113	0.0056+0.0127	0.0018+0.0281
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.0000+0.0067	0.0019+0.0088	0.0000+0.0108	0.0000+0.0141	0.0229+0.0175	0.0018+0.0381
200	860830	0.0027+0.0067	0.0000+0.0085	0.0044+0.0110	0.0035+0.0142	0.0091+0.0164	0.0000+0.0388
200	860905	0.0000+0.0073	0.0041+0.0097	0.0252+0.0129	0.0000+0.0157	0.0175+0.0185	0.0080+0.0408
200	860911	0.0070+0.0065	0.0000+0.0081	0.0046+0.0105	0.0000+0.0133	0.0045+0.0155	0.0000+0.0343
200	860917	0.0033+0.0070	0.0029+0.0091	0.0000+0.0110	0.0000+0.0147	0.0000+0.0170	0.0175+0.0385
200	860923	0.0000+0.0058	0.0000+0.0074	0.0017+0.0098	0.0054+0.0127	0.0028+0.0145	0.0087+0.0325
200	860929	0.0001+0.0055	0.0044+0.0073	0.0170+0.0097	0.0000+0.0114	0.0077+0.0138	0.0355+0.0317
200	861005	0.0000+0.0055	0.0164+0.0079	0.0147+0.0097	0.0000+0.0114	0.0150+0.0141	0.0535+0.0324
200	861011	0.0044+0.0056	0.0069+0.0072	0.0014+0.0089	0.0000+0.0111	0.0137+0.0135	0.0435+0.0310
200	861017	0.0019+0.0060	0.0021+0.0078	0.0045+0.0099	0.0055+0.0129	0.0045+0.0146	0.0000+0.0317
200	861023	0.0079+0.0058	0.0009+0.0072	0.0057+0.0092	0.0000+0.0115	0.0189+0.0141	0.0000+0.0301
200	861029	0.0000+0.0054	0.0071+0.0073	0.0055+0.0092	0.0052+0.0118	0.0195+0.0142	0.0038+0.0305
200	861104	0.0000+0.0057	0.0000+0.0073	0.0000+0.0095	0.0000+0.0122	0.0182+0.0149	0.0000+0.0321
200	861111	0.0012+0.0065	0.0026+0.0085	0.0000+0.0106	0.0007+0.0139	0.0238+0.0168	0.0139+0.0366
200	861116	0.0000+0.0127	0.0052+0.0169	0.0000+0.0204	0.0000+0.0272	0.0366+0.0326	0.0481+0.0718
200	861122	0.0024+0.0064	0.0094+0.0084	0.0124+0.0106	0.0000+0.0126	0.0028+0.0156	0.0256+0.0355
200	861128	0.0065+0.0067	0.0072+0.0086	0.0000+0.0106	0.0000+0.0138	0.0173+0.0165	0.0000+0.0361
200	861204	0.0000+0.0062	0.0000+0.0066	0.0155+0.0095	0.0000+0.0110	0.0000+0.0135	0.0000+0.0303
200	861210	0.0000+0.0051	0.0061+0.0071	0.0092+0.0090	0.0000+0.0112	0.0210+0.0137	0.0012+0.0294
200	861216	0.0024+0.0068	0.0000+0.0086	0.0190+0.0117	0.0000+0.0143	0.0018+0.0167	0.0134+0.0380
200	861222	0.0044+0.0061	0.0058+0.0078	0.0047+0.0099	0.0041+0.0127	0.0114+0.0150	0.0355+0.0341
200	861228	0.0000+0.0062	0.0032+0.0081	0.0040+0.0105	0.0000+0.0133	0.0137+0.0159	0.0113+0.0351

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	BA	LA	HG	PB
200	850805	0.0000+0.0880	0.0000+0.1330	0.0000+0.0019	0.0200+0.0055
200	850811	0.0007+0.0827	0.1630+0.1265	0.0000+0.0019	0.0216+0.0054
200	850817	0.0391+0.0664	0.0000+0.1056	0.0010+0.0017	0.0151+0.0043
200	850823	0.0818+0.0715	0.1763+0.1084	0.0040+0.0021	0.0609+0.0061
200	850829	0.0271+0.0711	0.0000+0.1127	0.0022+0.0019	0.0071+0.0043
200	850904	0.0000+0.0807	0.1398+0.1188	0.0003+0.0019	0.0263+0.0052
200	850910	0.0000+0.0747	0.0000+0.1183	0.0018+0.0019	0.0087+0.0047
200	850916	0.0494+0.0768	0.1609+0.1166	0.0000+0.0017	0.0073+0.0047
200	850922	0.0876+0.0739	0.1497+0.1110	0.0010+0.0018	0.0153+0.0047
200	850928	0.0000+0.0975	0.0000+0.1464	0.0004+0.0023	0.0129+0.0061
200	851004	0.0000+0.1182	0.0000+0.2158	0.0000+0.0020	0.0085+0.0073
200	851010	0.0000+0.0699	0.1531+0.1089	0.0036+0.0018	0.0092+0.0041
200	851016	0.1180+0.0691	0.0338+0.1072	0.0025+0.0017	0.0157+0.0044
200	851022	0.0834+0.0691	0.1473+0.1106	0.0021+0.0017	0.0242+0.0047
200	851028	0.0000+0.0655	0.1484+0.1017	0.0008+0.0015	0.0132+0.0040
200	851103	0.0188+0.0628	0.2059+0.1179	0.0006+0.0011	0.0276+0.0046
200	851109	0.0318+0.0747	0.1171+0.1368	0.0000+0.0013	0.0119+0.0047
200	851115	0.0000+0.0884	0.0000+0.1616	0.0000+0.0015	0.0104+0.0054
200	851121	0.0000+0.1095	0.0000+0.2002	0.0020+0.0020	0.0257+0.0070
200	851127	0.0000+0.0687	0.0992+0.1271	0.0010+0.0013	0.0021+0.0040
200	851203	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	851209	0.0000+0.0785	0.0000+0.1442	0.0000+0.0013	0.0084+0.0048
200	851215	0.0083+0.0801	0.0000+0.1442	0.0014+0.0015	0.0166+0.0051
200	851221	0.0000+0.0708	0.0000+0.1282	0.0008+0.0013	0.0523+0.0062
200	851227	0.0371+0.0811	0.0670+0.1474	0.0003+0.0014	0.0068+0.0048

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	BA	LA	HG	PB
200	860102	0.0000+0.0879	0.0000+0.1617	0.0000+0.0015	0.0048+0.0053
200	860108	0.1009+0.0853	0.1552+0.1571	0.0000+0.0014	0.0368+0.0061
200	860114	0.0000+0.0805	0.0916+0.1512	0.0000+0.0014	0.0111+0.0050
200	860120	0.0797+0.0542	0.1774+0.1010	0.0005+0.0010	0.0088+0.0034
200	860126	0.0000+0.0802	0.0267+0.1496	0.0000+0.0014	0.2470+0.0192
200	860201	0.0516+0.0750	0.0000+0.1368	0.0000+0.0013	0.0264+0.0051
200	860207	0.0207+0.0668	0.0000+0.1224	0.0000+0.0011	0.0231+0.0046
200	860213	0.0000+0.0767	0.0000+0.1402	0.0005+0.0014	0.0173+0.0049
200	860219	0.0453+0.0662	0.0420+0.1217	0.0002+0.0012	0.0000+0.0038
200	860225	0.0000+0.1124	0.0000+0.2071	0.0000+0.0019	0.1607+0.0136
200	860303	0.0000+0.0747	0.0000+0.1423	0.0015+0.0014	0.0156+0.0049
200	860309	0.1118+0.0726	0.0000+0.1278	0.0000+0.0012	0.0035+0.0041
200	860315	0.0197+0.0574	0.0475+0.1063	0.0000+0.0011	0.0034+0.0034
200	860321	0.0282+0.0628	0.1170+0.1175	0.0000+0.0011	0.0623+0.0063
200	860327	0.0319+0.0576	0.0000+0.1088	0.0000+0.0009	0.0017+0.0035
200	860402	0.0000+0.0869	0.0000+0.1581	0.0000+0.0015	0.0997+0.0097
200	860408	0.0000+0.0770	0.0000+0.1434	0.0000+0.0013	0.0170+0.0052
200	860414	0.0000+0.0830	0.0000+0.1492	0.0000+0.0014	0.0026+0.0051
200	860420	0.0000+0.0521	0.0000+0.1011	0.0005+0.0009	0.0333+0.0046
200	860426	0.0177+0.0643	0.2006+0.1202	0.0011+0.0012	0.0097+0.0042
200	860502	0.0987+0.0596	0.0249+0.1046	0.0014+0.0012	0.0064+0.0037
200	860508	0.0000+0.0779	0.0000+0.1425	0.0000+0.0013	0.0000+0.0047
200	860514	0.0000+0.0785	0.0000+0.1421	0.0000+0.0014	0.0000+0.0047
200	860520	0.0000+0.0643	0.0308+0.1188	0.0000+0.0011	0.0113+0.0042
200	860526	0.0576+0.0722	0.0588+0.1301	0.0000+0.0013	0.0002+0.0043
200	860601	0.0000+0.0768	0.1022+0.1410	0.0000+0.0013	0.0105+0.0049
200	860607	0.0464+0.0683	0.0981+0.1242	0.0000+0.0012	0.0136+0.0044
200	860613	0.0000+0.0754	0.1026+0.1394	0.0000+0.0013	0.0330+0.0056
200	860619	0.0024+0.0671	0.0000+0.1209	0.0011+0.0013	0.0126+0.0043
200	860625	0.0000+0.0566	0.1727+0.1073	0.0000+0.0011	0.0014+0.0035

PM10 CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	BA	LA	HG	PB
200	860701	0.0720+0.0525	0.1725+0.0964	0.0000+0.0008	0.0045+0.0032
200	860707	0.0014+0.0748	0.0762+0.1369	0.0000+0.0013	0.0054+0.0047
200	860713	0.0000+0.0706	0.0347+0.1298	0.0002+0.0012	0.0114+0.0047
200	860719	0.0000+0.0883	0.0000+0.1608	0.0008+0.0017	0.0159+0.0058
200	860725	0.0312+0.0721	0.0000+0.1290	0.0000+0.0012	0.0000+0.0043
200	860731	0.0862+0.0578	0.1940+0.1059	0.0004+0.0011	0.0000+0.0033
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.0133+0.0535	0.1811+0.1010	0.0000+0.0010	0.0080+0.0034
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.0270+0.0734	0.0146+0.1297	0.0000+0.0013	0.0059+0.0045
200	860830	0.0187+0.0690	0.0759+0.1258	0.0000+0.0012	0.0354+0.0054
200	860905	0.0000+0.0766	0.2107+0.1432	0.0000+0.0013	0.0032+0.0047
200	860911	0.1095+0.0677	0.1273+0.1212	0.0001+0.0012	0.0000+0.0039
200	860917	0.0000+0.0710	0.0000+0.1301	0.0000+0.0013	0.0189+0.0049
200	860923	0.0000+0.0613	0.1983+0.1154	0.0000+0.0011	0.0067+0.0039
200	860929	0.0608+0.0588	0.1592+0.1080	0.0006+0.0011	0.0000+0.0034
200	861005	0.0000+0.0574	0.0000+0.1102	0.0008+0.0011	0.0146+0.0040
200	861011	0.1055+0.0580	0.0000+0.1068	0.0006+0.0011	0.0249+0.0043
200	861017	0.0565+0.0626	0.0503+0.1124	0.0000+0.0011	0.0000+0.0037
200	861023	0.0000+0.0573	0.1691+0.1076	0.0000+0.0009	0.0285+0.0045
200	861029	0.0706+0.0586	0.1496+0.1068	0.0006+0.0012	0.0342+0.0048
200	861104	0.0565+0.0618	0.0000+0.1154	0.0005+0.0012	0.0663+0.0069
200	861111	0.0000+0.0677	0.0000+0.1229	0.0000+0.0012	0.0454+0.0059
200	861116	0.1646+0.1373	0.0000+0.2539	0.0000+0.0021	0.0521+0.0108
200	861122	0.0757+0.0678	0.0000+0.1242	0.0006+0.0013	0.0097+0.0043
200	861128	0.0236+0.0697	0.0867+0.1245	0.0007+0.0013	0.0593+0.0067
200	861204	0.1060+0.0603	0.0877+0.1047	0.0000+0.0011	0.0081+0.0037
200	861210	0.0887+0.0581	0.0000+0.1039	0.0000+0.0009	0.0064+0.0036
200	861216	0.0000+0.0712	0.0479+0.1284	0.0000+0.0013	0.0159+0.0048
200	861222	0.0000+0.0667	0.1733+0.1154	0.0005+0.0012	0.0141+0.0042
200	861228	0.0000+0.0691	0.0933+0.1203	0.0000+0.0012	0.0369+0.0054

## Part I

PM<sub>10</sub> Concentrations Measured at Tanbark Flats

This section contains data on PM<sub>10</sub> mass concentration and chemical composition measured at Tanbark Flats. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule over the period January - December 1986. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following PM<sub>10</sub> ( $d_p < 10 \mu\text{m AD}$ ) aerosol species: PM<sub>10</sub> mass, organic carbon (OC), elemental carbon (EC), total carbon (TC = OC + EC), NO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>, SO<sub>4</sub><sup>=</sup>, NH<sub>4</sub><sup>+</sup>, Na<sup>+</sup>, Mg<sup>++</sup>, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.99 \pm -9.99$  and by  $-9.999 + -9.999$ .

Values preceeded by the symbol < are determined to be below their detection limit. In that case, the measured concentration is bounded up to the sample detection limit and the error bound is determined by statistically propagating the sampling and analysis precisions for that sample. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol < has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by Cl<sup>-</sup>, while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Water soluble PM<sub>10</sub> Br<sup>-</sup> aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	MASS	OC	EC	TC	NH4+
300 860102		-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
300 860108		-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
300 860114		-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
300 860120		66.35+- 2.74	8.39+- 0.68	1.89+- 0.35	10.28+- 0.31	8.93+- 0.36
300 860126		9.73+- 2.70	3.05+- 0.41	< 0.32+- 0.27	< 3.36+- 0.10	0.13+- 0.01
300 860201		18.06+- 2.71	3.35+- 0.42	0.52+- 0.28	3.87+- 0.12	1.43+- 0.06
300 860207		18.42+- 2.71	2.36+- 0.38	< 0.32+- 0.27	< 2.69+- 0.08	0.37+- 0.01
300 860213		6.93+- 2.69	2.65+- 0.39	0.36+- 0.27	3.01+- 0.09	0.49+- 0.02
300 860219		16.04+- 2.68	3.87+- 0.45	0.60+- 0.28	4.47+- 0.13	1.03+- 0.04
300 860225		14.70+- 2.67	5.40+- 0.52	0.78+- 0.29	6.18+- 0.19	0.31+- 0.01
300 860303		27.51+- 2.69	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	2.21+- 0.09
300 860309		-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
300 860315		16.15+- 2.68	7.76+- 0.64	0.73+- 0.29	8.49+- 0.25	0.92+- 0.04
300 860321		12.35+- 2.65	3.13+- 0.41	0.37+- 0.27	3.50+- 0.10	0.24+- 0.01
300 860327		16.60+- 2.67	3.80+- 0.44	0.32+- 0.27	4.12+- 0.12	0.73+- 0.03
300 860402		15.33+- 2.74	4.66+- 0.49	0.64+- 0.29	5.30+- 0.16	1.29+- 0.05
300 860408		26.04+- 2.68	7.57+- 0.63	1.15+- 0.31	8.72+- 0.26	2.15+- 0.09
300 860414		23.48+- 2.69	5.36+- 0.52	0.73+- 0.29	6.09+- 0.18	1.21+- 0.05
300 860420		14.97+- 2.68	4.36+- 0.47	< 0.32+- 0.27	< 4.68+- 0.14	0.39+- 0.02
300 860426		43.23+- 2.68	5.78+- 0.54	0.72+- 0.29	6.50+- 0.20	2.73+- 0.11
300 860502		34.05+- 2.68	8.91+- 0.70	1.27+- 0.32	10.18+- 0.31	1.31+- 0.05
300 860508		31.62+- 2.70	6.75+- 0.60	1.00+- 0.31	7.75+- 0.23	1.05+- 0.04
300 860514		42.75+- 2.69	6.84+- 0.60	1.09+- 0.31	7.92+- 0.24	3.77+- 0.15
300 860520		-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
300 860526		54.86+- 2.71	10.65+- 0.79	0.78+- 0.29	11.42+- 0.34	2.85+- 0.11
300 860601		47.82+- 2.71	10.18+- 0.76	0.73+- 0.29	10.90+- 0.33	3.86+- 0.15
300 860607		50.91+- 2.70	8.66+- 0.69	1.04+- 0.31	9.69+- 0.29	4.27+- 0.17
300 860613		45.10+- 2.70	11.76+- 0.84	1.35+- 0.32	13.12+- 0.39	2.08+- 0.08
300 860619		58.13+- 2.72	14.78+- 0.99	1.46+- 0.33	16.24+- 0.49	2.87+- 0.11
300 860625		61.34+- 2.72	16.04+- 1.06	1.77+- 0.34	17.81+- 0.53	3.71+- 0.15

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	MASS	OC	EC	TC	NH4+
300	860701	43.21+- 2.68	10.21+- 0.76	2.27+- 0.37	12.48+- 0.37	1.67+- 0.07
300	860707	29.68+- 2.67	6.42+- 0.57	1.29+- 0.32	7.70+- 0.23	0.90+- 0.04
300	860713	33.04+- 2.67	7.06+- 0.61	0.58+- 0.28	7.65+- 0.23	1.22+- 0.05
300	860719	26.33+- 2.68	6.80+- 0.59	0.97+- 0.30	7.78+- 0.23	0.75+- 0.03
300	860725	35.04+- 2.68	7.42+- 0.62	1.54+- 0.33	8.96+- 0.27	1.34+- 0.05
300	860731	51.65+- 2.70	11.87+- 0.85	2.62+- 0.38	14.50+- 0.43	2.60+- 0.10
300	860806	63.18+- 2.72	13.51+- 0.93	3.83+- 0.45	17.34+- 0.52	4.27+- 0.17
300	860812	50.44+- 2.70	10.10+- 0.76	3.18+- 0.41	13.28+- 0.40	2.62+- 0.10
300	860818	21.65+- 2.65	7.01+- 0.60	1.58+- 0.33	8.59+- 0.26	0.89+- 0.04
300	860824	57.55+- 2.71	8.03+- 0.65	0.89+- 0.30	8.92+- 0.27	1.93+- 0.08
300	860830	25.07+- 2.65	7.08+- 0.61	0.96+- 0.30	8.04+- 0.24	1.21+- 0.05
300	860905	39.27+- 2.70	11.32+- 0.82	2.67+- 0.39	13.99+- 0.42	1.98+- 0.08
300	860911	54.05+- 2.70	10.56+- 0.78	2.34+- 0.37	12.90+- 0.39	2.96+- 0.12
300	860917	28.09+- 2.68	7.03+- 0.60	1.20+- 0.31	8.23+- 0.25	0.72+- 0.03
300	860923	23.21+- 2.70	3.99+- 0.45	0.61+- 0.29	4.61+- 0.14	1.33+- 0.05
300	860929	31.26+- 2.68	6.63+- 0.58	1.26+- 0.32	7.88+- 0.24	1.48+- 0.06
300	861005	39.02+- 2.68	3.11+- 0.41	0.32+- 0.27	3.43+- 0.10	0.54+- 0.02
300	861011	22.43+- 2.66	2.60+- 0.38	0.44+- 0.27	3.04+- 0.09	2.81+- 0.11
300	861017	48.56+- 2.71	7.34+- 0.62	1.80+- 0.35	9.13+- 0.27	4.91+- 0.20
300	861023	59.18+- 2.71	11.11+- 0.81	2.74+- 0.39	13.85+- 0.42	4.43+- 0.18
300	861029	75.10+- 2.74	17.78+- 1.14	3.76+- 0.44	21.55+- 0.65	5.69+- 0.23
300	861104	13.57+- 2.68	4.03+- 0.46	0.74+- 0.29	4.77+- 0.14	0.42+- 0.02
300	861110	< 2.26+- 2.68	1.33+- 0.32	0.38+- 0.27	1.71+- 0.05	0.13+- 0.01
300	861116	-9.99+- 9.99	2.50+- 0.38	0.37+- 0.27	2.87+- 0.09	0.57+- 0.02
300	861122	11.09+- 2.68	2.90+- 0.40	0.59+- 0.28	3.48+- 0.10	0.57+- 0.02
300	861128	4.67+- 2.69	2.22+- 0.37	0.56+- 0.28	2.79+- 0.08	0.36+- 0.01
300	861204	28.25+- 2.69	4.65+- 0.49	1.59+- 0.33	6.25+- 0.19	1.72+- 0.07
300	861210	26.09+- 2.69	5.81+- 0.55	1.03+- 0.31	6.84+- 0.21	2.29+- 0.09
300	861216	12.93+- 2.70	2.43+- 0.38	0.65+- 0.29	3.08+- 0.09	1.07+- 0.04
300	861222	18.72+- 2.69	3.11+- 0.41	0.92+- 0.30	4.03+- 0.12	1.35+- 0.05
300	861228	4.18+- 2.68	0.89+- 0.30	< 0.32+- 0.27	< 1.21+- 0.04	0.23+- 0.01

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
300	860102	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
300	860108	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
300	860114	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
300	860120	< 0.06+- 0.02	21.81+- 0.92	6.26+- 0.30	0.20+- 0.02	0.05+- 0.00
300	860126	< 0.06+- 0.02	0.58+- 0.02	0.30+- 0.01	< 0.05+- 0.01	< 0.03+- 0.00
300	860201	< 0.06+- 0.02	3.94+- 0.17	0.98+- 0.05	0.17+- 0.01	0.03+- 0.00
300	860207	0.20+- 0.04	1.69+- 0.07	0.71+- 0.03	0.35+- 0.03	0.06+- 0.00
300	860213	< 0.06+- 0.02	1.46+- 0.06	0.36+- 0.02	0.11+- 0.01	< 0.03+- 0.00
300	860219	0.43+- 0.08	2.03+- 0.09	1.67+- 0.08	0.39+- 0.03	0.06+- 0.01
300	860225	< 0.06+- 0.02	0.67+- 0.03	0.43+- 0.02	0.06+- 0.01	0.03+- 0.00
300	860303	< 0.06+- 0.02	0.87+- 0.04	4.94+- 0.24	0.13+- 0.01	0.04+- 0.00
300	860309	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
300	860315	0.56+- 0.10	2.42+- 0.10	1.45+- 0.07	0.75+- 0.05	0.11+- 0.01
300	860321	< 0.06+- 0.02	0.71+- 0.03	0.49+- 0.02	< 0.05+- 0.01	0.03+- 0.00
300	860327	< 0.06+- 0.02	0.60+- 0.03	1.94+- 0.09	0.09+- 0.01	0.05+- 0.00
300	860402	0.31+- 0.06	3.24+- 0.14	4.07+- 0.20	1.51+- 0.11	0.14+- 0.01
300	860408	< 0.06+- 0.02	4.82+- 0.20	3.29+- 0.16	0.53+- 0.04	0.08+- 0.01
300	860414	< 0.06+- 0.02	3.85+- 0.16	2.03+- 0.10	0.58+- 0.04	0.09+- 0.01
300	860420	< 0.06+- 0.02	0.53+- 0.02	0.99+- 0.05	0.10+- 0.01	0.04+- 0.00
300	860426	< 0.06+- 0.02	4.44+- 0.19	8.27+- 0.40	1.52+- 0.11	0.23+- 0.02
300	860502	< 0.06+- 0.02	2.56+- 0.11	3.48+- 0.17	0.67+- 0.05	0.12+- 0.01
300	860508	0.06+- 0.02	4.27+- 0.18	1.71+- 0.08	0.83+- 0.06	0.13+- 0.01
300	860514	< 0.06+- 0.02	4.65+- 0.20	7.31+- 0.35	0.76+- 0.06	0.12+- 0.01
300	860520	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99
300	860526	< 0.06+- 0.02	3.22+- 0.14	7.49+- 0.36	1.02+- 0.07	0.17+- 0.01
300	860601	< 0.06+- 0.02	2.43+- 0.10	10.13+- 0.49	0.66+- 0.05	0.11+- 0.01
300	860607	0.34+- 0.06	4.75+- 0.20	9.33+- 0.45	0.94+- 0.07	0.15+- 0.01
300	860613	< 0.06+- 0.02	2.23+- 0.09	5.24+- 0.25	0.75+- 0.05	0.13+- 0.01
300	860619	< 0.06+- 0.02	3.50+- 0.15	7.38+- 0.35	0.79+- 0.06	0.14+- 0.01
300	860625	< 0.06+- 0.02	1.27+- 0.05	9.82+- 0.47	0.38+- 0.03	0.09+- 0.01



PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	CL-	NO3-	SO4=	NA+	MG++
300	860701	< 0.06+- 0.02	2.01+- 0.08	4.40+- 0.21	0.51+- 0.04	0.11+- 0.01
300	860707	< 0.06+- 0.02	1.40+- 0.06	2.37+- 0.11	0.41+- 0.03	0.06+- 0.01
300	860713	< 0.06+- 0.02	0.85+- 0.04	3.04+- 0.15	0.25+- 0.02	0.06+- 0.00
300	860719	< 0.06+- 0.02	1.26+- 0.05	1.83+- 0.09	0.33+- 0.03	0.07+- 0.01
300	860725	< 0.06+- 0.02	1.86+- 0.08	3.58+- 0.17	0.50+- 0.04	0.09+- 0.01
300	860731	< 0.06+- 0.02	1.28+- 0.05	6.67+- 0.32	0.34+- 0.03	0.09+- 0.01
300	860806	< 0.06+- 0.02	2.06+- 0.09	12.21+- 0.59	0.62+- 0.05	0.12+- 0.01
300	860812	< 0.06+- 0.02	1.53+- 0.06	6.66+- 0.32	0.45+- 0.03	0.11+- 0.01
300	860818	< 0.06+- 0.02	0.78+- 0.03	2.20+- 0.11	0.16+- 0.01	0.06+- 0.00
300	860824	< 0.06+- 0.02	2.91+- 0.12	5.65+- 0.27	0.99+- 0.07	0.26+- 0.02
300	860830	< 0.06+- 0.02	1.77+- 0.07	3.10+- 0.15	0.58+- 0.04	0.10+- 0.01
300	860905	< 0.06+- 0.02	1.17+- 0.05	4.75+- 0.23	0.27+- 0.02	0.09+- 0.01
300	860911	< 0.06+- 0.02	4.84+- 0.20	7.07+- 0.34	1.19+- 0.08	0.18+- 0.02
300	860917	< 0.06+- 0.02	1.74+- 0.07	1.49+- 0.07	0.38+- 0.03	0.06+- 0.00
300	860923	0.11+- 0.03	3.07+- 0.13	3.03+- 0.15	0.84+- 0.06	0.11+- 0.01
300	860929	-9.99+-9.99	3.63+- 0.15	2.54+- 0.12	0.47+- 0.04	0.07+- 0.01
300	861005	< 0.06+- 0.02	0.68+- 0.03	1.12+- 0.05	0.11+- 0.01	0.03+- 0.00
300	861011	< 0.06+- 0.02	3.18+- 0.13	6.10+- 0.29	0.11+- 0.01	< 0.03+- 0.00
300	861017	< 0.06+- 0.02	8.04+- 0.34	8.48+- 0.41	0.47+- 0.04	0.09+- 0.01
300	861023	< 0.06+- 0.02	7.46+- 0.31	7.45+- 0.36	0.50+- 0.04	0.10+- 0.01
300	861029	< 0.06+- 0.02	10.84+- 0.46	7.52+- 0.36	0.26+- 0.02	0.06+- 0.01
300	861104	< 0.06+- 0.02	1.18+- 0.05	0.80+- 0.04	0.22+- 0.02	0.04+- 0.00
300	861110	< 0.06+- 0.02	0.33+- 0.01	0.15+- 0.01	< 0.05+- 0.01	0.03+- 0.00
300	861116	< 0.06+- 0.02	0.93+- 0.04	0.97+- 0.05	0.12+- 0.01	0.03+- 0.00
300	861122	< 0.06+- 0.02	1.07+- 0.05	1.02+- 0.05	0.19+- 0.02	0.04+- 0.00
300	861128	< 0.06+- 0.02	1.05+- 0.04	0.46+- 0.02	0.09+- 0.01	< 0.03+- 0.00
300	861204	< 0.06+- 0.02	6.13+- 0.26	0.87+- 0.04	0.13+- 0.01	0.04+- 0.00
300	861210	< 0.06+- 0.02	7.13+- 0.30	1.25+- 0.06	0.18+- 0.02	0.07+- 0.01
300	861216	< 0.06+- 0.02	2.14+- 0.09	1.52+- 0.07	0.13+- 0.01	0.04+- 0.00
300	861222	< 0.06+- 0.02	3.21+- 0.13	1.31+- 0.06	0.10+- 0.01	0.03+- 0.00
300	861228	< 0.06+- 0.02	0.44+- 0.02	0.46+- 0.02	0.08+- 0.01	0.03+- 0.00

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	AL	SI	P	S	CL	K
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.6852+0.0886	1.3936+0.1904	0.0658+0.0138	2.2322+0.1555	0.0626+0.0119	0.2120+0.0165
300	860126	0.5053+0.0658	1.0911+0.1493	0.0229+0.0053	0.1199+0.0228	0.0357+0.0093	0.1745+0.0142
300	860201	0.0628+0.0115	0.1126+0.0166	0.0196+0.0048	0.4014+0.0403	0.0226+0.0099	0.0577+0.0068
300	860207	0.4988+0.0649	1.2813+0.1753	0.0205+0.0048	0.3446+0.0340	0.2657+0.0228	0.1985+0.0157
300	860213	0.0365+0.0078	0.0426+0.0073	0.0145+0.0036	0.1509+0.0232	0.0353+0.0086	0.0280+0.0045
300	860219	0.0839+0.0131	0.1427+0.0203	0.0373+0.0080	0.7073+0.0568	0.3640+0.0293	0.0651+0.0069
300	860225	0.4599+0.0599	1.0462+0.1430	0.0282+0.0062	0.2319+0.0282	0.0459+0.0093	0.1700+0.0138
300	860303	0.3981+0.0523	0.8724+0.1194	0.0586+0.0124	2.2160+0.1542	0.0491+0.0122	0.1452+0.0123
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.1345+0.0193	0.2438+0.0346	0.0292+0.0064	0.6772+0.0572	0.4622+0.0376	0.0894+0.0088
300	860321	0.4812+0.0625	0.9859+0.1347	0.0226+0.0051	0.2942+0.0303	0.0339+0.0081	0.1434+0.0120
300	860327	0.5941+0.0769	1.5164+0.2070	0.0374+0.0080	0.8494+0.0650	0.0352+0.0086	0.2333+0.0179
300	860402	0.9412+0.1239	2.7968+0.3890	0.0653+0.0139	1.8039+0.1369	0.3770+0.0325	0.3862+0.0300
300	860408	0.3242+0.0439	0.8095+0.1131	0.0494+0.0107	1.3674+0.1076	0.0823+0.0135	0.1723+0.0149
300	860414	0.7634+0.1008	1.9643+0.2735	0.0462+0.0099	0.8953+0.0730	0.0662+0.0108	0.3092+0.0245
300	860420	0.6325+0.0836	1.5584+0.2170	0.0308+0.0068	0.3964+0.0384	0.0503+0.0090	0.2227+0.0182
300	860426	0.7856+0.1036	1.9389+0.2697	0.0802+0.0168	2.8882+0.2126	0.0367+0.0114	0.3187+0.0250
300	860502	0.8680+0.1143	2.2034+0.3065	0.0642+0.0135	1.4601+0.1126	0.0658+0.0114	0.3425+0.0267
300	860508	0.8955+0.1181	2.3413+0.3261	0.0499+0.0107	0.9000+0.0751	0.0889+0.0133	0.3510+0.0275
300	860514	0.5739+0.0761	1.4373+0.2002	0.0774+0.0163	2.7882+0.2074	0.0949+0.0156	0.2616+0.0211
300	860520	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860526	1.1264+0.1481	2.6038+0.3623	0.0955+0.0200	3.0134+0.2229	0.0494+0.0136	0.5524+0.0417
300	860601	0.9133+0.1203	2.1157+0.2945	0.1002+0.0210	3.7738+0.2761	0.0337+0.0130	0.4010+0.0310
300	860607	0.9587+0.1262	2.3270+0.3238	0.0972+0.0204	3.2361+0.2381	0.1099+0.0164	0.4000+0.0309
300	860613	1.0652+0.1401	2.6449+0.3681	0.0803+0.0168	2.0718+0.1561	0.0508+0.0113	0.4292+0.0329
300	860619	1.3707+0.1801	3.7451+0.5212	0.1056+0.0221	2.6414+0.1969	0.0753+0.0142	0.5216+0.0396
300	860625	1.2873+0.1691	3.1104+0.4327	0.1204+0.0252	3.8811+0.2842	0.0415+0.0147	0.4595+0.0352

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	AL	SI	P	S	CL	K
300	860701	1.0606+0.1394	2.6970+0.3750	0.0869+0.0182	1.8345+0.1391	0.0657+0.0120	0.4314+0.0330
300	860707	0.6974+0.0922	1.6409+0.2283	0.0443+0.0096	1.0830+0.0873	0.0517+0.0115	0.3622+0.0282
300	860713	0.6692+0.0884	1.5711+0.2186	0.0517+0.0110	1.1793+0.0926	0.0460+0.0100	0.2736+0.0218
300	860719	0.5473+0.0727	1.2916+0.1799	0.0363+0.0080	0.7928+0.0667	0.0429+0.0100	0.2092+0.0174
300	860725	0.7144+0.0944	1.6967+0.2361	0.0589+0.0126	1.4752+0.1143	0.0374+0.0112	0.2892+0.0231
300	860731	1.0727+0.1410	2.6745+0.3720	0.1030+0.0215	2.6818+0.1986	0.0537+0.0124	0.4202+0.0322
300	860806	1.4483+0.1888	3.5238+0.4872	0.0317+0.0159	4.5556+0.3241	0.0511+0.0153	0.5245+0.0390
300	860812	1.3502+0.1760	3.3322+0.4605	0.0263+0.0132	2.8500+0.2065	0.0526+0.0137	0.4778+0.0356
300	860818	0.9372+0.1224	2.3102+0.3191	0.0000+0.0114	1.0049+0.0803	0.0892+0.0132	0.3565+0.0272
300	860824	1.4095+0.1837	3.5877+0.4960	0.0000+0.0169	2.3150+0.1688	0.0749+0.0123	0.5971+0.0438
300	860830	0.6379+0.0838	1.6043+0.2218	0.0000+0.0118	1.2974+0.0990	0.0430+0.0104	0.2973+0.0230
300	860905	1.0388+0.1358	2.6585+0.3678	0.0080+0.0040	1.9936+0.1475	0.0441+0.0113	0.4203+0.0317
300	860911	1.3775+0.1795	3.5394+0.4890	0.0038+0.0018	2.7605+0.1997	0.0866+0.0142	0.5219+0.0386
300	860917	0.8647+0.1132	2.2921+0.3169	0.0108+0.0108	0.6917+0.0590	0.0773+0.0118	0.3099+0.0240
300	860923	0.4548+0.0602	1.1381+0.1578	0.0000+0.0103	1.1719+0.0904	0.1755+0.0178	0.1942+0.0160
300	860929	0.5653+0.0744	1.4416+0.1996	0.0119+0.0119	1.1097+0.0866	0.0581+0.0107	0.2403+0.0192
300	861005	0.4911+0.0649	1.0136+0.1405	0.0000+0.0087	0.5349+0.0617	0.3577+0.0308	0.4188+0.0314
300	861011	0.1825+0.0251	0.2371+0.0315	0.0000+0.0095	2.2024+0.1602	0.0106+0.0088	0.0554+0.0063
300	861017	0.7940+0.1042	1.9321+0.2675	0.0163+0.0082	3.2825+0.2365	0.0667+0.0139	0.2938+0.0230
300	861023	1.0258+0.1340	2.4464+0.3383	0.0199+0.0199	2.9219+0.2113	0.0679+0.0138	0.3775+0.0287
300	861029	0.9623+0.1259	2.2414+0.3101	0.0215+0.0216	3.1834+0.2313	0.0526+0.0133	0.4074+0.0308
300	861104	0.5325+0.0702	1.4451+0.2001	0.0000+0.0061	0.3476+0.0351	0.0345+0.0084	0.2085+0.0170
300	861110	0.4259+0.0565	1.0592+0.1469	0.0031+0.0031	0.0841+0.0215	0.0309+0.0087	0.1371+0.0122
300	861116	0.2551+0.0347	0.6047+0.0841	0.0046+0.0023	0.3466+0.0376	0.0157+0.0090	0.1043+0.0100
300	861122	0.5944+0.0782	1.3886+0.1924	0.0076+0.0038	0.4560+0.0417	0.0345+0.0080	0.2485+0.0198
300	861128	0.3623+0.0483	0.8807+0.1223	0.0034+0.0017	0.2017+0.0260	0.0217+0.0073	0.1254+0.0113
300	861204	0.7826+0.1026	1.9223+0.2661	0.0091+0.0046	0.3705+0.0372	0.0728+0.0109	0.4619+0.0346
300	861210	0.4089+0.0544	1.0662+0.1479	0.0063+0.0032	0.4881+0.0461	0.0294+0.0096	0.1746+0.0149
300	861216	0.3909+0.0521	0.9072+0.1260	0.0060+0.0031	0.5621+0.0502	0.0460+0.0100	0.1933+0.0162
300	861222	0.3580+0.0477	0.8652+0.1201	0.0053+0.0027	0.4645+0.0426	0.0105+0.0072	0.1159+0.0106
300	861228	0.2098+0.0291	0.5364+0.0748	0.0013+0.0007	0.1764+0.0269	0.0159+0.0089	0.0728+0.0080

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	CA	TI	V	CR	MN	FE
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.2919+0.0209	0.0651+0.0054	0.0083+0.0018	0.0052+0.0011	0.0232+0.0022	0.5614+0.0381
300	860126	0.3221+0.0229	0.0528+0.0046	0.0033+0.0014	0.0031+0.0011	0.0123+0.0017	0.4333+0.0298
300	860201	0.0516+0.0055	0.0130+0.0020	0.0016+0.0012	0.0011+0.0012	0.0109+0.0018	0.0701+0.0066
300	860207	0.3569+0.0252	0.0422+0.0038	0.0030+0.0013	0.0038+0.0010	0.0125+0.0016	0.3055+0.0214
300	860213	0.0163+0.0030	0.0068+0.0014	0.0000+0.0009	0.0013+0.0009	0.0190+0.0020	0.0294+0.0039
300	860219	0.0638+0.0061	0.0169+0.0022	0.0018+0.0011	0.0032+0.0011	0.0125+0.0017	0.0672+0.0061
300	860225	0.3274+0.0231	0.0565+0.0048	0.0032+0.0014	0.0036+0.0011	0.0139+0.0017	0.4010+0.0274
300	860303	0.2536+0.0184	0.0412+0.0039	0.0034+0.0014	0.0039+0.0012	0.0157+0.0020	0.2708+0.0191
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.1146+0.0098	0.0200+0.0024	0.0036+0.0010	0.0036+0.0010	0.0378+0.0032	0.0986+0.0084
300	860321	0.4308+0.0297	0.0448+0.0040	0.0028+0.0013	0.0037+0.0010	0.0125+0.0016	0.4057+0.0277
300	860327	0.4281+0.0297	0.0473+0.0042	0.0056+0.0014	0.0016+0.0009	0.0139+0.0016	0.4050+0.0277
300	860402	0.7528+0.0549	0.0997+0.0082	0.0066+0.0021	0.0047+0.0012	0.0224+0.0025	0.7958+0.0576
300	860408	0.2451+0.0190	0.0500+0.0047	0.0063+0.0018	0.2382+0.0175	0.0599+0.0060	1.4361+0.1029
300	860414	0.5320+0.0394	0.0732+0.0063	0.0063+0.0018	0.0064+0.0012	0.0194+0.0021	0.6270+0.0457
300	860420	0.4589+0.0341	0.0516+0.0048	0.0041+0.0014	0.0079+0.0013	0.0162+0.0018	0.4879+0.0358
300	860426	0.4578+0.0340	0.0699+0.0060	0.0074+0.0018	0.0108+0.0015	0.0190+0.0021	0.6343+0.0461
300	860502	0.5513+0.0406	0.1028+0.0083	0.0100+0.0021	0.0104+0.0015	0.0232+0.0023	0.7641+0.0553
300	860508	0.5670+0.0420	0.1012+0.0084	0.0102+0.0022	0.0801+0.0064	0.0297+0.0032	1.1107+0.0802
300	860514	0.2886+0.0221	0.0813+0.0069	0.0143+0.0023	0.3055+0.0222	0.1231+0.0102	1.8021+0.1288
300	860520	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860526	0.5730+0.0423	0.1105+0.0089	0.0115+0.0024	0.0868+0.0068	0.0324+0.0034	1.4180+0.1017
300	860601	0.4966+0.0369	0.0868+0.0073	0.0114+0.0021	0.1102+0.0084	0.0322+0.0034	1.2065+0.0868
300	860607	0.4895+0.0363	0.0949+0.0079	0.0119+0.0022	0.1205+0.0092	0.0315+0.0035	1.1874+0.0853
300	860613	0.6648+0.0488	0.1364+0.0108	0.0179+0.0029	0.2145+0.0158	0.0427+0.0047	1.8363+0.1315
300	860619	0.8033+0.0587	0.1864+0.0143	0.0253+0.0036	0.4600+0.0332	0.0720+0.0083	2.9261+0.2091
300	860625	0.6821+0.0500	0.1941+0.0149	0.0278+0.0038	0.3623+0.0263	0.0612+0.0070	2.4650+0.1760

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	CA	TI	V	CR	MN	FE
300	860701	0.6689+0.0489	0.1477+0.0116	0.0195+0.0030	0.3426+0.0247	0.0577+0.0066	2.2324+0.1590
300	860707	0.4365+0.0325	0.0848+0.0072	0.0097+0.0021	0.1063+0.0082	0.0264+0.0032	0.9697+0.0698
300	860713	0.3599+0.0271	0.0687+0.0059	0.0033+0.0016	0.0192+0.0021	0.0195+0.0022	0.6251+0.0453
300	860719	0.3155+0.0240	0.0619+0.0055	0.0061+0.0017	0.0501+0.0043	0.0222+0.0025	0.7251+0.0525
300	860725	0.4382+0.0326	0.0999+0.0082	0.0107+0.0023	0.0697+0.0056	0.0249+0.0029	0.9344+0.0673
300	860731	0.6482+0.0475	0.1398+0.0110	0.0140+0.0027	0.0619+0.0050	0.0364+0.0034	1.2842+0.0921
300	860806	0.7963+0.0569	0.1998+0.0150	0.0266+0.0038	0.2045+0.0148	0.0484+0.0050	1.7236+0.1206
300	860812	0.8338+0.0593	0.1602+0.0122	0.0182+0.0031	0.0406+0.0036	0.0391+0.0036	1.3760+0.0963
300	860818	0.6487+0.0463	0.1114+0.0088	0.0083+0.0023	0.0170+0.0020	0.0225+0.0025	0.9066+0.0636
300	860824	0.8716+0.0620	0.1137+0.0090	0.0091+0.0022	0.0219+0.0022	0.0250+0.0025	1.0714+0.0754
300	860830	0.3751+0.0276	0.0721+0.0062	0.0062+0.0018	0.0378+0.0033	0.0198+0.0023	0.7271+0.0513
300	860905	0.5635+0.0407	0.1336+0.0104	0.0153+0.0027	0.0754+0.0059	0.0285+0.0030	1.1818+0.0832
300	860911	0.7750+0.0552	0.1774+0.0134	0.0170+0.0031	0.1784+0.0129	0.0593+0.0054	1.9774+0.1379
300	860917	0.5078+0.0368	0.1237+0.0096	0.0115+0.0024	0.0578+0.0047	0.0272+0.0028	0.9929+0.0698
300	860923	0.2943+0.0221	0.0540+0.0049	0.0048+0.0015	0.0166+0.0019	0.0866+0.0067	0.4657+0.0336
300	860929	0.3400+0.0252	0.0764+0.0064	0.0088+0.0019	0.0290+0.0027	0.0196+0.0023	0.5892+0.0420
300	861005	0.4022+0.0295	0.0604+0.0053	0.0085+0.0018	0.1309+0.0097	0.0198+0.0029	0.8850+0.0624
300	861011	0.0539+0.0054	0.0310+0.0032	0.0021+0.0012	0.0121+0.0015	0.0508+0.0041	0.1116+0.0090
300	861017	0.3868+0.0285	0.0762+0.0065	0.0127+0.0022	0.0254+0.0026	0.0682+0.0054	0.6738+0.0480
300	861023	0.5754+0.0415	0.1272+0.0099	0.0098+0.0024	0.0199+0.0022	0.0304+0.0029	0.9312+0.0656
300	861029	0.5661+0.0409	0.1238+0.0097	0.0118+0.0024	0.0326+0.0030	0.0295+0.0029	0.9586+0.0677
300	861104	0.3661+0.0270	0.0601+0.0053	0.0030+0.0015	0.0055+0.0011	0.0138+0.0017	0.4710+0.0339
300	861110	0.2436+0.0186	0.0370+0.0037	0.0032+0.0014	0.0275+0.0026	0.0109+0.0018	0.4092+0.0296
300	861116	0.1507+0.0122	0.0298+0.0033	0.0016+0.0014	0.0079+0.0014	0.0075+0.0017	0.2834+0.0209
300	861122	0.4007+0.0296	0.0865+0.0071	0.0026+0.0016	0.0083+0.0013	0.0142+0.0017	0.4350+0.0314
300	861128	0.2736+0.0208	0.0327+0.0033	0.0010+0.0011	0.0145+0.0017	0.0102+0.0015	0.3475+0.0254
300	861204	0.5729+0.0416	0.0811+0.0067	0.0041+0.0016	0.0157+0.0018	0.0228+0.0023	0.7792+0.0553
300	861210	0.3106+0.0234	0.0573+0.0051	0.0030+0.0015	0.0107+0.0016	0.0128+0.0018	0.4410+0.0318
300	861216	0.3402+0.0255	0.0403+0.0040	0.0046+0.0014	0.0257+0.0025	0.0135+0.0019	0.4836+0.0349
300	861222	0.3128+0.0234	0.0406+0.0039	0.0026+0.0013	0.0093+0.0014	0.0114+0.0016	0.4018+0.0291
300	861228	0.1473+0.0121	0.0159+0.0024	0.0001+0.0012	0.0064+0.0013	0.0045+0.0015	0.1888+0.0145

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	NI	CU	ZN	GA	AS	SE
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.0091+0.0014	0.0615+0.0050	0.0711+0.0055	0.0002+0.0009	0.0000+0.0054	0.0021+0.0008
300	860126	0.0041+0.0012	0.0458+0.0043	0.0347+0.0035	0.0001+0.0009	0.0000+0.0029	0.0000+0.0008
300	860201	0.0031+0.0013	0.1379+0.0100	0.1107+0.0083	0.0002+0.0010	0.0000+0.0038	0.0013+0.0010
300	860207	0.0046+0.0011	0.1010+0.0075	0.0789+0.0061	0.0004+0.0008	0.0000+0.0030	0.0019+0.0008
300	860213	0.0004+0.0009	0.0149+0.0025	0.0117+0.0022	0.0004+0.0008	0.0000+0.0024	0.0010+0.0008
300	860219	0.0019+0.0011	0.0174+0.0027	0.0348+0.0034	0.0006+0.0009	0.0000+0.0031	0.0005+0.0008
300	860225	0.0034+0.0011	0.0310+0.0033	0.0539+0.0045	0.0000+0.0008	0.0000+0.0034	0.0008+0.0008
300	860303	0.0045+0.0013	0.0957+0.0072	0.0906+0.0070	0.0000+0.0010	0.0034+0.0045	0.0008+0.0009
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.0016+0.0008	0.0408+0.0038	0.0332+0.0034	0.0004+0.0006	0.0010+0.0024	0.0010+0.0006
300	860321	0.0025+0.0010	0.0331+0.0033	0.0314+0.0031	0.0001+0.0006	0.0000+0.0025	0.0010+0.0007
300	860327	0.0019+0.0009	0.0153+0.0023	0.0236+0.0027	0.0000+0.0006	0.0000+0.0026	0.0000+0.0006
300	860402	0.0043+0.0012	0.0621+0.0051	0.0755+0.0061	0.0003+0.0009	0.0075+0.0036	0.0013+0.0010
300	860408	0.1573+0.0119	0.8536+0.0611	0.6380+0.0460	0.0000+0.0015	0.0000+0.0077	0.0017+0.0010
300	860414	0.0079+0.0014	0.3456+0.0251	0.2519+0.0186	0.0013+0.0010	0.0000+0.0042	0.0000+0.0006
300	860420	0.0056+0.0011	0.2840+0.0207	0.2023+0.0150	0.0012+0.0009	0.0014+0.0033	0.0000+0.0006
300	860426	0.0103+0.0015	0.1522+0.0114	0.1521+0.0114	0.0013+0.0010	0.0045+0.0062	0.0025+0.0009
300	860502	0.0092+0.0014	0.4506+0.0325	0.3511+0.0256	0.0018+0.0012	0.0044+0.0059	0.0010+0.0008
300	860508	0.0444+0.0040	0.4743+0.0343	0.3647+0.0267	0.0005+0.0012	0.0000+0.0065	0.0004+0.0009
300	860514	0.1619+0.0122	2.2165+0.1575	1.6482+0.1177	0.0000+0.0027	0.0000+0.0123	0.0009+0.0010
300	860520	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860526	0.0869+0.0069	2.0561+0.1462	1.4155+0.1013	0.0011+0.0025	0.0016+0.0096	0.0013+0.0010
300	860601	0.0705+0.0058	1.3488+0.0962	0.9305+0.0669	0.0025+0.0018	0.0049+0.0075	0.0014+0.0009
300	860607	0.0577+0.0048	0.7445+0.0533	0.5399+0.0390	0.0004+0.0014	0.0001+0.0076	0.0029+0.0010
300	860613	0.0984+0.0077	0.5625+0.0405	0.4307+0.0313	0.0015+0.0012	0.0056+0.0063	0.0008+0.0008
300	860619	0.1821+0.0137	0.4757+0.0344	0.3816+0.0278	0.0017+0.0013	0.0012+0.0074	0.0012+0.0010
300	860625	0.1599+0.0121	1.0464+0.0748	0.7811+0.0562	0.0009+0.0017	0.0000+0.0096	0.0019+0.0011

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	NI	CU	ZN	GA	AS	SE
300	860701	0.1560+0.0117	0.6786+0.0486	0.5277+0.0380	0.0012+0.0013	0.0033+0.0066	0.0029+0.0009
300	860707	0.0496+0.0043	1.4453+0.1027	1.0302+0.0737	0.0016+0.0019	0.0045+0.0067	0.0009+0.0010
300	860713	0.0094+0.0015	0.3311+0.0240	0.2356+0.0174	0.0012+0.0010	0.0011+0.0040	0.0001+0.0007
300	860719	0.0360+0.0033	0.6007+0.0431	0.4308+0.0313	0.0022+0.0013	0.0000+0.0048	0.0019+0.0009
300	860725	0.0412+0.0037	0.9531+0.0680	0.6828+0.0491	0.0000+0.0015	0.0000+0.0060	0.0005+0.0010
300	860731	0.0491+0.0042	0.7135+0.0511	0.5525+0.0398	0.0027+0.0014	0.0011+0.0067	0.0014+0.0009
300	860806	0.0584+0.0049	0.7330+0.0514	0.5750+0.0406	0.0002+0.0015	0.0000+0.0080	0.0008+0.0010
300	860812	0.0257+0.0027	0.5265+0.0370	0.4288+0.0304	0.0013+0.0014	0.0026+0.0072	0.0014+0.0011
300	860818	0.0123+0.0017	0.9961+0.0692	0.7081+0.0496	0.0021+0.0016	0.0033+0.0058	0.0026+0.0010
300	860824	0.0120+0.0016	0.3817+0.0270	0.2831+0.0204	0.0000+0.0009	0.0011+0.0043	0.0011+0.0008
300	860830	0.0231+0.0024	0.3934+0.0277	0.2801+0.0200	0.0030+0.0012	0.0014+0.0048	0.0000+0.0009
300	860905	0.0418+0.0037	0.4681+0.0331	0.3591+0.0256	0.0024+0.0012	0.0007+0.0059	0.0012+0.0009
300	860911	0.0903+0.0070	0.4951+0.0348	0.3861+0.0274	0.0014+0.0013	0.0018+0.0074	0.0003+0.0009
300	860917	0.0301+0.0029	0.6015+0.0421	0.4396+0.0311	0.0019+0.0013	0.0064+0.0052	0.0004+0.0008
300	860923	0.0079+0.0013	0.2666+0.0191	0.1899+0.0139	0.0027+0.0010	0.0015+0.0033	0.0008+0.0008
300	860929	0.0131+0.0017	0.3770+0.0267	0.3051+0.0218	0.0005+0.0011	0.0000+0.0059	0.0011+0.0008
300	861005	0.1844+0.0135	4.8648+0.3366	3.2694+0.2275	0.0079+0.0049	0.0000+0.0188	0.0004+0.0008
300	861011	0.0083+0.0012	0.1793+0.0130	0.1469+0.0108	0.0009+0.0008	0.0031+0.0029	0.0013+0.0008
300	861017	0.0146+0.0019	0.4022+0.0285	0.3508+0.0250	0.0020+0.0013	0.0023+0.0071	0.0020+0.0010
300	861023	0.0164+0.0020	0.4079+0.0289	0.3511+0.0250	0.0009+0.0013	0.0000+0.0083	0.0023+0.0010
300	861029	0.0229+0.0024	0.5767+0.0405	0.4835+0.0342	0.0025+0.0015	0.0012+0.0104	0.0036+0.0010
300	861104	0.0036+0.0010	0.0751+0.0059	0.0926+0.0071	0.0006+0.0008	0.0031+0.0034	0.0010+0.0008
300	861110	0.0125+0.0017	0.4706+0.0332	0.3229+0.0231	0.0000+0.0010	0.0009+0.0030	0.0010+0.0009
300	861116	0.0070+0.0014	0.4065+0.0287	0.2912+0.0208	0.0033+0.0012	0.0035+0.0037	0.0000+0.0010
300	861122	0.0071+0.0012	0.3759+0.0267	0.3339+0.0238	0.0010+0.0010	0.0031+0.0028	0.0009+0.0007
300	861128	0.0115+0.0015	0.2813+0.0202	0.1890+0.0138	0.0010+0.0009	0.0052+0.0034	0.0007+0.0007
300	861204	0.0108+0.0015	0.4598+0.0325	0.3450+0.0246	0.0026+0.0011	0.0000+0.0043	0.0000+0.0006
300	861210	0.0071+0.0014	0.5887+0.0414	0.4012+0.0286	0.0005+0.0013	0.0016+0.0053	0.0010+0.0010
300	861216	0.0189+0.0022	0.4535+0.0322	0.3117+0.0224	0.0000+0.0011	0.0037+0.0038	0.0007+0.0009
300	861222	0.0083+0.0014	0.2316+0.0167	0.1840+0.0134	0.0005+0.0009	0.0053+0.0034	0.0000+0.0006
300	861228	0.0040+0.0013	0.1068+0.0082	0.0747+0.0060	0.0008+0.0009	0.0014+0.0028	0.0001+0.0010

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	BR	RB	SR	Y	ZR	MO
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.0149+0.0015	0.0020+0.0012	0.0036+0.0014	0.0012+0.0017	0.0000+0.0076	0.0065+0.0048
300	860126	0.0025+0.0012	0.0000+0.0014	0.0038+0.0019	0.0000+0.0022	0.0000+0.0097	0.0000+0.0059
300	860201	0.0076+0.0016	0.0012+0.0017	0.0038+0.0021	0.0009+0.0025	0.0000+0.0111	0.0073+0.0070
300	860207	0.0045+0.0011	0.0028+0.0012	0.0342+0.0029	0.0014+0.0017	0.0000+0.0082	0.0055+0.0048
300	860213	0.0036+0.0011	0.0000+0.0013	0.0033+0.0016	0.0000+0.0020	0.0000+0.0087	0.0000+0.0056
300	860219	0.0063+0.0012	0.0000+0.0014	0.0017+0.0016	0.0000+0.0020	0.0000+0.0091	0.0000+0.0054
300	860225	0.0053+0.0012	0.0020+0.0013	0.0030+0.0016	0.0008+0.0019	0.0000+0.0084	0.0095+0.0053
300	860303	0.0107+0.0016	0.0012+0.0016	0.0037+0.0020	0.0000+0.0024	0.0000+0.0103	0.0090+0.0065
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.0084+0.0012	0.0000+0.0012	0.0024+0.0014	0.0018+0.0018	0.0000+0.0074	0.0070+0.0048
300	860321	0.0041+0.0011	0.0000+0.0012	0.0042+0.0015	0.0000+0.0017	0.0000+0.0077	0.0037+0.0048
300	860327	0.0087+0.0012	0.0002+0.0012	0.0037+0.0014	0.0000+0.0017	0.0108+0.0077	0.0076+0.0047
300	860402	0.0133+0.0017	0.0000+0.0015	0.0078+0.0020	0.0000+0.0023	0.0000+0.0101	0.0000+0.0062
300	860408	0.0180+0.0019	0.0000+0.0016	0.0043+0.0020	0.0000+0.0025	0.0000+0.0104	0.0083+0.0067
300	860414	0.0121+0.0014	0.0006+0.0013	0.0036+0.0015	0.0000+0.0018	0.0000+0.0081	0.0009+0.0049
300	860420	0.0085+0.0012	0.0000+0.0011	0.0025+0.0013	0.0000+0.0016	0.0000+0.0073	0.0000+0.0046
300	860426	0.0223+0.0020	0.0024+0.0013	0.0063+0.0016	0.0000+0.0018	0.0062+0.0079	0.0000+0.0048
300	860502	0.0259+0.0023	0.0000+0.0013	0.0053+0.0015	0.0000+0.0018	0.0076+0.0078	0.0065+0.0050
300	860508	0.0183+0.0020	0.0009+0.0016	0.0096+0.0021	0.0000+0.0024	0.0000+0.0100	0.0000+0.0065
300	860514	0.0237+0.0023	0.0000+0.0015	0.0029+0.0018	0.0000+0.0024	0.0069+0.0097	0.0524+0.0076
300	860520	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860526	0.0267+0.0025	0.0012+0.0017	0.0082+0.0021	0.0000+0.0025	0.0131+0.0107	0.0000+0.0069
300	860601	0.0218+0.0021	0.0016+0.0015	0.0058+0.0018	0.0000+0.0022	0.0000+0.0089	0.0050+0.0056
300	860607	0.0260+0.0024	0.0000+0.0015	0.0042+0.0018	0.0000+0.0023	0.0124+0.0095	0.0141+0.0062
300	860613	0.0244+0.0022	0.0017+0.0013	0.0079+0.0017	0.0000+0.0018	0.0000+0.0080	0.0100+0.0050
300	860619	0.0252+0.0024	0.0009+0.0017	0.0110+0.0022	0.0000+0.0025	0.0000+0.0109	0.0592+0.0084
300	860625	0.0308+0.0028	0.0009+0.0018	0.0119+0.0023	0.0000+0.0027	0.0000+0.0114	0.0422+0.0082



PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	BR	RB	SR	Y	ZR	MO
300	860701	0.0209+0.0020	0.0026+0.0013	0.0101+0.0017	0.0000+0.0018	0.0135+0.0079	0.0392+0.0060
300	860707	0.0162+0.0019	0.0005+0.0016	0.0065+0.0021	0.0001+0.0025	0.0000+0.0104	0.0012+0.0065
300	860713	0.0127+0.0015	0.0005+0.0013	0.0040+0.0016	0.0000+0.0019	0.0080+0.0083	0.0000+0.0051
300	860719	0.0169+0.0018	0.0006+0.0015	0.0058+0.0017	0.0000+0.0022	0.0103+0.0092	0.0112+0.0058
300	860725	0.0175+0.0019	0.0000+0.0017	0.0073+0.0022	0.0000+0.0025	0.0000+0.0110	0.0047+0.0069
300	860731	0.0223+0.0021	0.0026+0.0014	0.0102+0.0018	0.0000+0.0019	0.0098+0.0083	0.0108+0.0054
300	860806	0.0268+0.0025	0.0000+0.0017	0.0123+0.0022	0.0000+0.0025	0.0000+0.0105	0.0141+0.0071
300	860812	0.0238+0.0023	0.0015+0.0018	0.0100+0.0023	0.0000+0.0027	0.0000+0.0113	0.0000+0.0073
300	860818	0.0138+0.0016	0.0002+0.0016	0.0082+0.0021	0.0000+0.0024	0.0000+0.0100	0.0043+0.0063
300	860824	0.0174+0.0017	0.0030+0.0013	0.0115+0.0017	0.0000+0.0017	0.0000+0.0075	0.0094+0.0048
300	860830	0.0177+0.0018	0.0024+0.0015	0.0050+0.0018	0.0000+0.0021	0.0000+0.0091	0.0098+0.0059
300	860905	0.0231+0.0021	0.0035+0.0015	0.0070+0.0019	0.0000+0.0022	0.0043+0.0091	0.0107+0.0059
300	860911	0.0257+0.0023	0.0000+0.0014	0.0102+0.0019	0.0000+0.0020	0.0095+0.0088	0.0238+0.0060
300	860917	0.0172+0.0018	0.0005+0.0014	0.0080+0.0018	0.0000+0.0020	0.0047+0.0087	0.0000+0.0054
300	860923	0.0121+0.0014	0.0000+0.0012	0.0014+0.0014	0.0000+0.0017	0.0148+0.0077	0.0000+0.0047
300	860929	0.0191+0.0019	0.0008+0.0013	0.0059+0.0016	0.0000+0.0019	0.0057+0.0083	0.0000+0.0052
300	861005	0.0083+0.0012	0.0005+0.0013	0.0041+0.0015	0.0000+0.0023	0.0000+0.0082	0.0110+0.0055
300	861011	0.0081+0.0011	0.0000+0.0011	0.0001+0.0013	0.0000+0.0016	0.0000+0.0074	0.0014+0.0045
300	861017	0.0207+0.0021	0.0000+0.0015	0.0043+0.0019	0.0000+0.0023	0.0121+0.0096	0.0000+0.0059
300	861023	0.0285+0.0025	0.0027+0.0016	0.0078+0.0019	0.0000+0.0023	0.0000+0.0094	0.0027+0.0059
300	861029	0.0358+0.0029	0.0008+0.0014	0.0062+0.0016	0.0000+0.0021	0.0000+0.0087	0.0034+0.0053
300	861104	0.0081+0.0012	0.0000+0.0013	0.0038+0.0015	0.0000+0.0018	0.0000+0.0084	0.0000+0.0051
300	861110	0.0026+0.0011	0.0006+0.0014	0.0000+0.0017	0.0000+0.0022	0.0032+0.0093	0.0034+0.0059
300	861116	0.0066+0.0014	0.0015+0.0017	0.0014+0.0019	0.0000+0.0025	0.0000+0.0106	0.0000+0.0066
300	861122	0.0061+0.0010	0.0000+0.0011	0.0056+0.0014	0.0000+0.0016	0.0000+0.0069	0.0011+0.0042
300	861128	0.0036+0.0010	0.0000+0.0012	0.0002+0.0014	0.0000+0.0017	0.0127+0.0075	0.0020+0.0047
300	861204	0.0092+0.0013	0.0006+0.0012	0.0023+0.0015	0.0000+0.0018	0.0000+0.0078	0.0000+0.0048
300	861210	0.0107+0.0015	0.0000+0.0015	0.0138+0.0023	0.0000+0.0024	0.0044+0.0101	0.0000+0.0062
300	861216	0.0058+0.0012	0.0000+0.0014	0.0011+0.0017	0.0000+0.0022	0.0101+0.0095	0.0000+0.0059
300	861222	0.0044+0.0011	0.0005+0.0012	0.0025+0.0015	0.0000+0.0018	0.0000+0.0081	0.0000+0.0048
300	861228	0.0054+0.0014	0.0000+0.0017	0.0025+0.0021	0.0000+0.0026	0.0000+0.0109	0.0047+0.0069

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	PD	AG	CD	IN	SN	SB
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.0061+0.0051	0.0000+0.0066	0.0000+0.0088	0.0086+0.0106	0.0260+0.0133	0.0246+0.0287
300	860126	0.0000+0.0059	0.0161+0.0083	0.0038+0.0104	0.0130+0.0134	0.0204+0.0165	0.0000+0.0349
300	860201	0.0000+0.0070	0.0000+0.0089	0.0148+0.0124	0.0064+0.0153	0.0000+0.0185	0.0000+0.0412
300	860207	0.0016+0.0050	0.0084+0.0066	0.0000+0.0089	0.0194+0.0111	0.0125+0.0131	0.0111+0.0289
300	860213	0.0000+0.0052	0.0051+0.0072	0.0092+0.0094	0.0194+0.0123	0.0101+0.0145	0.0000+0.0308
300	860219	0.0000+0.0058	0.0000+0.0071	0.0000+0.0095	0.0000+0.0122	0.0000+0.0146	0.0000+0.0328
300	860225	0.0000+0.0051	0.0029+0.0068	0.0185+0.0095	0.0160+0.0117	0.0178+0.0142	0.0341+0.0318
300	860303	0.0000+0.0064	0.0085+0.0085	0.0026+0.0110	0.0000+0.0138	0.0136+0.0173	0.0417+0.0388
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.0038+0.0050	0.0082+0.0064	0.0086+0.0084	0.0144+0.0106	0.0080+0.0126	0.0216+0.0282
300	860321	0.0003+0.0049	0.0072+0.0064	0.0071+0.0083	0.0011+0.0104	0.0000+0.0122	0.0104+0.0284
300	860327	0.0055+0.0051	0.0067+0.0067	0.0096+0.0084	0.0040+0.0103	0.0170+0.0129	0.0058+0.0278
300	860402	0.0000+0.0062	0.0000+0.0086	0.0047+0.0110	0.0040+0.0142	0.0012+0.0163	0.0054+0.0366
300	860408	0.0033+0.0070	0.0000+0.0090	0.0132+0.0117	0.0000+0.0146	0.0000+0.0167	0.0176+0.0382
300	860414	0.0004+0.0051	0.0000+0.0065	0.0000+0.0083	0.0106+0.0113	0.0261+0.0133	0.0270+0.0289
300	860420	0.0000+0.0043	0.0002+0.0059	0.0076+0.0079	0.0000+0.0095	0.0000+0.0121	0.0050+0.0254
300	860426	0.0102+0.0056	0.0090+0.0070	0.0000+0.0083	0.0000+0.0109	0.0000+0.0123	0.0493+0.0298
300	860502	0.0067+0.0054	0.0005+0.0066	0.0005+0.0084	0.0001+0.0109	0.0359+0.0139	0.0040+0.0279
300	860508	0.0058+0.0067	0.0013+0.0086	0.0134+0.0112	0.0101+0.0144	0.0339+0.0170	0.0000+0.0360
300	860514	0.0028+0.0065	0.0019+0.0083	0.0000+0.0101	0.0000+0.0135	0.0328+0.0165	0.0033+0.0348
300	860520	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860526	0.0000+0.0069	0.0000+0.0088	0.0057+0.0116	0.0021+0.0148	0.0401+0.0179	0.0226+0.0386
300	860601	0.0055+0.0061	0.0105+0.0080	0.0076+0.0099	0.0000+0.0122	0.0286+0.0151	0.0000+0.0321
300	860607	0.0000+0.0059	0.0071+0.0083	0.0000+0.0100	0.0000+0.0132	0.0315+0.0161	0.0165+0.0345
300	860613	0.0000+0.0050	0.0043+0.0067	0.0126+0.0088	0.0101+0.0112	0.0264+0.0133	0.0116+0.0282
300	860619	0.0080+0.0072	0.0025+0.0091	0.0071+0.0116	0.0000+0.0148	0.0108+0.0173	0.0228+0.0387
300	860625	0.0000+0.0072	0.0137+0.0102	0.0058+0.0125	0.0047+0.0162	0.0222+0.0190	0.0000+0.0412

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	PD	AG	CD	IN	SN	SB
300	860701	0.0000+0.0049	0.0000+0.0064	0.0002+0.0083	0.0061+0.0110	0.0262+0.0132	0.0146+0.0282
300	860707	0.0000+0.0068	0.0032+0.0090	0.0119+0.0116	0.0000+0.0145	0.0093+0.0171	0.0118+0.0379
300	860713	0.0000+0.0054	0.0057+0.0072	0.0045+0.0090	0.0000+0.0114	0.0123+0.0136	0.0043+0.0298
300	860719	0.0031+0.0060	0.0000+0.0076	0.0084+0.0100	0.0000+0.0127	0.0172+0.0150	0.0283+0.0334
300	860725	0.0026+0.0072	0.0000+0.0090	0.0012+0.0118	0.0015+0.0155	0.0141+0.0180	0.0000+0.0388
300	860731	0.0016+0.0054	0.0000+0.0075	0.0078+0.0091	0.0100+0.0118	0.0000+0.0141	0.0262+0.0303
300	860806	0.0031+0.0070	0.0000+0.0087	0.0000+0.0114	0.0268+0.0155	0.0000+0.0170	0.0133+0.0383
300	860812	0.0053+0.0075	0.0012+0.0097	0.0094+0.0125	0.0000+0.0158	0.0252+0.0189	0.0306+0.0417
300	860818	0.0071+0.0068	0.0000+0.0084	0.0150+0.0112	0.0000+0.0137	0.0145+0.0165	0.0000+0.0360
300	860824	0.0012+0.0048	0.0052+0.0064	0.0094+0.0082	0.0000+0.0102	0.0079+0.0119	0.0487+0.0290
300	860830	0.0000+0.0059	0.0002+0.0078	0.0113+0.0103	0.0000+0.0127	0.0192+0.0153	0.0000+0.0329
300	860905	0.0000+0.0059	0.0130+0.0082	0.0195+0.0104	0.0000+0.0125	0.0173+0.0150	0.0139+0.0330
300	860911	0.0000+0.0056	0.0054+0.0076	0.0013+0.0095	0.0000+0.0119	0.0251+0.0147	0.0463+0.0329
300	860917	0.0026+0.0058	0.0008+0.0074	0.0000+0.0094	0.0000+0.0121	0.0242+0.0147	0.0150+0.0318
300	860923	0.0071+0.0053	0.0025+0.0065	0.0011+0.0081	0.0000+0.0104	0.0215+0.0129	0.0292+0.0283
300	860929	0.0076+0.0057	0.0132+0.0076	0.0065+0.0091	0.0000+0.0112	0.0074+0.0135	0.0182+0.0302
300	861005	0.0000+0.0069	4.5475+0.3202	0.0000+0.0095	0.0000+0.0127	0.0000+0.0328	0.0638+0.0320
300	861011	0.0046+0.0048	0.0000+0.0069	0.0048+0.0078	0.0000+0.0099	0.0176+0.0119	0.0017+0.0255
300	861017	0.0065+0.0064	0.0099+0.0084	0.0155+0.0107	0.0000+0.0130	0.0214+0.0157	0.0293+0.0349
300	861023	0.0000+0.0062	0.0254+0.0093	0.0189+0.0108	0.0000+0.0131	0.0000+0.0161	0.0778+0.0367
300	861029	0.0000+0.0054	0.0000+0.0078	0.0000+0.0100	0.0057+0.0119	0.0000+0.0146	0.0527+0.0326
300	861104	0.0014+0.0054	0.0000+0.0067	0.0138+0.0093	0.0025+0.0115	0.0000+0.0140	0.0000+0.0295
300	861110	0.0000+0.0059	0.0093+0.0082	0.0000+0.0101	0.0000+0.0130	0.0205+0.0157	0.0219+0.0347
300	861116	0.0000+0.0068	0.0000+0.0088	0.0055+0.0117	0.0000+0.0146	0.0000+0.0172	0.0000+0.0374
300	861122	0.0034+0.0047	0.0001+0.0057	0.0156+0.0084	0.0206+0.0103	0.0015+0.0111	0.0000+0.0247
300	861128	0.0000+0.0046	0.0067+0.0065	0.0000+0.0078	0.0000+0.0104	0.0000+0.0129	0.0000+0.0271
300	861204	0.0019+0.0052	0.0065+0.0068	0.0077+0.0087	0.0000+0.0107	0.0068+0.0128	0.0349+0.0295
300	861210	0.0000+0.0065	0.0008+0.0085	0.0021+0.0110	0.0000+0.0142	0.0159+0.0169	0.0040+0.0371
300	861216	0.0000+0.0062	0.0063+0.0083	0.0026+0.0103	0.0000+0.0132	0.0000+0.0154	0.0227+0.0354
300	861222	0.0019+0.0053	0.0034+0.0068	0.0090+0.0089	0.0000+0.0109	0.0075+0.0131	0.0000+0.0322
300	861228	0.0015+0.0074	0.0009+0.0094	0.0000+0.0119	0.0009+0.0156	0.0106+0.0183	0.0169+0.0410

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	BA	LA	HG	PB
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.0000+0.0530	0.0644+0.0994	0.0024+0.0012	0.0809+0.0070
300	860126	0.0000+0.0675	0.0409+0.1256	0.0000+0.0011	0.0230+0.0046
300	860201	0.0000+0.0779	0.0000+0.1449	0.0000+0.0014	0.0385+0.0057
300	860207	0.0432+0.0549	0.0617+0.1012	0.0000+0.0010	0.0303+0.0042
300	860213	0.0163+0.0606	0.0161+0.1118	0.0011+0.0012	0.0117+0.0038
300	860219	0.0000+0.0619	0.0000+0.1152	0.0012+0.0012	0.0301+0.0046
300	860225	0.0000+0.0581	0.0268+0.1082	0.0000+0.0010	0.0388+0.0048
300	860303	0.0157+0.0721	0.0000+0.1311	0.0000+0.0013	0.0557+0.0062
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.0308+0.0528	0.0530+0.0978	0.0000+0.0008	0.0200+0.0036
300	860321	0.0489+0.0544	0.1039+0.1008	0.0000+0.0010	0.0192+0.0037
300	860327	0.0710+0.0541	0.0194+0.0976	0.0000+0.0009	0.0227+0.0039
300	860402	0.0000+0.0690	0.0000+0.1251	0.0000+0.0012	0.0324+0.0052
300	860408	0.0000+0.0711	0.0000+0.1298	0.0000+0.0013	0.1203+0.0103
300	860414	0.0948+0.0552	0.1589+0.0998	0.0000+0.0009	0.0573+0.0059
300	860420	0.0614+0.0491	0.1379+0.0897	0.0002+0.0009	0.0409+0.0047
300	860426	0.0000+0.0555	0.0839+0.0981	0.0017+0.0011	0.0951+0.0083
300	860502	0.0000+0.0522	0.0861+0.0975	0.0000+0.0010	0.0903+0.0080
300	860508	0.0701+0.0697	0.0000+0.1229	0.0003+0.0013	0.0979+0.0089
300	860514	0.0000+0.0687	0.0291+0.1203	0.0009+0.0013	0.2076+0.0162
300	860520	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860526	0.0000+0.0714	0.0000+0.1290	0.0002+0.0013	0.1572+0.0128
300	860601	0.0326+0.0615	0.1230+0.1129	0.0000+0.0011	0.1175+0.0099
300	860607	0.0633+0.0656	0.0071+0.1171	0.0000+0.0012	0.1198+0.0102
300	860613	0.1076+0.0551	0.0000+0.1019	0.0001+0.0010	0.0956+0.0083
300	860619	0.0000+0.0718	0.0000+0.1295	0.0009+0.0014	0.1136+0.0100
300	860625	0.0359+0.0792	0.0000+0.1410	0.0000+0.0014	0.1550+0.0129

PM10 CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	BA	LA	HG	PB
300	860701	0.0536+0.0536	0.1174+0.0977	0.0004+0.0010	0.1017+0.0087
300	860707	0.0000+0.0712	0.0000+0.1279	0.0000+0.0013	0.0995+0.0090
300	860713	0.0553+0.0574	0.1717+0.1057	0.0000+0.0010	0.0498+0.0055
300	860719	0.0000+0.0608	0.2106+0.1163	0.0025+0.0013	0.0668+0.0067
300	860725	0.0610+0.0758	0.0000+0.1353	0.0000+0.0013	0.0856+0.0083
300	860731	0.0568+0.0569	0.0723+0.1026	0.0004+0.0011	0.1048+0.0090
300	860806	0.0149+0.0724	0.0734+0.1320	0.0010+0.0014	0.1272+0.0107
300	860812	0.0000+0.0773	0.0094+0.1411	0.0000+0.0014	0.1096+0.0097
300	860818	0.0523+0.0694	0.0000+0.1241	0.0000+0.0012	0.0840+0.0079
300	860824	0.0000+0.0530	0.1101+0.0922	0.0002+0.0010	0.0608+0.0059
300	860830	0.0000+0.0626	0.1158+0.1162	0.0000+0.0011	0.0651+0.0066
300	860905	0.0000+0.0646	0.0000+0.1160	0.0000+0.0010	0.0876+0.0079
300	860911	0.0755+0.0609	0.1129+0.1100	0.0000+0.0011	0.1166+0.0097
300	860917	0.0386+0.0601	0.0000+0.1075	0.0005+0.0011	0.0736+0.0070
300	860923	0.0000+0.0539	0.1402+0.0966	0.0004+0.0010	0.0373+0.0047
300	860929	0.0000+0.0591	0.0000+0.1020	0.0005+0.0011	0.0900+0.0079
300	861005	0.0645+0.0558	0.0985+0.1006	0.0044+0.0014	0.3300+0.0240
300	861011	0.0790+0.0501	0.0000+0.0946	0.0000+0.0009	0.0311+0.0041
300	861017	0.0000+0.0640	0.0000+0.1167	0.0010+0.0012	0.1087+0.0093
300	861023	0.0491+0.0655	0.0407+0.1181	0.0008+0.0013	0.1340+0.0109
300	861029	0.0486+0.0585	0.0313+0.1048	0.0000+0.0011	0.1738+0.0135
300	861104	0.0813+0.0572	0.1201+0.1029	0.0000+0.0010	0.0366+0.0048
300	861110	0.0000+0.0633	0.1120+0.1178	0.0004+0.0012	0.0246+0.0046
300	861116	0.0000+0.0729	0.1084+0.1342	0.0002+0.0013	0.0359+0.0055
300	861122	0.0783+0.0493	0.0000+0.0897	0.0014+0.0010	0.0298+0.0040
300	861128	0.1034+0.0545	0.1570+0.0961	0.0011+0.0011	0.0399+0.0049
300	861204	0.0604+0.0553	0.1980+0.1003	0.0000+0.0010	0.0620+0.0062
300	861210	0.0000+0.0696	0.0697+0.1269	0.0005+0.0014	0.0762+0.0075
300	861216	0.0717+0.0676	0.0000+0.1170	0.0000+0.0012	0.0445+0.0056
300	861222	0.0215+0.0558	0.1998+0.1029	0.0000+0.0011	0.0376+0.0048
300	861228	0.0131+0.0778	0.1003+0.1393	0.0000+0.0013	0.0074+0.0048

## Part J

Fine Particle Concentrations Measured at Downtown  
Los Angeles during 1986

This section contains data on fine particle mass concentration and chemical composition measured during the year 1986 at Downtown Los Angeles. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following fine ( $d_p < 2.2 \mu\text{m AD}$ ) aerosol species: fine mass, organic carbon (OC), elemental carbon (EC), total carbon ( $\text{TC} = \text{OC} + \text{EC}$ ),  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ ,  $\text{Mg}^{++}$ , Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.990 \pm -9.990$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol  $<$  are determined to be below their detection limit. In that case, the nominal measured concentration is reported, but the error bound is set equal to the instrumental detection limit for that sample. Therefore, the reported error is greater than the measured concentration. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol  $<$  has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by  $\text{Cl}^-$ , while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  concentrations were obtained by two methods. In one method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a nylon filter downstream of a Teflon-coated cyclone ( $d_p < 2.2 \mu\text{m AD}$ ) and a MgO-coated diffusion denuder designed to quantitatively remove acid gases from the air stream. Nitrate ion and  $\text{Cl}^-$  samples collected by this method are labeled

with the symbol CD [i.e.  $\text{Cl}^-(\text{CD})$  and  $\text{NO}_3^-(\text{CD})$ ]. In the second method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a polytetrafluoroethylene (PTFE) filter located downstream of the Teflon-coated cyclone alone. Nitrate ion and  $\text{Cl}^-$  collected by this method are specified as  $\text{NO}_3^-$  and  $\text{Cl}^-$ , only. Samples for  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ , and  $\text{Mg}^{++}$  determination also were collected on the PTFE filter downstream of the cyclone separator. Water soluble fine  $\text{Br}^-$  aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
087	860102	112.112+- 4.097	12.83+- 0.97	3.90+- 0.52	16.74+- 0.50	44.521+- 1.898	38.662+- 2.254
087	860108	33.314+- 3.922	14.28+- 1.04	7.29+- 0.69	21.57+- 0.65	3.747+- .184	2.417+- 0.141
087	860114	29.041+- 3.945	10.40+- 0.85	4.02+- 0.53	14.42+- 0.43	5.636+- .248	4.390+- 0.256
087	860120	59.248+- 4.001	12.98+- 0.98	3.00+- 0.48	15.98+- 0.48	18.499+- .792	13.043+- 0.760
087	860126	19.801+- 3.982	11.87+- 0.92	< 0.00+- 0.41	< 11.87+- 0.36	1.880+- .095	0.945+- 0.055
087	860201	-9.900+-9.900	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.900+-9.900	-9.900+-9.900
087	860207	23.007+- 3.920	9.71+- 0.82	3.25+- 0.49	12.96+- 0.39	2.716+- .128	1.669+- 0.097
087	860213	36.074+- 4.077	6.72+- 0.67	2.95+- 0.48	9.67+- 0.29	8.423+- .365	8.144+- 0.475
087	860219	17.571+- 3.960	5.87+- 0.62	1.94+- 0.43	7.81+- 0.23	1.167+- .070	1.278+- 0.074
087	860225	66.113+- 4.047	22.78+- 1.46	8.42+- 0.75	31.19+- 0.94	17.952+- .769	11.028+- 0.643
087	860303	58.251+- 3.979	13.06+- 0.98	3.38+- 0.50	16.44+- 0.49	15.029+- .645	8.123+- 0.474
087	860309	17.876+- 3.934	7.93+- 0.72	2.20+- 0.44	10.13+- 0.30	3.156+- .146	2.351+- 0.137
087	860315	17.936+- 4.003	6.75+- 0.66	1.91+- 0.42	8.66+- 0.26	2.650+- .125	1.663+- 0.097
087	860321	21.175+- 3.891	14.39+- 1.04	4.88+- 0.57	19.27+- 0.58	4.065+- .183	0.918+- 0.054
087	860327	89.291+- 4.012	24.98+- 1.58	5.44+- 0.60	30.42+- 0.91	21.519+- .920	9.972+- 0.581
087	860402	11.240+- 3.900	5.23+- 0.59	1.38+- 0.40	6.61+- 0.20	2.281+- .111	1.426+- 0.083
087	860408	16.900+- 3.903	8.77+- 0.77	3.17+- 0.49	11.95+- 0.36	3.264+- .150	1.309+- 0.076
087	860414	29.548+- 3.946	11.17+- 0.89	2.85+- 0.47	14.02+- 0.42	9.455+- .437	4.651+- 0.271
087	860420	12.717+- 3.979	7.91+- 0.72	1.83+- 0.41	9.74+- 0.29	.955+- .142	0.809+- 0.047
087	860426	18.969+- 3.969	8.11+- 0.73	1.82+- 0.42	9.92+- 0.30	4.385+- .241	2.265+- 0.132
087	860502	27.373+- 3.923	10.96+- 0.88	3.62+- 0.51	14.58+- 0.44	6.845+- .332	1.557+- 0.091
087	860508	18.007+- 3.925	7.93+- 0.72	2.41+- 0.45	10.33+- 0.31	5.948+- .298	2.239+- 0.131
087	860514	28.129+- 3.923	6.20+- 0.64	1.62+- 0.41	7.82+- 0.23	6.279+- .311	3.314+- 0.193
087	860520	37.263+- 3.974	8.90+- 0.77	2.52+- 0.45	11.42+- 0.34	10.967+- .499	3.006+- 0.175
087	860526	39.128+- 3.933	8.95+- 0.77	1.34+- 0.39	10.30+- 0.31	9.445+- .437	1.418+- 0.083
087	860601	33.984+- 4.014	6.50+- 0.65	0.82+- 0.37	7.32+- 0.22	4.436+- .244	0.663+- 0.039
087	860607	30.643+- 3.968	7.59+- 0.71	1.43+- 0.40	9.02+- 0.27	4.901+- .260	1.835+- 0.107
087	860613	28.351+- 3.966	10.64+- 0.86	2.64+- 0.46	13.28+- 0.40	6.867+- .335	2.143+- 0.125
087	860619	30.218+- 3.968	11.63+- 0.91	3.82+- 0.52	15.45+- 0.46	7.330+- .352	2.094+- 0.122
087	860625	45.229+- 3.945	11.41+- 0.90	2.70+- 0.46	14.11+- 0.42	11.535+- .522	2.835+- 0.165



## FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
087	860701	28.213+- 3.923	12.19+- 0.93	5.21+- 0.58	17.40+- 0.52	7.251+- .349	1.694+- 0.099
087	860707	13.603+- 3.915	5.80+- 0.62	2.06+- 0.43	7.86+- 0.24	3.406+- .207	1.022+- 0.060
087	860713	26.002+- 3.943	8.48+- 0.75	2.53+- 0.45	11.01+- 0.33	6.456+- .318	0.782+- 0.046
087	860719	25.087+- 3.880	8.39+- 0.74	4.12+- 0.53	12.51+- 0.38	4.519+- .245	1.865+- 0.109
087	860725	15.756+- 3.888	5.63+- 0.61	2.00+- 0.43	7.64+- 0.23	3.774+- .219	1.012+- 0.059
087	860731	-9.900+- -9.900	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.900+- -9.900	-9.900+- -9.900
087	860806	46.126+- 3.755	8.74+- 0.74	4.26+- 0.52	13.00+- 0.39	9.003+- .415	1.119+- 0.065
087	860812	37.172+- 3.744	10.09+- 0.81	4.29+- 0.52	14.39+- 0.43	10.743+- .486	1.886+- 0.110
087	860818	28.655+- 3.762	11.42+- 0.87	5.09+- 0.56	16.50+- 0.50	3.804+- .214	1.254+- 0.073
087	860824	41.887+- 3.814	9.35+- 0.77	3.28+- 0.47	12.63+- 0.38	10.411+- .473	2.050+- 0.119
087	860830	27.586+- 3.769	8.91+- 0.75	2.77+- 0.44	11.68+- 0.35	7.460+- .353	2.529+- 0.147
087	860905	40.589+- 3.821	12.33+- 0.92	5.41+- 0.58	17.74+- 0.53	12.701+- .568	3.037+- 0.177
087	860911	32.703+- 3.834	8.88+- 0.75	3.41+- 0.48	12.29+- 0.37	7.768+- .366	1.919+- 0.112
087	860917	23.751+- 3.811	10.14+- 0.81	4.86+- 0.55	15.00+- 0.45	4.542+- .241	0.910+- 0.053
087	860923	-9.900+- -9.900	5.89+- 0.60	2.54+- 0.43	8.43+- 0.25	2.672+- .177	1.306+- 0.076
087	860929	35.874+- 3.834	12.82+- 0.95	6.01+- 0.61	18.83+- 0.56	10.072+- .459	3.423+- 0.200
087	861005	10.603+- 3.745	8.50+- 0.73	2.43+- 0.43	10.93+- 0.33	2.361+- .167	1.405+- 0.082
087	861011	21.983+- 3.810	5.04+- 0.56	1.34+- 0.38	6.39+- 0.19	3.604+- .208	1.025+- 0.060
087	861017	28.593+- 3.775	9.64+- 0.79	3.75+- 0.50	13.39+- 0.40	7.146+- .341	2.876+- 0.168
087	861023	49.765+- 3.811	11.08+- 0.86	4.84+- 0.55	15.92+- 0.48	12.958+- .579	7.209+- 0.420
087	861029	69.375+- 3.869	19.28+- 1.27	5.74+- 0.60	25.02+- 0.75	23.610+- 1.024	13.242+- 0.772
087	861104	50.724+- 3.799	20.20+- 1.32	7.46+- 0.68	27.66+- 0.83	13.882+- .617	7.672+- 0.447
087	861110	22.699+- 3.758	< 0.00+- 0.55	6.33+- 0.62	< 6.33+- 0.19	3.666+- .209	1.396+- 0.081
087	861116	27.659+- 3.736	12.81+- 0.95	4.11+- 0.51	16.92+- 0.51	13.503+- .600	7.977+- 0.465
087	861122	-9.900+- -9.900	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.900+- -9.900	-9.900+- -9.900
087	861128	28.619+- 3.737	11.68+- 0.89	4.89+- 0.55	16.57+- 0.50	11.738+- .527	7.747+- 0.452
087	861204	138.764+- 4.021	28.84+- 1.75	14.37+- 1.03	43.21+- 1.30	56.345+- 2.410	53.774+- 3.135
087	861210	56.344+- 3.795	21.25+- 1.37	10.18+- 0.82	31.43+- 0.94	15.391+- .679	11.090+- 0.647
087	861216	60.337+- 3.819	18.14+- 1.22	8.28+- 0.72	26.42+- 0.79	16.599+- .730	13.069+- 0.762
087	861222	-9.900+- -9.900	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.900+- -9.900	-9.900+- -9.900
087	861228	64.768+- 3.887	22.26+- 1.42	6.82+- 0.65	29.08+- 0.87	23.714+- 1.029	17.571+- 1.024

FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	CL-(CD)	Cl-	SO4=	NH4+	NA+	MG++
087	860102	< .525+- .789	0.847+- 0.179	10.217+- 0.581	16.317+- 0.658	< 0.054+- 0.121	0.059+- 0.020
087	860108	< .000+- .782	0.247+- 0.079	1.125+- 0.064	0.871+- 0.035	0.135+- 0.074	0.317+- 0.107
087	860114	< .248+- .284	0.300+- 0.087	2.407+- 0.137	2.039+- 0.082	< 0.114+- 0.121	< 0.026+- 0.051
087	860120	.547+- .147	0.279+- 0.084	10.002+- 0.568	8.637+- 0.348	< 0.109+- 0.121	0.059+- 0.020
087	860126	< .060+- .282	< 0.044+- 0.097	0.676+- 0.038	0.437+- 0.018	< 0.000+- 0.121	< 0.015+- 0.051
087	860201	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
087	860207	.444+- .145	< 0.060+- 0.099	0.904+- 0.051	0.770+- 0.031	< 0.101+- 0.123	< 0.032+- 0.051
087	860213	1.265+- .157	0.646+- 0.145	1.767+- 0.100	3.408+- 0.137	< 0.000+- 0.124	< 0.016+- 0.052
087	860219	.893+- .151	0.555+- 0.129	1.022+- 0.058	0.409+- 0.016	0.367+- 0.104	0.081+- 0.027
087	860225	.504+- .144	0.195+- 0.072	3.113+- 0.177	4.430+- 0.179	0.280+- 0.091	0.154+- 0.052
087	860303	.506+- .146	0.344+- 0.095	9.771+- 0.555	6.304+- 0.254	< 0.097+- 0.123	< 0.043+- 0.051
087	860309	.703+- .146	0.181+- 0.070	1.305+- 0.074	0.767+- 0.031	0.383+- 0.106	0.070+- 0.023
087	860315	.556+- .146	0.216+- 0.075	1.117+- 0.063	0.733+- 0.030	0.204+- 0.081	0.058+- 0.020
087	860321	< .067+- .276	< 0.059+- 0.096	1.139+- 0.065	0.749+- 0.030	< 0.000+- 0.119	< 0.037+- 0.050
087	860327	.932+- .149	0.175+- 0.069	11.091+- 0.630	7.035+- 0.284	0.134+- 0.073	0.116+- 0.039
087	860402	.426+- .144	< 0.049+- 0.097	1.254+- 0.071	0.536+- 0.022	0.213+- 0.083	0.058+- 0.020
087	860408	.387+- .143	< 0.079+- 0.097	1.552+- 0.088	0.688+- 0.028	< 0.117+- 0.120	< 0.048+- 0.050
087	860414	-9.900+-9.900	< 0.085+- 0.097	3.334+- 0.189	1.967+- 0.079	1.135+- 0.228	< 0.048+- 0.051
087	860420		< 0.013+- 0.097	1.234+- 0.070	0.586+- 0.024	< 0.113+- 0.120	< 0.048+- 0.050
087	860426		0.135+- 0.064	4.580+- 0.260	1.793+- 0.072	0.628+- 0.143	0.091+- 0.031
087	860502		< 0.054+- 0.097	4.474+- 0.254	1.633+- 0.066	0.336+- 0.099	0.080+- 0.027
087	860508		< 0.069+- 0.097	2.011+- 0.114	1.079+- 0.044	0.653+- 0.147	0.080+- 0.027
087	860514		0.136+- 0.064	9.144+- 0.520	3.609+- 0.145	0.726+- 0.159	0.113+- 0.038
087	860520		< 0.096+- 0.098	10.915+- 0.620	4.183+- 0.169	0.840+- 0.178	0.109+- 0.037
087	860526		< 0.003+- 0.097	12.936+- 0.735	4.859+- 0.196	0.525+- 0.127	0.080+- 0.027
087	860601		0.199+- 0.073	12.184+- 0.692	4.481+- 0.181	0.235+- 0.086	< 0.048+- 0.051
087	860607		< 0.049+- 0.098	7.472+- 0.425	2.663+- 0.107	1.009+- 0.206	0.081+- 0.027
087	860613		0.122+- 0.063	6.372+- 0.362	2.431+- 0.098	0.693+- 0.154	0.114+- 0.038
087	860619		< 0.085+- 0.097	4.910+- 0.279	1.764+- 0.071	0.753+- 0.164	0.113+- 0.038
087	860625		< 0.070+- 0.098	11.898+- 0.676	5.409+- 0.218	0.246+- 0.087	0.070+- 0.024

FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
087	860701		0.211+- 0.074	5.096+- 0.290	1.812+- 0.073	0.772+- 0.166	0.241+- 0.081
087	860707	<	0.054+- 0.098	2.300+- 0.131	0.828+- 0.033	0.298+- 0.094	0.070+- 0.024
087	860713	<	0.054+- 0.098	5.325+- 0.303	1.942+- 0.078	0.496+- 0.123	< 0.048+- 0.051
087	860719		0.217+- 0.075	3.080+- 0.175	1.169+- 0.047	0.876+- 0.184	0.113+- 0.038
087	860725		0.136+- 0.065	4.727+- 0.269	1.462+- 0.059	0.505+- 0.124	0.064+- 0.022
087	860731		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
087	860806	<	0.088+- 0.095	17.552+- 0.997	6.244+- 0.252	0.393+- 0.106	0.068+- 0.023
087	860812	<	0.093+- 0.095	11.368+- 0.646	4.507+- 0.182	0.337+- 0.098	0.068+- 0.023
087	860818		0.207+- 0.073	4.512+- 0.256	1.692+- 0.068	1.082+- 0.218	0.190+- 0.064
087	860824	<	0.038+- 0.095	12.793+- 0.727	4.955+- 0.200	0.857+- 0.180	0.105+- 0.035
087	860830		0.167+- 0.067	5.619+- 0.319	2.182+- 0.088	1.187+- 0.236	0.116+- 0.039
087	860905	<	0.048+- 0.096	7.744+- 0.440	3.734+- 0.151	0.806+- 0.172	0.074+- 0.025
087	860911		0.105+- 0.061	9.301+- 0.529	3.361+- 0.135	0.911+- 0.190	0.102+- 0.034
087	860917		0.153+- 0.066	1.716+- 0.097	0.683+- 0.028	0.494+- 0.122	0.069+- 0.023
087	860923		0.132+- 0.063	2.588+- 0.147	1.109+- 0.045	0.538+- 0.128	0.068+- 0.023
087	860929	<	0.093+- 0.095	3.413+- 0.194	2.097+- 0.085	0.541+- 0.129	0.068+- 0.023
087	861005	<	0.057+- 0.094	1.439+- 0.082	1.037+- 0.042	0.251+- 0.086	< 0.036+- 0.049
087	861011	<	0.000+- 0.095	6.878+- 0.391	2.682+- 0.108	0.339+- 0.098	< 0.047+- 0.050
087	861017	<	0.093+- 0.095	6.269+- 0.356	3.293+- 0.133	0.393+- 0.106	0.057+- 0.019
087	861023		0.256+- 0.080	7.750+- 0.440	4.884+- 0.197	0.422+- 0.111	0.058+- 0.020
087	861029		0.233+- 0.076	8.829+- 0.502	7.723+- 0.311	0.502+- 0.122	0.067+- 0.023
087	861104		0.282+- 0.084	4.756+- 0.270	3.955+- 0.159	0.532+- 0.127	0.079+- 0.026
087	861110	<	0.018+- 0.094	1.058+- 0.060	0.676+- 0.027	0.211+- 0.080	< 0.046+- 0.049
087	861116	<	0.042+- 0.094	2.277+- 0.129	3.412+- 0.138	0.277+- 0.089	< 0.046+- 0.049
087	861122		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
087	861128	<	0.028+- 0.094	1.283+- 0.073	2.791+- 0.113	0.259+- 0.087	< 0.046+- 0.049
087	861204		0.448+- 0.109	4.517+- 0.257	16.013+- 0.646	0.497+- 0.121	0.089+- 0.030
087	861210		0.103+- 0.059	2.514+- 0.143	3.577+- 0.144	0.258+- 0.087	0.050+- 0.017
087	861216		0.264+- 0.081	4.500+- 0.256	5.011+- 0.202	0.319+- 0.096	0.050+- 0.017
087	861222		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
087	861228	<	0.058+- 0.096	2.151+- 0.122	6.320+- 0.255	0.341+- 0.099	0.053+- 0.018

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	AL	SI	P	S	CL	K
087	860102	0.1429+0.0236	0.1607+0.0245	0.1023+0.0222	3.7949+0.3080	0.5543+0.0539	0.1385+0.0162
087	860108	0.1717+0.0269	0.3488+0.0507	0.0489+0.0113	0.4522+0.0682	0.1312+0.0254	0.1231+0.0148
087	860114	0.1025+0.0191	0.2184+0.0326	0.0411+0.0100	1.0111+0.1005	0.1364+0.0266	0.0880+0.0130
087	860120	0.1576+0.0251	0.1633+0.0249	0.0928+0.0202	4.0982+0.3319	0.1132+0.0266	0.0748+0.0121
087	860126	0.0877+0.0177	0.1822+0.0276	0.0246+0.0073	0.2792+0.0576	0.0741+0.0238	0.0769+0.0126
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.0726+0.0155	0.1522+0.0233	0.0284+0.0077	0.4629+0.0628	0.0995+0.0233	0.0632+0.0112
087	860213	0.0749+0.0155	0.1090+0.0175	0.0498+0.0115	0.8919+0.0907	0.4211+0.0434	0.0845+0.0124
087	860219	0.0508+0.0141	0.0424+0.0097	0.0288+0.0079	0.4686+0.0654	0.5195+0.0507	0.0575+0.0113
087	860225	0.2271+0.0341	0.2500+0.0371	0.0721+0.0161	1.3905+0.1311	0.1701+0.0296	0.1157+0.0152
087	860303	0.1248+0.0213	0.1652+0.0252	0.0960+0.0209	3.5297+0.2873	0.0635+0.0244	0.0753+0.0122
087	860309	0.0369+0.0125	0.0579+0.0111	0.0280+0.0075	0.5626+0.0689	0.0271+0.0204	0.0694+0.0115
087	860315	0.0724+0.0164	0.0643+0.0123	0.0285+0.0080	0.4811+0.0660	0.1723+0.0287	0.0667+0.0122
087	860321	0.1368+0.0223	0.1960+0.0293	0.0401+0.0097	0.5048+0.0660	0.0667+0.0220	0.0472+0.0104
087	860327	0.2183+0.0324	0.3516+0.0511	0.1222+0.0261	4.0889+0.3294	0.0494+0.0238	0.1333+0.0155
087	860402	0.1219+0.0202	0.2652+0.0381	0.0222+0.0066	0.7101+0.0732	0.0968+0.0230	0.0703+0.0114
087	860408	0.0666+0.0150	0.1169+0.0181	0.0324+0.0082	0.7133+0.0756	0.1016+0.0235	0.0585+0.0106
087	860414	0.1002+0.0189	0.2254+0.0328	0.0432+0.0105	1.4264+0.1225	0.0544+0.0239	0.0926+0.0131
087	860420	0.1802+0.0275	0.4384+0.0619	0.0313+0.0084	0.5222+0.0656	0.0519+0.0229	0.1200+0.0146
087	860426	0.1696+0.0257	0.3294+0.0468	0.0670+0.0147	1.8486+0.1473	0.0982+0.0232	0.1227+0.0140
087	860502	0.2294+0.0332	0.4761+0.0672	0.0634+0.0141	1.7959+0.1457	0.0750+0.0235	0.1069+0.0135
087	860508	0.1102+0.0195	0.2729+0.0393	0.0408+0.0098	1.0129+0.0940	0.0720+0.0234	0.0953+0.0130
087	860514	0.1828+0.0273	0.2687+0.0386	0.0839+0.0182	3.7369+0.2795	0.0720+0.0238	0.1127+0.0136
087	860520	0.2382+0.0340	0.3937+0.0556	0.1059+0.0225	4.6887+0.3430	0.0257+0.0230	0.1389+0.0151
087	860526	0.2047+0.0300	0.3023+0.0432	0.1105+0.0235	5.2859+0.3886	0.0000+0.0229	0.1795+0.0179
087	860601	0.1976+0.0297	0.2595+0.0374	0.0929+0.0200	4.6252+0.3410	0.0000+0.0242	0.0873+0.0131
087	860607	0.2149+0.0314	0.5263+0.0739	0.0701+0.0155	2.8153+0.2138	0.0311+0.0230	0.1634+0.0170
087	860613	0.1673+0.0257	0.2522+0.0362	0.0717+0.0157	2.5510+0.1954	0.0785+0.0239	0.1079+0.0136
087	860619	0.1765+0.0270	0.3996+0.0565	0.0518+0.0120	1.9062+0.1535	0.0791+0.0248	0.1706+0.0176
087	860625	0.3031+0.0421	0.3931+0.0557	0.1079+0.0229	4.8379+0.3571	0.0227+0.0229	0.1087+0.0132

FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	AL	SI	P	S	CL	K
087	860701	0.1791+0.0275	0.2658+0.0383	0.0668+0.0149	2.0552+0.1642	0.0476+0.0239	0.2113+0.0203
087	860707	0.2260+0.0323	0.2742+0.0393	0.0450+0.0105	0.9937+0.0906	0.0752+0.0214	0.1258+0.0142
087	860713	0.2098+0.0305	0.2314+0.0335	0.0567+0.0127	2.0059+0.1596	0.0110+0.0210	0.0937+0.0126
087	860719	0.1678+0.0253	0.3565+0.0505	0.0644+0.0142	1.1645+0.1042	0.0964+0.0231	0.1694+0.0169
087	860725	0.1224+0.0197	0.1835+0.0269	0.0469+0.0109	1.6228+0.1321	0.0712+0.0221	0.0869+0.0119
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	0.2632+0.0362	0.3877+0.0543	0.0000+0.0274	6.2427+0.4415	0.0000+0.0216	0.1391+0.0142
087	860812	0.2432+0.0337	0.3797+0.0532	0.0000+0.0215	4.2195+0.3031	0.0025+0.0197	0.1150+0.0126
087	860818	0.1964+0.0285	0.3979+0.0558	0.0000+0.0123	1.6386+0.1306	0.0113+0.0205	0.1155+0.0134
087	860824	0.1879+0.0277	0.2819+0.0401	0.0000+0.0189	4.7922+0.3456	0.0000+0.0226	0.1322+0.0147
087	860830	0.1708+0.0253	0.2841+0.0403	0.0000+0.0139	2.2912+0.1735	0.0397+0.0210	0.1077+0.0129
087	860905	0.2097+0.0303	0.3117+0.0442	0.0000+0.0172	3.1999+0.2370	0.0437+0.0229	0.2232+0.0203
087	860911	0.1504+0.0232	0.2264+0.0326	0.0073+0.0158	3.2579+0.2410	0.0368+0.0225	0.0953+0.0125
087	860917	0.1715+0.0260	0.3297+0.0467	0.0498+0.0178	0.7710+0.0792	0.0692+0.0238	0.1485+0.0160
087	860923	0.0865+0.0161	0.1472+0.0219	0.0159+0.0114	1.0159+0.0897	0.0247+0.0202	0.0820+0.0116
087	860929	0.1386+0.0221	0.2658+0.0379	0.0000+0.0104	1.3019+0.1114	0.0789+0.0234	0.1372+0.0150
087	861005	0.0939+0.0164	0.1409+0.0209	0.0118+0.0072	0.5820+0.0628	0.0277+0.0193	0.0531+0.0097
087	861011	0.1331+0.0209	0.1324+0.0200	0.0028+0.0052	2.6829+0.2006	0.0000+0.0199	0.0658+0.0107
087	861017	0.1682+0.0248	0.2682+0.0380	0.0000+0.0163	2.4828+0.1861	0.0443+0.0201	0.1187+0.0131
087	861023	0.2010+0.0289	0.3191+0.0451	0.0000+0.0163	2.7851+0.2078	0.1019+0.0235	0.1376+0.0146
087	861029	0.2687+0.0376	0.3936+0.0553	0.0000+0.0240	3.3982+0.2508	0.1006+0.0248	0.1718+0.0169
087	861104	0.2696+0.0375	0.5506+0.0768	0.0085+0.0057	1.9290+0.1508	0.0692+0.0224	0.1726+0.0169
087	861110	0.1823+0.0265	0.3816+0.0535	0.0153+0.0078	0.4773+0.0600	0.0231+0.0187	0.0893+0.0115
087	861116	0.1025+0.0175	0.1561+0.0229	0.0094+0.0051	0.9747+0.0874	0.0244+0.0193	0.1132+0.0129
087	861122	0.1080+0.0173	0.2178+0.0311	0.0000+0.0067	0.4630+0.0525	0.0369+0.0174	0.1038+0.0120
087	861128	0.0834+0.0157	0.1628+0.0239	0.0000+0.0084	0.5890+0.0652	0.0298+0.0201	0.0857+0.0116
087	861204	0.3293+0.0451	0.5576+0.0777	0.0336+0.0169	1.9426+0.1558	0.3275+0.0353	0.2762+0.0233
087	861210	0.1124+0.0189	0.2009+0.0289	0.0035+0.0051	1.1109+0.0973	0.1218+0.0232	0.1443+0.0148
087	861216	0.1725+0.0257	0.2535+0.0361	0.0097+0.0056	2.0569+0.1584	0.3079+0.0334	0.1998+0.0184
087	861222	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	861228	0.0958+0.0180	0.1659+0.0244	0.0385+0.0193	0.9533+0.0889	0.1018+0.0236	0.2164+0.0199

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	CA	TI	V	CR	MN	FE
087	860102	0.0443+0.0080	0.0112+0.0040	0.0060+0.0029	0.0046+0.0028	0.0270+0.0044	0.1187+0.0118
087	860108	0.1316+0.0134	0.0384+0.0054	0.0078+0.0031	0.0072+0.0028	0.0373+0.0048	0.2943+0.0247
087	860114	0.1311+0.0136	0.0423+0.0058	0.0061+0.0032	0.0066+0.0029	0.0222+0.0042	0.1673+0.0154
087	860120	0.0609+0.0088	0.0134+0.0041	0.0100+0.0031	0.0051+0.0028	0.0205+0.0040	0.0973+0.0103
087	860126	0.0968+0.0113	0.0232+0.0047	0.0008+0.0029	0.0037+0.0028	0.0187+0.0042	0.1656+0.0154
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.0697+0.0092	0.0131+0.0039	0.0027+0.0028	0.0012+0.0026	0.0189+0.0038	0.1085+0.0109
087	860213	0.0601+0.0086	0.0142+0.0039	0.0030+0.0027	0.0041+0.0025	0.0182+0.0037	0.0859+0.0095
087	860219	0.0464+0.0080	0.0120+0.0041	0.0039+0.0029	0.0026+0.0028	0.0113+0.0038	0.0933+0.0101
087	860225	0.1264+0.0135	0.0496+0.0063	0.0129+0.0037	0.0072+0.0030	0.0513+0.0060	0.2652+0.0229
087	860303	0.0584+0.0087	0.0368+0.0054	0.0155+0.0035	0.0057+0.0028	0.0198+0.0040	0.1350+0.0130
087	860309	0.0504+0.0081	0.0029+0.0035	0.0009+0.0026	0.0044+0.0026	0.0106+0.0036	0.0481+0.0070
087	860315	0.0400+0.0080	0.0026+0.0039	0.0011+0.0030	0.0023+0.0028	0.0120+0.0040	0.0621+0.0082
087	860321	0.0722+0.0093	0.0218+0.0044	0.0027+0.0027	0.0000+0.0024	0.0251+0.0042	0.1594+0.0146
087	860327	0.0910+0.0106	0.0378+0.0054	0.0131+0.0033	0.0082+0.0028	0.0408+0.0050	0.2448+0.0209
087	860402	0.1007+0.0107	0.0126+0.0039	0.0064+0.0029	0.0000+0.0027	0.0143+0.0037	0.1276+0.0116
087	860408	0.0606+0.0083	0.0176+0.0040	0.0000+0.0027	0.0047+0.0027	0.0184+0.0038	0.1601+0.0138
087	860414	0.0719+0.0095	0.0156+0.0044	0.0066+0.0032	0.0015+0.0031	0.0061+0.0038	0.1256+0.0118
087	860420	0.1558+0.0145	0.0198+0.0044	0.0039+0.0031	0.0000+0.0029	0.0191+0.0041	0.2075+0.0171
087	860426	0.0970+0.0104	0.0263+0.0044	0.0062+0.0028	0.0012+0.0026	0.0127+0.0035	0.1409+0.0123
087	860502	0.1360+0.0131	0.0262+0.0046	0.0108+0.0032	0.0000+0.0027	0.0180+0.0039	0.2078+0.0171
087	860508	0.0918+0.0104	0.0219+0.0044	0.0052+0.0031	0.0000+0.0028	0.0170+0.0039	0.1546+0.0136
087	860514	0.0945+0.0103	0.0281+0.0045	0.0076+0.0029	0.0021+0.0027	0.0227+0.0040	0.1653+0.0141
087	860520	0.1367+0.0130	0.0318+0.0047	0.0066+0.0029	0.0049+0.0028	0.0150+0.0036	0.2378+0.0190
087	860526	0.1119+0.0115	0.0148+0.0039	0.0067+0.0029	0.0038+0.0028	0.0124+0.0036	0.0915+0.0093
087	860601	0.0748+0.0096	0.0087+0.0041	0.0037+0.0031	0.0000+0.0030	0.0078+0.0039	0.0965+0.0100
087	860607	0.1464+0.0138	0.0418+0.0055	0.0086+0.0033	0.0000+0.0028	0.0128+0.0038	0.3051+0.0237
087	860613	0.1016+0.0109	0.0216+0.0043	0.0089+0.0031	0.0026+0.0028	0.0179+0.0038	0.2096+0.0170
087	860619	0.1209+0.0123	0.0305+0.0050	0.0063+0.0031	0.0035+0.0029	0.0177+0.0041	0.2320+0.0187
087	860625	0.1372+0.0130	0.0272+0.0045	0.0058+0.0029	0.0153+0.0031	0.0142+0.0036	0.2643+0.0210

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	CA	TI	V	CR	MN	FE
087	860701	0.1261+0.0127	0.0287+0.0049	0.0084+0.0032	0.0012+0.0031	0.0156+0.0040	0.2092+0.0173
087	860707	0.0955+0.0103	0.0200+0.0041	0.0029+0.0026	0.0034+0.0026	0.0160+0.0036	0.2223+0.0180
087	860713	0.0825+0.0097	0.0233+0.0043	0.0048+0.0028	0.0032+0.0026	0.0110+0.0036	0.1398+0.0125
087	860719	0.1551+0.0142	0.0312+0.0046	0.0080+0.0029	0.0017+0.0026	0.0208+0.0038	0.2147+0.0174
087	860725	0.0575+0.0081	0.0165+0.0039	0.0044+0.0027	0.0008+0.0026	0.0112+0.0035	0.1343+0.0120
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	0.1369+0.0126	0.0261+0.0040	0.0129+0.0028	0.0041+0.0023	0.0157+0.0031	0.1899+0.0152
087	860812	0.1423+0.0129	0.0466+0.0053	0.0125+0.0028	0.0071+0.0023	0.0212+0.0033	0.2387+0.0184
087	860818	0.1476+0.0136	0.0292+0.0045	0.0079+0.0028	0.0037+0.0025	0.0191+0.0038	0.3264+0.0245
087	860824	0.1018+0.0110	0.0140+0.0039	0.0080+0.0028	0.0000+0.0027	0.0062+0.0034	0.1221+0.0112
087	860830	0.1217+0.0119	0.0193+0.0039	0.0122+0.0030	0.0019+0.0025	0.0051+0.0032	0.1380+0.0120
087	860905	0.0890+0.0102	0.0225+0.0043	0.0101+0.0030	0.0000+0.0025	0.0197+0.0038	0.2207+0.0175
087	860911	0.0744+0.0093	0.0161+0.0039	0.0122+0.0030	0.0000+0.0025	0.0101+0.0035	0.1255+0.0114
087	860917	0.1118+0.0118	0.0225+0.0044	0.0050+0.0030	0.0000+0.0027	0.0138+0.0038	0.2615+0.0204
087	860923	0.0547+0.0081	0.0106+0.0036	0.0049+0.0027	0.0015+0.0025	0.0180+0.0036	0.2006+0.0161
087	860929	0.0908+0.0103	0.0393+0.0051	0.0088+0.0030	0.0068+0.0027	0.0238+0.0040	0.2304+0.0182
087	861005	0.0454+0.0073	0.0061+0.0032	0.0048+0.0025	0.0010+0.0023	0.0073+0.0031	0.1200+0.0108
087	861011	0.0387+0.0072	0.0127+0.0038	0.0061+0.0027	0.0007+0.0025	0.0082+0.0033	0.0710+0.0079
087	861017	0.0735+0.0088	0.0170+0.0036	0.0085+0.0025	0.0053+0.0024	0.0122+0.0031	0.1643+0.0135
087	861023	0.1148+0.0115	0.0255+0.0042	0.0109+0.0028	0.0057+0.0025	0.0160+0.0035	0.2081+0.0165
087	861029	0.1104+0.0114	0.0333+0.0047	0.0157+0.0032	0.0052+0.0027	0.0222+0.0039	0.2933+0.0223
087	861104	0.2510+0.0203	0.0502+0.0056	0.0128+0.0031	0.0032+0.0025	0.0320+0.0042	0.3187+0.0240
087	861110	0.1522+0.0136	0.0240+0.0040	0.0069+0.0025	0.0072+0.0024	0.0304+0.0039	0.3198+0.0239
087	861116	0.0444+0.0073	0.0138+0.0035	0.0094+0.0026	0.0022+0.0023	0.0170+0.0034	0.1169+0.0105
087	861122	0.0451+0.0070	0.0212+0.0038	0.0030+0.0023	0.0144+0.0027	0.0200+0.0033	0.1937+0.0154
087	861128	0.0541+0.0080	0.0173+0.0039	0.0065+0.0026	0.0045+0.0025	0.0148+0.0034	0.1468+0.0125
087	861204	0.2370+0.0193	0.0578+0.0061	0.0139+0.0030	0.0101+0.0027	0.0524+0.0052	0.5424+0.0391
087	861210	0.1164+0.0115	0.0276+0.0043	0.0073+0.0027	0.0060+0.0025	0.0313+0.0041	0.2432+0.0187
087	861216	0.0944+0.0103	0.0317+0.0045	0.0048+0.0027	0.0024+0.0024	0.0260+0.0039	0.2476+0.0192
087	861222	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	861228	0.0637+0.0088	0.0210+0.0042	0.0037+0.0027	0.0025+0.0027	0.0258+0.0041	0.2134+0.0171

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	NI	CU	ZN	GA	AS	SE
087	860102	0.0032+0.0023	0.0299+0.0039	0.0568+0.0056	0.0014+0.0020	0.0000+0.0120	0.0000+0.0026
087	860108	0.0017+0.0021	0.0108+0.0028	0.1292+0.0110	0.0014+0.0021	0.0000+0.0157	0.0000+0.0024
087	860114	0.0023+0.0023	0.0456+0.0051	0.0965+0.0085	0.0000+0.0020	0.0018+0.0107	0.0000+0.0026
087	860120	0.0035+0.0023	0.0697+0.0067	0.0971+0.0086	0.0000+0.0018	0.0000+0.0113	0.0000+0.0025
087	860126	0.0012+0.0023	0.0972+0.0087	0.0925+0.0083	0.0000+0.0020	0.0000+0.0127	0.0000+0.0026
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.0041+0.0023	0.0607+0.0059	0.0678+0.0063	0.0015+0.0018	0.0026+0.0087	0.0000+0.0024
087	860213	0.0017+0.0021	0.0378+0.0044	0.0702+0.0066	0.0003+0.0017	0.0000+0.0084	0.0000+0.0024
087	860219	0.0046+0.0025	0.0627+0.0062	0.2046+0.0169	0.0005+0.0020	0.0034+0.0088	0.0025+0.0028
087	860225	0.0098+0.0029	0.1416+0.0122	0.2188+0.0181	0.0000+0.0023	0.0000+0.0155	0.0000+0.0028
087	860303	0.0032+0.0023	0.0891+0.0081	0.1606+0.0134	0.0000+0.0020	0.0049+0.0101	0.0000+0.0026
087	860309	0.0029+0.0023	0.3920+0.0312	0.2977+0.0240	0.0000+0.0018	0.0047+0.0089	0.0003+0.0024
087	860315	0.0053+0.0025	0.0224+0.0037	0.0374+0.0044	0.0009+0.0020	0.0083+0.0086	0.0000+0.0028
087	860321	0.0021+0.0023	0.0614+0.0060	0.1093+0.0094	0.0018+0.0020	0.0027+0.0104	0.0009+0.0026
087	860327	0.0090+0.0025	0.0296+0.0039	0.1639+0.0136	0.0000+0.0020	0.0000+0.0154	0.0000+0.0024
087	860402	0.0020+0.0023	0.0236+0.0034	0.1770+0.0135	0.0000+0.0020	0.0000+0.0085	0.0015+0.0024
087	860408	0.0023+0.0023	0.1278+0.0102	0.2256+0.0170	0.0000+0.0020	0.0000+0.0117	0.0000+0.0024
087	860414	0.0058+0.0026	0.0265+0.0038	0.0820+0.0070	0.0000+0.0021	0.0000+0.0117	0.0003+0.0028
087	860420	0.0003+0.0025	0.0364+0.0043	0.0470+0.0047	0.0000+0.0020	0.0000+0.0119	0.0008+0.0026
087	860426	0.0066+0.0023	0.0103+0.0027	0.0403+0.0041	0.0000+0.0019	0.0000+0.0108	0.0015+0.0025
087	860502	0.0102+0.0026	0.1113+0.0091	0.1314+0.0104	0.0000+0.0020	0.0030+0.0127	0.0026+0.0026
087	860508	0.0035+0.0025	0.0237+0.0036	0.0824+0.0070	0.0000+0.0018	0.0000+0.0104	0.0020+0.0026
087	860514	0.0056+0.0025	0.2103+0.0159	0.2187+0.0165	0.0002+0.0020	0.0000+0.0095	0.0023+0.0024
087	860520	0.0071+0.0025	0.0646+0.0059	0.1212+0.0095	0.0015+0.0020	0.0000+0.0099	0.0022+0.0025
087	860526	0.0014+0.0023	0.0468+0.0047	0.0503+0.0047	0.0000+0.0018	0.0000+0.0087	0.0073+0.0026
087	860601	0.0098+0.0028	0.0516+0.0052	0.0538+0.0051	0.0000+0.0020	0.0000+0.0094	0.0000+0.0028
087	860607	0.0052+0.0025	0.0173+0.0032	0.0336+0.0036	0.0000+0.0018	0.0000+0.0102	0.0023+0.0026
087	860613	0.0109+0.0027	0.0621+0.0058	0.0704+0.0062	0.0000+0.0018	0.0000+0.0100	0.0006+0.0025
087	860619	0.0190+0.0032	1.6481+0.1168	1.4391+0.1023	0.0000+0.0031	0.0000+0.0142	0.0039+0.0028
087	860625	0.0203+0.0031	0.1006+0.0083	0.1382+0.0108	0.0000+0.0018	0.0000+0.0095	0.0024+0.0024



FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	NI	CU	ZN	GA	AS	SE
087	860701	0.0096+0.0028	0.1241+0.0100	0.1517+0.0118	0.0000+0.0021	0.0000+0.0122	0.0040+0.0028
087	860707	0.0043+0.0023	0.0497+0.0048	0.0523+0.0049	0.0000+0.0017	0.0000+0.0085	0.0000+0.0023
087	860713	0.0077+0.0025	0.0363+0.0041	0.0394+0.0041	0.0009+0.0017	0.0000+0.0092	0.0000+0.0025
087	860719	0.0057+0.0023	0.0216+0.0031	0.0860+0.0072	0.0020+0.0018	0.0000+0.0124	0.0059+0.0026
087	860725	0.0048+0.0023	0.0696+0.0061	0.1126+0.0090	0.0027+0.0017	0.0039+0.0077	0.0027+0.0024
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	0.0164+0.0026	0.0566+0.0051	0.1026+0.0080	0.0022+0.0016	0.0000+0.0084	0.0036+0.0020
087	860812	0.0131+0.0024	0.1337+0.0102	0.2972+0.0212	0.0023+0.0019	0.0000+0.0112	0.0006+0.0020
087	860818	0.0336+0.0038	0.2296+0.0167	0.1966+0.0145	0.0023+0.0019	0.0047+0.0107	0.0000+0.0023
087	860824	0.0196+0.0031	0.0189+0.0032	0.0388+0.0040	0.0004+0.0018	0.0000+0.0092	0.0028+0.0025
087	860830	0.0138+0.0027	0.0110+0.0027	0.0346+0.0036	0.0007+0.0018	0.0032+0.0098	0.0062+0.0024
087	860905	0.0157+0.0028	0.0850+0.0070	0.2253+0.0165	0.0000+0.0019	0.0000+0.0132	0.0030+0.0025
087	860911	0.0092+0.0026	0.0217+0.0033	0.1938+0.0144	0.0049+0.0019	0.0000+0.0100	0.0064+0.0025
087	860917	0.0070+0.0025	0.0540+0.0053	0.0953+0.0077	0.0033+0.0021	0.0089+0.0114	0.0013+0.0027
087	860923	0.0066+0.0024	0.0140+0.0029	0.0361+0.0037	0.0012+0.0018	0.0000+0.0085	0.0037+0.0024
087	860929	0.0043+0.0024	0.0688+0.0060	0.1039+0.0082	0.0001+0.0019	0.0000+0.0146	0.0018+0.0025
087	861005	0.0042+0.0022	0.0153+0.0027	0.0288+0.0032	0.0009+0.0016	0.0000+0.0085	0.0004+0.0022
087	861011	0.0061+0.0024	0.0311+0.0037	0.0397+0.0040	0.0031+0.0016	0.0068+0.0070	0.0033+0.0024
087	861017	0.0079+0.0022	0.0336+0.0037	0.0858+0.0069	0.0000+0.0016	0.0000+0.0092	0.0029+0.0022
087	861023	0.0113+0.0024	0.1972+0.0146	0.1863+0.0139	0.0021+0.0019	0.0000+0.0113	0.0010+0.0022
087	861029	0.0120+0.0026	0.0514+0.0049	0.1067+0.0084	0.0013+0.0019	0.0000+0.0145	0.0043+0.0024
087	861104	0.0126+0.0026	0.0397+0.0041	0.1451+0.0109	0.0000+0.0019	0.0000+0.0157	0.0025+0.0023
087	861110	0.0051+0.0021	0.0972+0.0078	0.1323+0.0100	0.0015+0.0019	0.0000+0.0137	0.0010+0.0022
087	861116	0.0057+0.0022	0.0180+0.0029	0.0427+0.0040	0.0017+0.0017	0.0000+0.0112	0.0041+0.0023
087	861122	0.0091+0.0022	0.0283+0.0033	0.0325+0.0034	0.0000+0.0013	0.0000+0.0071	0.0022+0.0020
087	861128	0.0097+0.0025	0.0620+0.0055	0.0665+0.0057	0.0009+0.0017	0.0000+0.0106	0.0020+0.0023
087	861204	0.0082+0.0022	0.0989+0.0079	0.2133+0.0156	0.0035+0.0025	0.0106+0.0248	0.0082+0.0024
087	861210	0.0029+0.0021	0.0526+0.0049	0.1101+0.0086	0.0004+0.0019	0.0004+0.0137	0.0012+0.0022
087	861216	0.0090+0.0024	0.1435+0.0110	0.1799+0.0134	0.0000+0.0018	0.0078+0.0112	0.0021+0.0022
087	861222	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	861228	0.0000+0.0022	0.0167+0.0031	0.0752+0.0063	0.0000+0.0021	0.0000+0.0134	0.0019+0.0024

FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	BR	RB	SR	Y	ZR	MO
087	860102	0.0448+0.0052	0.0038+0.0046	0.0115+0.0056	0.0051+0.0066	0.0000+0.0267	0.0107+0.0189
087	860108	0.0652+0.0063	0.0000+0.0044	0.0110+0.0052	0.0012+0.0062	0.0000+0.0251	0.0352+0.0182
087	860114	0.0301+0.0045	0.0028+0.0046	0.0055+0.0055	0.0049+0.0068	0.0000+0.0279	0.0314+0.0196
087	860120	0.0375+0.0047	0.0020+0.0045	0.0046+0.0054	0.0000+0.0063	0.0000+0.0262	0.0131+0.0185
087	860126	0.0324+0.0046	0.0015+0.0046	0.0113+0.0058	0.0000+0.0068	0.0000+0.0277	0.0085+0.0195
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.0218+0.0039	0.0064+0.0043	0.0000+0.0052	0.0032+0.0063	0.0105+0.0255	0.0000+0.0179
087	860213	0.0248+0.0039	0.0019+0.0041	0.0035+0.0049	0.0087+0.0060	0.0000+0.0242	0.0289+0.0173
087	860219	0.0177+0.0038	0.0000+0.0045	0.0022+0.0056	0.0071+0.0066	0.0000+0.0271	0.0327+0.0195
087	860225	0.0421+0.0053	0.0030+0.0048	0.0062+0.0059	0.0000+0.0070	0.0000+0.0288	0.0202+0.0204
087	860303	0.0298+0.0044	0.0026+0.0045	0.0041+0.0054	0.0074+0.0066	0.0000+0.0265	0.0000+0.0187
087	860309	0.0179+0.0037	0.0017+0.0043	0.0070+0.0052	0.0000+0.0061	0.0000+0.0254	0.0047+0.0179
087	860315	0.0218+0.0043	0.0000+0.0048	0.0003+0.0058	0.0000+0.0069	0.0000+0.0285	0.0000+0.0198
087	860321	0.0259+0.0041	0.0011+0.0042	0.0000+0.0051	0.0000+0.0062	0.0118+0.0256	0.0133+0.0180
087	860327	0.0523+0.0055	0.0000+0.0043	0.0000+0.0050	0.0029+0.0061	0.0463+0.0254	0.0059+0.0175
087	860402	0.0079+0.0035	0.0000+0.0043	0.0021+0.0052	0.0000+0.0062	0.0381+0.0262	0.0185+0.0181
087	860408	0.0328+0.0043	0.0000+0.0044	0.0046+0.0052	0.0000+0.0062	0.0144+0.0258	0.0164+0.0179
087	860414	0.0311+0.0046	0.0000+0.0049	0.0035+0.0058	0.0000+0.0071	0.0140+0.0287	0.0156+0.0199
087	860420	0.0253+0.0042	0.0000+0.0048	0.0000+0.0056	0.0000+0.0068	0.0175+0.0282	0.0071+0.0195
087	860426	0.0348+0.0044	0.0000+0.0042	0.0017+0.0049	0.0000+0.0060	0.0386+0.0251	0.0070+0.0171
087	860502	0.0369+0.0047	0.0000+0.0046	0.0020+0.0053	0.0005+0.0066	0.0152+0.0267	0.0232+0.0186
087	860508	0.0162+0.0039	0.0000+0.0046	0.0038+0.0055	0.0000+0.0067	0.0000+0.0274	0.0269+0.0193
087	860514	0.0242+0.0039	0.0000+0.0043	0.0030+0.0050	0.0000+0.0061	0.0000+0.0253	0.0172+0.0177
087	860520	0.0230+0.0039	0.0000+0.0042	0.0037+0.0051	0.0000+0.0060	0.0225+0.0252	0.0103+0.0174
087	860526	0.0143+0.0036	0.0000+0.0043	0.0027+0.0052	0.0000+0.0063	0.0000+0.0256	0.0105+0.0177
087	860601	0.0157+0.0041	0.0017+0.0050	0.0025+0.0059	0.0031+0.0072	0.0000+0.0291	0.0086+0.0203
087	860607	0.0228+0.0040	0.0000+0.0046	0.0018+0.0056	0.0000+0.0066	0.0000+0.0273	0.0154+0.0190
087	860613	0.0282+0.0042	0.0000+0.0045	0.0014+0.0054	0.0000+0.0065	0.0000+0.0264	0.0000+0.0183
087	860619	0.0284+0.0044	0.0000+0.0048	0.0000+0.0055	0.0023+0.0069	0.0000+0.0277	0.0023+0.0193
087	860625	0.0224+0.0038	0.0000+0.0041	0.0038+0.0050	0.0026+0.0061	0.0000+0.0249	0.0142+0.0174

FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	BR	RB	SR	Y	ZR	MO
087	860701	0.0305+0.0045	0.0000+0.0047	0.0017+0.0058	0.0006+0.0070	0.0000+0.0282	0.0157+0.0198
087	860707	0.0116+0.0034	0.0000+0.0041	0.0012+0.0049	0.0000+0.0059	0.0053+0.0242	0.0073+0.0168
087	860713	0.0201+0.0038	0.0000+0.0043	0.0057+0.0052	0.0031+0.0063	0.0000+0.0261	0.0291+0.0182
087	860719	0.0385+0.0045	0.0006+0.0041	0.0100+0.0050	0.0008+0.0060	0.0000+0.0247	0.0100+0.0171
087	860725	0.0111+0.0034	0.0000+0.0041	0.0071+0.0050	0.0041+0.0061	0.0000+0.0251	0.0195+0.0174
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	0.0195+0.0033	0.0075+0.0036	0.0083+0.0044	0.0038+0.0052	0.0000+0.0216	0.0273+0.0150
087	860812	0.0263+0.0036	0.0028+0.0035	0.0077+0.0042	0.0013+0.0051	0.0000+0.0216	0.0112+0.0145
087	860818	0.0294+0.0040	0.0060+0.0041	0.0045+0.0050	0.0051+0.0061	0.0000+0.0247	0.0000+0.0177
087	860824	0.0248+0.0040	0.0052+0.0044	0.0049+0.0053	0.0000+0.0065	0.0321+0.0260	0.0000+0.0186
087	860830	0.0242+0.0038	0.0053+0.0041	0.0059+0.0048	0.0038+0.0060	0.0000+0.0237	0.0199+0.0169
087	860905	0.0373+0.0045	0.0015+0.0041	0.0064+0.0052	0.0000+0.0062	0.0296+0.0251	0.0138+0.0175
087	860911	0.0222+0.0039	0.0065+0.0042	0.0012+0.0051	0.0098+0.0063	0.0397+0.0252	0.0150+0.0176
087	860917	0.0317+0.0046	0.0021+0.0046	0.0079+0.0056	0.0064+0.0068	0.0473+0.0277	0.0277+0.0193
087	860923	0.0313+0.0041	0.0035+0.0041	0.0093+0.0050	0.0071+0.0062	0.0000+0.0252	0.0087+0.0172
087	860929	0.0478+0.0051	0.0033+0.0043	0.0159+0.0054	0.0000+0.0064	0.0438+0.0257	0.0323+0.0181
087	861005	0.0136+0.0034	0.0007+0.0039	0.0001+0.0047	0.0000+0.0058	0.0343+0.0234	0.0072+0.0164
087	861011	0.0084+0.0034	0.0019+0.0042	0.0105+0.0051	0.0000+0.0061	0.0468+0.0249	0.0194+0.0174
087	861017	0.0333+0.0040	0.0028+0.0037	0.0084+0.0046	0.0000+0.0054	0.0000+0.0220	0.0029+0.0151
087	861023	0.0362+0.0043	0.0057+0.0040	0.0029+0.0047	0.0053+0.0057	0.0000+0.0236	0.0316+0.0166
087	861029	0.0609+0.0057	0.0000+0.0042	0.0024+0.0050	0.0000+0.0061	0.0385+0.0245	0.0000+0.0170
087	861104	0.0505+0.0050	0.0010+0.0041	0.0097+0.0050	0.0067+0.0060	0.0000+0.0241	0.0004+0.0166
087	861110	0.0399+0.0044	0.0050+0.0038	0.0067+0.0045	0.0000+0.0056	0.0174+0.0219	0.0161+0.0154
087	861116	0.0418+0.0045	0.0015+0.0039	0.0009+0.0046	0.0000+0.0057	0.0000+0.0231	0.0196+0.0161
087	861122	0.0100+0.0029	0.0032+0.0035	0.0073+0.0044	0.0000+0.0051	0.0181+0.0208	0.0147+0.0147
087	861128	0.0303+0.0040	0.0007+0.0041	0.0004+0.0049	0.0004+0.0060	0.0051+0.0238	0.0009+0.0167
087	861204	0.0986+0.0078	0.0067+0.0041	0.0092+0.0047	0.0000+0.0057	0.0000+0.0226	0.0186+0.0159
087	861210	0.0705+0.0061	0.0000+0.0039	0.0044+0.0045	0.0042+0.0057	0.0259+0.0225	0.0003+0.0156
087	861216	0.0607+0.0056	0.0000+0.0040	0.0038+0.0047	0.0010+0.0057	0.0392+0.0233	0.0000+0.0162
087	861222	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	861228	0.0569+0.0055	0.0000+0.0043	0.0152+0.0054	0.0006+0.0064	0.0161+0.0255	0.0228+0.0178

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	PD	AG	CD	IN	SN	SB
087	860102	0.0067+0.0169	0.0086+0.0227	0.0314+0.0301	0.0225+0.0376	0.0133+0.0451	0.0000+0.0997
087	860108	0.0000+0.0157	0.0000+0.0213	0.0456+0.0291	0.0355+0.0360	0.0093+0.0427	0.0000+0.0942
087	860114	0.0090+0.0173	0.0233+0.0235	0.0000+0.0302	0.0459+0.0389	0.0713+0.0471	0.0006+0.1023
087	860120	0.0049+0.0165	0.0146+0.0224	0.0000+0.0288	0.0404+0.0372	0.0117+0.0442	0.0701+0.0991
087	860126	0.0260+0.0180	0.0000+0.0232	0.0000+0.0308	0.0395+0.0394	0.0000+0.0465	0.0000+0.1034
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.0093+0.0162	0.0165+0.0218	0.0000+0.0282	0.0000+0.0356	0.0000+0.0427	0.0200+0.0955
087	860213	0.0115+0.0155	0.0174+0.0207	0.0057+0.0271	0.0006+0.0340	0.0191+0.0411	0.1397+0.0936
087	860219	0.0179+0.0175	0.0111+0.0231	0.0293+0.0307	0.0503+0.0388	0.0570+0.0467	0.0729+0.1031
087	860225	0.0005+0.0180	0.0039+0.0243	0.0000+0.0319	0.0073+0.0403	0.0000+0.0480	0.0000+0.1070
087	860303	0.0000+0.0166	0.0000+0.0222	0.0063+0.0296	0.0048+0.0373	0.0324+0.0451	0.0057+0.0997
087	860309	0.0058+0.0159	0.0054+0.0214	0.0000+0.0277	0.0162+0.0357	0.0213+0.0429	0.0821+0.0961
087	860315	0.0207+0.0183	0.0034+0.0241	0.0000+0.0313	0.0744+0.0410	0.0645+0.0489	0.0000+0.1050
087	860321	0.0000+0.0157	0.0000+0.0215	0.0260+0.0288	0.0000+0.0353	0.0033+0.0430	0.0568+0.0965
087	860327	0.0131+0.0159	0.0000+0.0210	0.0067+0.0279	0.0366+0.0356	0.0245+0.0424	0.0399+0.0940
087	860402	0.0117+0.0164	0.0000+0.0220	0.0000+0.0284	0.0000+0.0359	0.0884+0.0449	0.0000+0.0969
087	860408	0.0199+0.0166	0.0000+0.0217	0.0000+0.0289	0.0000+0.0357	0.0000+0.0431	0.0000+0.0974
087	860414	0.0213+0.0183	0.0000+0.0242	0.0000+0.0322	0.0000+0.0396	0.0000+0.0480	0.0000+0.1058
087	860420	0.0098+0.0178	0.0000+0.0240	0.0000+0.0319	0.0000+0.0395	0.0000+0.0470	0.0000+0.1055
087	860426	0.0051+0.0156	0.0025+0.0215	0.0000+0.0277	0.0451+0.0356	0.0000+0.0411	0.0000+0.0925
087	860502	0.0107+0.0168	0.0139+0.0232	0.0000+0.0297	0.0313+0.0377	0.0534+0.0454	0.0000+0.0994
087	860508	0.0293+0.0178	0.0000+0.0237	0.0000+0.0306	0.0000+0.0377	0.0376+0.0465	0.0000+0.1036
087	860514	0.0070+0.0159	0.0000+0.0217	0.0000+0.0282	0.0000+0.0355	0.0470+0.0431	0.0000+0.0938
087	860520	0.0191+0.0161	0.0000+0.0210	0.0000+0.0282	0.0000+0.0350	0.0311+0.0424	0.0000+0.0917
087	860526	0.0000+0.0159	0.0000+0.0220	0.0000+0.0287	0.0000+0.0357	0.0529+0.0437	0.0000+0.0950
087	860601	0.0000+0.0182	0.0000+0.0246	0.0000+0.0329	0.0171+0.0413	0.0000+0.0488	0.0000+0.1094
087	860607	0.0148+0.0173	0.0000+0.0231	0.0000+0.0301	0.0000+0.0381	0.0000+0.0456	0.0000+0.1014
087	860613	0.0086+0.0167	0.0029+0.0228	0.0000+0.0299	0.0203+0.0375	0.0000+0.0442	0.0000+0.0976
087	860619	0.0037+0.0174	0.0000+0.0236	0.0000+0.0314	0.0065+0.0393	0.0000+0.0466	0.0000+0.1048
087	860625	0.0000+0.0154	0.0205+0.0219	0.0064+0.0284	0.0000+0.0351	0.0089+0.0420	0.0000+0.0939

FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	PD	AG	CD	IN	SN	SB
087	860701	0.0198+0.0182	0.0000+0.0241	0.0066+0.0323	0.0000+0.0395	0.0000+0.0473	0.0000+0.1069
087	860707	0.0242+0.0158	0.0000+0.0201	0.0000+0.0270	0.0108+0.0342	0.0233+0.0410	0.0000+0.0916
087	860713	0.0012+0.0163	0.0256+0.0221	0.0000+0.0285	0.0117+0.0360	0.0871+0.0438	0.0167+0.0934
087	860719	0.0078+0.0157	0.0201+0.0210	0.0391+0.0281	0.0450+0.0349	0.0356+0.0408	0.1424+0.0915
087	860725	0.0000+0.0156	0.0357+0.0216	0.0232+0.0280	0.0316+0.0350	0.0000+0.0421	0.0948+0.0917
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	0.0138+0.0138	0.0224+0.0182	0.0218+0.0241	0.0190+0.0298	0.0276+0.0357	0.0000+0.0830
087	860812	0.0000+0.0131	0.0055+0.0174	0.0055+0.0234	0.0321+0.0295	0.0652+0.0358	0.0716+0.0779
087	860818	0.0209+0.0163	0.0123+0.0209	0.0000+0.0275	0.0000+0.0344	0.0536+0.0420	0.1102+0.0931
087	860824	0.0000+0.0165	0.0062+0.0220	0.0000+0.0292	0.0396+0.0371	0.0341+0.0442	0.2055+0.1005
087	860830	0.0083+0.0155	0.0157+0.0204	0.0215+0.0273	0.0000+0.0334	0.0057+0.0403	0.1290+0.0910
087	860905	0.0155+0.0164	0.0244+0.0215	0.0000+0.0281	0.0000+0.0351	0.0570+0.0429	0.0968+0.0944
087	860911	0.0049+0.0162	0.0074+0.0213	0.0000+0.0280	0.0228+0.0354	0.0741+0.0433	0.0929+0.0946
087	860917	0.0099+0.0178	0.0000+0.0228	0.0102+0.0311	0.0000+0.0384	0.0000+0.0461	0.0834+0.1031
087	860923	0.0103+0.0160	0.0059+0.0208	0.0074+0.0278	0.0327+0.0349	0.0609+0.0420	0.0812+0.0924
087	860929	0.0004+0.0164	0.0073+0.0216	0.0348+0.0294	0.0546+0.0367	0.0365+0.0435	0.1227+0.0969
087	861005	0.0000+0.0145	0.0000+0.0193	0.0000+0.0263	0.0304+0.0333	0.0358+0.0397	0.0000+0.0866
087	861011	0.0068+0.0160	0.0187+0.0211	0.0000+0.0274	0.0000+0.0345	0.0382+0.0418	0.0491+0.0919
087	861017	0.0245+0.0146	0.0323+0.0190	0.0007+0.0245	0.0000+0.0305	0.0000+0.0377	0.1330+0.0834
087	861023	0.0019+0.0149	0.0043+0.0196	0.0150+0.0264	0.0210+0.0328	0.0648+0.0400	0.1400+0.0887
087	861029	0.0082+0.0159	0.0344+0.0213	0.0080+0.0277	0.0004+0.0344	0.0239+0.0414	0.0000+0.0952
087	861104	0.0000+0.0153	0.0075+0.0202	0.0000+0.0264	0.0264+0.0339	0.0521+0.0408	0.0321+0.0890
087	861110	0.0140+0.0145	0.0172+0.0189	0.0000+0.0246	0.0134+0.0310	0.0501+0.0376	0.1503+0.0843
087	861116	0.0000+0.0145	0.0261+0.0198	0.0105+0.0258	0.0366+0.0326	0.0218+0.0386	0.0437+0.0854
087	861122	0.0036+0.0135	0.0065+0.0177	0.0270+0.0240	0.0012+0.0292	0.0000+0.0364	0.0942+0.0791
087	861128	0.0000+0.0152	0.0028+0.0203	0.0000+0.0267	0.0116+0.0340	0.0247+0.0407	0.1855+0.0932
087	861204	0.0207+0.0150	0.0031+0.0189	0.0000+0.0251	0.0059+0.0315	0.0260+0.0380	0.1527+0.0863
087	861210	0.0034+0.0145	0.0134+0.0192	0.0096+0.0256	0.0042+0.0317	0.0000+0.0390	0.0000+0.0835
087	861216	0.0000+0.0145	0.0029+0.0195	0.0167+0.0263	0.0000+0.0322	0.0585+0.0398	0.0847+0.0873
087	861222	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	861228	0.0000+0.0160	0.0000+0.0216	0.0000+0.0287	0.0000+0.0358	0.0000+0.0433	0.0000+0.0970

FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	BA	LA	HG	PB
087	860102	0.1997+0.1844	0.2873+0.3368	0.0000+0.0029	0.1618+0.0181
087	860108	0.1266+0.1741	0.1930+0.3185	0.0038+0.0031	0.2427+0.0228
087	860114	0.3540+0.1915	0.3420+0.3460	0.0000+0.0029	0.1298+0.0165
087	860120	0.2272+0.1815	0.3203+0.3311	0.0000+0.0029	0.1463+0.0170
087	860126	0.0756+0.1903	0.0000+0.3460	0.0017+0.0033	0.1754+0.0192
087	860201	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860207	0.0000+0.1737	0.4255+0.3237	0.0000+0.0027	0.0871+0.0137
087	860213	0.0911+0.1667	0.0000+0.3029	0.0036+0.0029	0.0840+0.0132
087	860219	0.0162+0.1862	0.2820+0.3436	0.0039+0.0032	0.0768+0.0140
087	860225	0.2996+0.2000	0.1427+0.3610	0.0000+0.0033	0.2306+0.0231
087	860303	0.1810+0.1838	0.1425+0.3345	0.0023+0.0031	0.1170+0.0156
087	860309	0.3197+0.1776	0.0000+0.3162	0.0000+0.0028	0.0923+0.0140
087	860315	0.0134+0.1948	0.0000+0.3557	0.0008+0.0033	0.0623+0.0139
087	860321	0.0000+0.1736	0.2290+0.3222	0.0042+0.0030	0.1309+0.0159
087	860327	0.2060+0.1730	0.2078+0.3147	0.0023+0.0029	0.2383+0.0225
087	860402	0.1428+0.1755	0.4289+0.3205	0.0000+0.0029	0.0804+0.0132
087	860408	0.0000+0.1731	0.2952+0.3171	0.0000+0.0030	0.1583+0.0167
087	860414	0.0000+0.1924	0.0000+0.3483	0.0032+0.0035	0.1493+0.0172
087	860420	0.2796+0.1922	0.0000+0.3506	0.0017+0.0034	0.1569+0.0173
087	860426	0.0575+0.1669	0.3216+0.3052	0.0000+0.0029	0.1444+0.0158
087	860502	0.2981+0.1818	0.6540+0.3318	0.0000+0.0030	0.1764+0.0180
087	860508	0.1507+0.1857	0.3391+0.3377	0.0000+0.0032	0.1232+0.0155
087	860514	0.1840+0.1718	0.0000+0.3167	0.0006+0.0030	0.1092+0.0142
087	860520	0.0905+0.1685	0.1626+0.3058	0.0000+0.0029	0.1202+0.0145
087	860526	0.0322+0.1719	0.2699+0.3141	0.0000+0.0030	0.0889+0.0134
087	860601	0.0000+0.1959	0.0985+0.3568	0.0000+0.0034	0.0888+0.0147
087	860607	0.0686+0.1838	0.4595+0.3376	0.0000+0.0031	0.1184+0.0152
087	860613	0.0692+0.1781	0.3476+0.3255	0.0000+0.0031	0.1192+0.0149
087	860619	0.1945+0.1894	0.0210+0.3404	0.0000+0.0032	0.2078+0.0201
087	860625	0.1330+0.1687	0.4878+0.3097	0.0011+0.0029	0.1098+0.0141

FINE PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	BA	LA	HG	PB
087	860701	0.0000+0.1908	0.6898+0.3549	0.0011+0.0034	0.1639+0.0179
087	860707	0.1145+0.1637	0.2763+0.2980	0.0000+0.0027	0.0935+0.0131
087	860713	0.1883+0.1740	0.1970+0.3161	0.0034+0.0031	0.1021+0.0140
087	860719	0.2196+0.1665	0.2571+0.3024	0.0020+0.0029	0.1762+0.0175
087	860725	0.2418+0.1689	0.2513+0.3062	0.0023+0.0029	0.0619+0.0122
087	860731	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	860806	0.2488+0.1485	0.1224+0.2614	0.0000+0.0025	0.1039+0.0126
087	860812	0.2451+0.1458	0.0000+0.2620	0.0003+0.0025	0.1680+0.0157
087	860818	0.2074+0.1720	0.4645+0.3095	0.0004+0.0029	0.1435+0.0157
087	860824	0.0854+0.1807	0.5858+0.3291	0.0024+0.0031	0.0997+0.0142
087	860830	0.2497+0.1681	0.0000+0.3032	0.0000+0.0028	0.1258+0.0146
087	860905	0.2205+0.1751	0.3857+0.3134	0.0025+0.0031	0.1979+0.0186
087	860911	0.1984+0.1753	0.3879+0.3145	0.0006+0.0030	0.1241+0.0149
087	860917	0.1819+0.1914	0.6603+0.3474	0.0019+0.0033	0.1482+0.0168
087	860923	0.0000+0.1747	0.2615+0.3062	0.0037+0.0031	0.0915+0.0134
087	860929	0.2422+0.1793	0.4835+0.3217	0.0024+0.0031	0.2252+0.0204
087	861005	0.0947+0.1624	0.0000+0.2962	0.0032+0.0029	0.0963+0.0131
087	861011	0.0866+0.1708	0.0000+0.3108	0.0033+0.0030	0.0375+0.0117
087	861017	0.0000+0.1561	0.1754+0.2709	0.0000+0.0025	0.1232+0.0137
087	861023	0.0000+0.1644	0.5336+0.2937	0.0003+0.0028	0.1631+0.0162
087	861029	0.2004+0.1713	0.2311+0.3051	0.0000+0.0030	0.2287+0.0203
087	861104	0.2567+0.1679	0.4961+0.3014	0.0015+0.0029	0.2532+0.0216
087	861110	0.0390+0.1519	0.0000+0.2713	0.0051+0.0028	0.2177+0.0190
087	861116	0.0000+0.1616	0.2538+0.2852	0.0000+0.0026	0.1616+0.0161
087	861122	0.1934+0.1463	0.3150+0.2614	0.0015+0.0025	0.0727+0.0113
087	861128	0.0000+0.1699	0.3072+0.3007	0.0017+0.0029	0.1429+0.0154
087	861204	0.0000+0.1591	0.0312+0.2780	0.0022+0.0028	0.4324+0.0326
087	861210	0.0000+0.1552	0.3578+0.2828	0.0000+0.0026	0.2162+0.0190
087	861216	0.2889+0.1635	0.0783+0.2870	0.0007+0.0028	0.1597+0.0161
087	861222	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
087	861228	0.2533+0.1791	0.1199+0.3144	0.0034+0.0033	0.2027+0.0191

## Part K

Fine Particle Concentrations Measured at  
Burbank during 1986

This section contains data on fine particle mass concentration and chemical composition measured during the year 1986 at Burbank. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following fine ( $d_p < 2.2 \mu\text{m AD}$ ) aerosol species: fine mass, organic carbon (OC), elemental carbon (EC), total carbon ( $\text{TC} = \text{OC} + \text{EC}$ ),  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ ,  $\text{Mg}^{++}$ , Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.990 \pm -9.990$  and by  $-9.999 \pm -9.999$ .

Values preceded by the symbol  $<$  are determined to be below their detection limit. In that case, the nominal measured concentration is reported, but the error bound is set equal to the instrumental detection limit for that sample. Therefore, the reported error is greater than the measured concentration. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol  $<$  has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by  $\text{Cl}^-$ , while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  concentrations were obtained by two methods. In one method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a nylon filter downstream of a Teflon-coated cyclone ( $d_p < 2.2 \mu\text{m AD}$ ) and a MgO-coated diffusion denuder designed to quantitatively remove acid gases from the air stream. Nitrate ion and  $\text{Cl}^-$  samples collected by this method are labeled



with the symbol CD [i.e.  $\text{Cl}^-(\text{CD})$  and  $\text{NO}_3^-(\text{CD})$ ]. In the second method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a polytetrafluoroethylene (PTFE) filter located downstream of the Teflon-coated cyclone alone. Nitrate ion and  $\text{Cl}^-$  collected by this method are specified as  $\text{NO}_3^-$  and  $\text{Cl}^-$ , only. Samples for  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ , and  $\text{Mg}^{++}$  determination also were collected on the PTFE filter downstream of the cyclone separator. Water soluble fine  $\text{Br}^-$  aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
069	860102	132.971+- 4.445	17.00+- 1.18	2.91+- 0.47	19.91+- 0.60	49.400+- 2.105	43.000+- 2.527
069	860108	30.827+- 4.164	14.43+- 1.05	7.17+- 0.68	21.60+- 0.65	2.556+- .142	1.591+- 0.093
069	860114	36.824+- 4.233	9.99+- 0.83	3.90+- 0.52	13.89+- 0.42	6.229+- .274	5.172+- 0.302
069	860120	73.661+- 4.299	15.14+- 1.09	3.37+- 0.50	18.51+- 0.56	25.127+- 1.073	18.584+- 1.083
069	860126	18.732+- 4.262	< 0.00+- 0.60	2.86+- 0.47	< 2.86+- 0.09	2.321+- .113	1.077+- 0.063
069	860201	26.808+- 4.258	8.93+- 0.78	2.66+- 0.47	11.58+- 0.35	4.658+- .208	2.499+- 0.146
069	860207	20.164+- 4.238	7.03+- 0.68	3.16+- 0.49	10.20+- 0.31	3.139+- .146	2.778+- 0.162
069	860213	24.705+- 4.240	4.05+- 0.53	1.80+- 0.42	5.85+- 0.18	5.689+- .251	5.022+- 0.293
069	860219	18.347+- 4.237	4.92+- 0.58	2.12+- 0.44	7.04+- 0.21	1.545+- .084	1.109+- 0.065
069	860225	39.450+- 4.252	14.99+- 1.08	5.73+- 0.62	20.72+- 0.62	8.579+- .372	4.391+- 0.256
069	860303	67.840+- 4.305	13.90+- 1.03	4.08+- 0.54	17.98+- 0.54	18.740+- .803	10.899+- 0.635
069	860309	18.001+- 4.262	7.04+- 0.68	1.73+- 0.42	8.77+- 0.26	3.458+- .159	2.074+- 0.121
069	860315	16.482+- 4.270	5.59+- 0.61	1.80+- 0.42	7.39+- 0.22	3.161+- .147	1.863+- 0.109
069	860321	18.054+- 4.253	9.99+- 0.83	3.27+- 0.49	13.26+- 0.40	3.406+- .157	0.516+- 0.030
069	860327	76.723+- 4.288	21.62+- 1.41	5.25+- 0.59	26.87+- 0.81	19.861+- .850	8.888+- 0.518
069	860402	5.882+- 4.283	4.19+- 0.54	0.92+- 0.38	5.11+- 0.15	1.918+- .098	0.899+- 0.052
069	860408	9.533+- 4.192	6.95+- 0.68	1.78+- 0.42	8.72+- 0.26	2.688+- .127	0.893+- 0.052
069	860414	19.619+- 4.237	10.19+- 0.84	2.49+- 0.46	12.68+- 0.38	9.955+- .460	4.766+- 0.278
069	860420	27.738+- 3.987	7.23+- 0.71	1.77+- 0.43	9.00+- 0.27	.837+- .147	0.487+- 0.028
069	860426	23.441+- 3.937	8.44+- 0.77	1.73+- 0.43	10.16+- 0.30	5.927+- .300	2.593+- 0.151
069	860502	23.694+- 4.096	10.29+- 0.86	3.06+- 0.50	13.36+- 0.40	5.826+- .299	1.533+- 0.089
069	860508	18.368+- 4.080	8.56+- 0.77	2.40+- 0.46	10.96+- 0.33	7.259+- .353	2.952+- 0.172
069	860514	39.489+- 4.109	7.55+- 0.72	2.17+- 0.45	9.71+- 0.29	8.510+- .403	5.368+- 0.313
069	860520	43.162+- 4.128	9.68+- 0.83	2.21+- 0.46	11.88+- 0.36	13.745+- .616	4.282+- 0.250
069	860526	41.373+- 3.981	9.39+- 0.81	1.42+- 0.42	10.81+- 0.32	9.982+- .461	1.948+- 0.114
069	860601	36.418+- 4.106	7.53+- 0.72	0.94+- 0.39	8.47+- 0.25	6.510+- .324	1.288+- 0.075
069	860607	30.722+- 4.150	9.68+- 0.83	1.53+- 0.42	11.21+- 0.34	6.763+- .335	1.969+- 0.115
069	860613	28.520+- 4.100	13.02+- 1.00	3.11+- 0.50	16.13+- 0.48	7.429+- .359	2.464+- 0.144
069	860619	23.441+- 4.083	12.16+- 0.95	3.06+- 0.50	15.22+- 0.46	6.302+- .316	2.315+- 0.135
069	860625	40.016+- 4.110	13.93+- 1.04	3.00+- 0.50	16.93+- 0.51	13.946+- .624	3.179+- 0.185

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
069	860701	23.516+- 4.036	11.16+- 0.90	4.45+- 0.57	15.61+- 0.47	4.635+- .254	1.659+- 0.097
069	860707	14.962+- 3.877	6.03+- 0.65	2.19+- 0.46	8.22+- 0.25	3.636+- .221	1.174+- 0.068
069	860713	14.643+- 4.017	7.58+- 0.72	1.80+- 0.44	9.38+- 0.28	4.987+- .266	0.902+- 0.053
069	860719	20.166+- 4.021	9.59+- 0.82	2.97+- 0.49	12.56+- 0.38	3.801+- .224	1.644+- 0.096
069	860725	13.559+- 4.002	5.78+- 0.63	2.36+- 0.46	8.14+- 0.24	3.799+- .219	0.967+- 0.056
069	860731	54.682+- 4.033	12.94+- 0.99	6.18+- 0.66	19.12+- 0.57	14.663+- .650	3.176+- 0.185
069	860806	50.156+- 4.076	9.54+- 0.82	4.90+- 0.59	14.43+- 0.43	12.642+- .567	2.566+- 0.150
069	860812	38.740+- 4.013	10.37+- 0.86	3.95+- 0.54	14.32+- 0.43	9.923+- .455	2.187+- 0.128
069	860818	22.660+- 4.052	11.18+- 0.91	4.33+- 0.56	15.51+- 0.47	2.828+- .186	0.827+- 0.048
069	860824	41.826+- 4.017	10.32+- 0.86	3.53+- 0.52	13.86+- 0.42	12.085+- .544	2.588+- 0.151
069	860830	25.650+- 4.033	8.82+- 0.79	2.61+- 0.48	11.43+- 0.34	6.600+- .322	2.323+- 0.135
069	860905	36.724+- 4.063	13.56+- 1.03	5.53+- 0.62	19.09+- 0.57	13.085+- .585	2.084+- 0.121
069	860911	31.715+- 4.029	8.85+- 0.79	2.99+- 0.49	11.84+- 0.36	7.629+- .362	1.723+- 0.100
069	860917	16.537+- 3.976	8.02+- 0.75	3.48+- 0.52	11.50+- 0.35	2.781+- .185	0.990+- 0.058
069	860923	17.017+- 4.049	5.68+- 0.63	2.26+- 0.46	7.94+- 0.24	3.134+- .196	1.169+- 0.068
069	860929	32.697+- 4.045	11.09+- 0.90	4.14+- 0.55	15.23+- 0.46	10.461+- .477	3.784+- 0.221
069	861005	10.461+- 4.030	6.05+- 0.65	1.48+- 0.42	7.52+- 0.23	1.233+- .144	0.577+- 0.034
069	861011	20.339+- 4.021	4.17+- 0.55	1.16+- 0.40	5.34+- 0.16	4.498+- .242	1.260+- 0.073
069	861017	26.503+- 4.085	8.30+- 0.77	3.52+- 0.53	11.81+- 0.35	8.626+- .403	3.301+- 0.192
069	861023	45.259+- 4.124	12.71+- 0.98	4.70+- 0.58	17.41+- 0.52	12.127+- .545	6.443+- 0.376
069	861029	90.281+- 4.104	17.48+- 1.22	5.30+- 0.61	22.78+- 0.68	23.811+- 1.034	14.829+- 0.865
069	861104	50.119+- 4.108	19.15+- 1.30	6.75+- 0.68	25.90+- 0.78	14.352+- .638	7.498+- 0.437
069	861110	13.061+- 4.033	13.51+- 1.02	6.25+- 0.66	19.76+- 0.59	3.499+- .208	0.812+- 0.047
069	861116	32.145+- 4.029	14.34+- 1.07	4.92+- 0.60	19.26+- 0.58	11.585+- .524	7.139+- 0.416
069	861122	< 3.834+- 4.950	3.35+- 0.51	0.95+- 0.39	4.30+- 0.13	.667+- .136	0.267+- 0.016
069	861128	37.001+- 4.034	16.48+- 1.17	6.32+- 0.66	22.79+- 0.68	13.002+- .582	7.633+- 0.445
069	861204	148.594+- 4.347	33.04+- 2.00	16.58+- 1.17	49.62+- 1.49	50.790+- 2.175	47.384+- 2.762
069	861210	61.964+- 4.006	20.22+- 1.35	10.59+- 0.87	30.81+- 0.92	12.951+- .579	10.329+- 0.602
069	861216	61.740+- 4.101	19.76+- 1.34	9.35+- 0.82	29.11+- 0.87	16.180+- .715	13.667+- 0.797
069	861222	51.397+- 4.080	19.02+- 1.30	8.16+- 0.76	27.18+- 0.82	9.494+- .438	6.413+- 0.374
069	861228	25.854+- 4.106	15.88+- 1.15	5.42+- 0.62	21.30+- 0.64	13.889+- .619	8.985+- 0.524

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
069	860102	< .000+- .819	0.672+- 0.148	11.872+- 0.675	18.404+- 0.742	0.184+- 0.079	0.192+- 0.064
069	860108	< .000+- .806	0.188+- 0.070	0.935+- 0.053	0.500+- 0.020	0.325+- 0.097	< 0.037+- 0.050
069	860114	< .089+- .298	0.295+- 0.087	2.443+- 0.139	2.279+- 0.092	0.148+- 0.076	0.059+- 0.020
069	860120	.666+- .155	0.423+- 0.106	9.960+- 0.566	9.793+- 0.395	< 0.098+- 0.120	< 0.025+- 0.050
069	860126	< .144+- .295	< 0.024+- 0.097	0.662+- 0.038	0.357+- 0.014	< 0.004+- 0.121	< 0.025+- 0.051
069	860201	1.044+- .161	0.300+- 0.087	2.141+- 0.122	1.359+- 0.055	0.384+- 0.106	0.140+- 0.047
069	860207	< .243+- .298	0.235+- 0.078	1.306+- 0.074	0.925+- 0.037	< 0.098+- 0.121	< 0.038+- 0.051
069	860213	.381+- .151	0.186+- 0.071	1.362+- 0.077	1.993+- 0.080	0.920+- 0.191	< 0.025+- 0.051
069	860219	.765+- .155	0.422+- 0.107	0.925+- 0.053	0.394+- 0.016	0.252+- 0.088	< 0.045+- 0.051
069	860225	.654+- .152	< 0.033+- 0.096	1.951+- 0.111	1.951+- 0.079	< 0.066+- 0.119	0.062+- 0.021
069	860303	.529+- .154	0.348+- 0.096	10.052+- 0.571	7.116+- 0.287	0.543+- 0.131	0.255+- 0.086
069	860309	.587+- .150	0.131+- 0.064	1.296+- 0.074	0.768+- 0.031	1.190+- 0.237	< 0.050+- 0.051
069	860315	.815+- .159	0.195+- 0.073	0.970+- 0.055	0.820+- 0.033	0.329+- 0.099	< 0.038+- 0.052
069	860321	< .000+- .296	< 0.008+- 0.098	1.129+- 0.064	0.437+- 0.018	< 0.009+- 0.121	0.062+- 0.021
069	860327	< .235+- .294	< 0.075+- 0.098	8.612+- 0.489	6.542+- 0.264	0.186+- 0.080	< 0.050+- 0.051
069	860402	< .189+- .296	< 0.024+- 0.098	1.177+- 0.067	0.683+- 0.028	0.123+- 0.073	< 0.038+- 0.051
069	860408	< .115+- .289	0.234+- 0.077	1.239+- 0.070	0.697+- 0.028	0.285+- 0.091	< 0.025+- 0.050
069	860414	-9.900+- -9.900	0.216+- 0.075	3.275+- 0.186	2.350+- 0.095	0.616+- 0.141	< 0.050+- 0.051
069	860420		< 0.069+- 0.097	0.974+- 0.055	0.406+- 0.016	< 0.085+- 0.121	< 0.037+- 0.051
069	860426		0.145+- 0.066	4.907+- 0.279	2.112+- 0.085	0.670+- 0.150	0.099+- 0.033
069	860502		< 0.039+- 0.098	3.619+- 0.206	1.389+- 0.056	0.528+- 0.128	< 0.047+- 0.051
069	860508		< 0.079+- 0.097	2.299+- 0.131	1.261+- 0.051	0.633+- 0.144	< 0.034+- 0.051
069	860514		0.136+- 0.065	10.420+- 0.592	4.889+- 0.197	0.958+- 0.198	0.070+- 0.023
069	860520		0.233+- 0.077	11.654+- 0.662	4.925+- 0.199	1.009+- 0.206	0.187+- 0.063
069	860526		< 0.008+- 0.097	12.573+- 0.714	5.078+- 0.205	0.609+- 0.140	0.052+- 0.017
069	860601		< 0.000+- 0.097	13.056+- 0.742	5.293+- 0.213	0.283+- 0.092	< 0.051+- 0.051
069	860607		0.140+- 0.065	9.461+- 0.538	3.668+- 0.148	0.688+- 0.153	0.163+- 0.055
069	860613		0.189+- 0.071	6.418+- 0.365	2.499+- 0.101	0.879+- 0.184	0.069+- 0.023
069	860619		< 0.068+- 0.097	4.791+- 0.272	1.932+- 0.078	0.824+- 0.175	0.057+- 0.019
069	860625		0.144+- 0.065	10.953+- 0.622	5.114+- 0.206	0.381+- 0.105	< 0.011+- 0.050

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
069	860701		0.254+- 0.080	4.545+- 0.258	1.438+- 0.058	0.613+- 0.140	0.092+- 0.031
069	860707		< 0.054+- 0.097	2.287+- 0.130	0.997+- 0.040	0.400+- 0.108	< 0.023+- 0.051
069	860713		< 0.013+- 0.096	4.249+- 0.241	1.709+- 0.069	0.361+- 0.102	< 0.050+- 0.050
069	860719		0.109+- 0.061	2.788+- 0.158	1.108+- 0.045	0.682+- 0.152	< 0.046+- 0.051
069	860725		< 0.084+- 0.097	3.951+- 0.225	1.221+- 0.049	0.355+- 0.102	< 0.017+- 0.051
069	860731		0.312+- 0.088	11.665+- 0.663	5.158+- 0.208	0.628+- 0.143	0.102+- 0.034
069	860806		< 0.083+- 0.096	16.847+- 0.957	7.221+- 0.291	0.388+- 0.106	< 0.046+- 0.050
069	860812		0.136+- 0.064	9.500+- 0.540	4.189+- 0.169	0.378+- 0.104	0.057+- 0.019
069	860818		< 0.082+- 0.095	3.551+- 0.202	1.258+- 0.051	0.268+- 0.088	< 0.011+- 0.050
069	860824		< 0.062+- 0.094	10.477+- 0.595	4.290+- 0.173	0.630+- 0.142	0.090+- 0.030
069	860830		0.152+- 0.065	4.372+- 0.248	2.179+- 0.088	0.920+- 0.190	0.272+- 0.092
069	860905		< 0.042+- 0.095	7.454+- 0.424	3.207+- 0.129	0.390+- 0.105	< 0.022+- 0.049
069	860911		< 0.087+- 0.095	7.899+- 0.449	3.209+- 0.129	0.614+- 0.140	0.096+- 0.032
069	860917		< 0.067+- 0.095	1.075+- 0.061	0.461+- 0.019	0.312+- 0.094	< 0.034+- 0.050
069	860923		< 0.059+- 0.097	2.843+- 0.162	1.159+- 0.047	0.328+- 0.098	< 0.046+- 0.051
069	860929		0.122+- 0.062	2.729+- 0.155	2.149+- 0.087	0.294+- 0.092	< 0.011+- 0.050
069	861005		< 0.000+- 0.096	1.093+- 0.062	0.547+- 0.022	< 0.069+- 0.119	< 0.050+- 0.050
069	861011		< 0.016+- 0.096	7.443+- 0.423	2.970+- 0.120	0.183+- 0.078	< 0.050+- 0.050
069	861017		0.130+- 0.063	7.168+- 0.407	3.625+- 0.146	0.256+- 0.088	< 0.050+- 0.050
069	861023		0.108+- 0.060	6.473+- 0.368	4.285+- 0.173	0.129+- 0.072	< 0.022+- 0.049
069	861029		0.366+- 0.096	8.990+- 0.511	7.804+- 0.315	0.395+- 0.106	0.056+- 0.019
069	861104		0.216+- 0.074	4.160+- 0.236	3.477+- 0.140	0.285+- 0.091	< 0.022+- 0.050
069	861110		0.117+- 0.061	0.574+- 0.033	0.362+- 0.015	< 0.041+- 0.118	< 0.050+- 0.050
069	861116		< 0.049+- 0.097	1.796+- 0.102	2.823+- 0.114	< 0.042+- 0.120	< 0.051+- 0.051
069	861122		< 0.029+- 0.096	0.589+- 0.033	0.227+- 0.009	< 0.025+- 0.119	< 0.050+- 0.050
069	861128		0.163+- 0.067	1.355+- 0.077	2.606+- 0.105	0.193+- 0.079	< 0.027+- 0.050
069	861204		0.235+- 0.077	3.435+- 0.195	15.065+- 0.607	0.770+- 0.166	0.110+- 0.037
069	861210		0.213+- 0.074	2.278+- 0.129	3.197+- 0.129	0.189+- 0.079	0.050+- 0.017
069	861216		0.775+- 0.166	3.949+- 0.224	4.936+- 0.199	0.379+- 0.105	0.129+- 0.043
069	861222		0.340+- 0.093	1.822+- 0.104	2.809+- 0.113	0.173+- 0.078	0.056+- 0.019
069	861228		< 0.085+- 0.097	1.128+- 0.064	3.073+- 0.124	< 0.079+- 0.120	< 0.050+- 0.050

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	AL	SI	P	S	CL	K
069	860102	0.1645+0.0271	0.1806+0.0277	0.1156+0.0250	4.5956+0.3861	0.2539+0.0360	0.1791+0.0198
069	860108	0.1635+0.0264	0.4034+0.0591	0.0550+0.0126	0.4080+0.0690	0.1492+0.0272	0.1774+0.0192
069	860114	0.1499+0.0246	0.2702+0.0402	0.0481+0.0114	0.9369+0.0986	0.0892+0.0241	0.1532+0.0175
069	860120	0.1766+0.0282	0.2757+0.0412	0.0931+0.0204	3.9967+0.3381	0.1894+0.0319	0.1357+0.0168
069	860126	0.1711+0.0278	0.4232+0.0623	0.0267+0.0078	0.3031+0.0650	0.0737+0.0257	0.1713+0.0196
069	860201	0.1063+0.0197	0.0932+0.0157	0.0423+0.0103	0.9373+0.0985	0.1940+0.0297	0.0936+0.0135
069	860207	0.0603+0.0153	0.1672+0.0259	0.0262+0.0076	0.5143+0.0708	0.1175+0.0262	0.0847+0.0134
069	860213	0.0319+0.0134	0.0515+0.0109	0.0195+0.0066	0.5534+0.0719	0.1735+0.0291	0.0441+0.0111
069	860219	0.0373+0.0131	0.0828+0.0144	0.0258+0.0073	0.4150+0.0617	0.4036+0.0435	0.0692+0.0121
069	860225	0.1196+0.0218	0.2315+0.0350	0.0530+0.0125	0.8149+0.0959	0.0771+0.0261	0.0967+0.0144
069	860303	0.1285+0.0223	0.1814+0.0279	0.0857+0.0189	3.7228+0.3166	0.1780+0.0311	0.1097+0.0150
069	860309	0.0556+0.0150	0.0565+0.0115	0.0241+0.0073	0.4992+0.0697	0.0649+0.0239	0.0817+0.0132
069	860315	0.0604+0.0148	0.0730+0.0133	0.0264+0.0075	0.4036+0.0622	0.1410+0.0267	0.0512+0.0111
069	860321	0.1006+0.0188	0.1912+0.0292	0.0348+0.0089	0.4394+0.0661	0.0542+0.0226	0.0661+0.0119
069	860327	0.2144+0.0328	0.3661+0.0540	0.1031+0.0225	3.4162+0.2914	0.1143+0.0279	0.1493+0.0175
069	860402	0.0905+0.0179	0.2805+0.0407	0.0000+0.0068	0.6509+0.0738	0.0144+0.0225	0.0746+0.0125
069	860408	0.0864+0.0171	0.1250+0.0194	0.0000+0.0073	0.7010+0.0760	0.0822+0.0236	0.0485+0.0106
069	860414	0.1079+0.0197	0.2439+0.0355	0.0191+0.0096	1.2762+0.1153	0.1316+0.0268	0.0963+0.0134
069	860420	0.1860+0.0276	0.4649+0.0655	0.0000+0.0084	0.4673+0.0608	0.0141+0.0197	0.1148+0.0136
069	860426	0.1713+0.0257	0.3427+0.0485	0.0031+0.0055	1.8985+0.1497	0.0315+0.0201	0.1233+0.0139
069	860502	0.2464+0.0356	0.5989+0.0844	0.0000+0.0142	1.4867+0.1267	0.0159+0.0223	0.1480+0.0163
069	860508	0.1161+0.0207	0.2404+0.0349	0.0000+0.0095	0.9858+0.0943	0.0567+0.0242	0.1055+0.0141
069	860514	0.2436+0.0353	0.4005+0.0569	0.0000+0.0186	4.1222+0.3095	0.0209+0.0249	0.1356+0.0158
069	860520	0.2256+0.0331	0.4251+0.0603	0.0262+0.0132	4.4579+0.3339	0.0304+0.0253	0.1432+0.0161
069	860526	0.2519+0.0355	0.3887+0.0549	0.0114+0.0070	5.3162+0.3867	0.0099+0.0227	0.1941+0.0185
069	860601	0.1898+0.0289	0.3913+0.0557	0.0000+0.0223	5.2135+0.3867	0.0000+0.0245	0.1036+0.0139
069	860607	0.1754+0.0275	0.3469+0.0497	0.0000+0.0166	3.5621+0.2722	0.0163+0.0258	0.1035+0.0144
069	860613	0.1461+0.0240	0.2673+0.0387	0.0000+0.0131	2.5729+0.2010	0.0760+0.0258	0.1547+0.0171
069	860619	0.2511+0.0362	0.4163+0.0591	0.0000+0.0130	1.8573+0.1514	0.0559+0.0245	0.1930+0.0193
069	860625	0.2294+0.0337	0.4408+0.0625	0.0107+0.0077	4.2789+0.3209	0.0397+0.0261	0.1371+0.0159

FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	AL	SI	P	S	CL	K
069	860701	0.1672+0.0263	0.3984+0.0565	0.0399+0.0200	1.7534+0.1440	0.0179+0.0234	0.2124+0.0206
069	860707	0.0990+0.0148	0.1406+0.0203	0.0065+0.0033	0.9116+0.0768	0.0112+0.0098	0.1271+0.0123
069	860713	0.1932+0.0282	0.1987+0.0290	0.0000+0.0105	1.4948+0.1239	0.0562+0.0211	0.0507+0.0099
069	860719	0.1682+0.0254	0.3140+0.0448	0.0000+0.0122	1.2206+0.1060	0.0222+0.0205	0.1157+0.0138
069	860725	0.1774+0.0263	0.1949+0.0284	0.0000+0.0087	1.3651+0.1146	0.0438+0.0205	0.0807+0.0115
069	860731	0.2541+0.0358	0.4473+0.0631	0.0000+0.0232	4.6900+0.3471	0.1117+0.0257	0.1638+0.0166
069	860806	0.3121+0.0433	0.4375+0.0619	0.0000+0.0282	6.4766+0.4762	0.0101+0.0254	0.1135+0.0138
069	860812	0.2488+0.0352	0.5187+0.0730	0.0000+0.0187	3.7683+0.2820	0.1290+0.0260	0.1647+0.0168
069	860818	0.1782+0.0265	0.3859+0.0547	0.0000+0.0142	1.5215+0.1269	0.0136+0.0202	0.1197+0.0140
069	860824	0.2124+0.0307	0.3384+0.0481	0.0000+0.0182	4.1910+0.3117	0.0436+0.0233	0.1508+0.0159
069	860830	0.1830+0.0270	0.3235+0.0460	0.0000+0.0133	2.2641+0.1768	0.0376+0.0208	0.1357+0.0148
069	860905	0.1968+0.0293	0.3964+0.0563	0.0088+0.0063	3.0623+0.2350	0.0060+0.0232	0.2502+0.0229
069	860911	0.1761+0.0267	0.3505+0.0499	0.0103+0.0150	3.3155+0.2512	0.0781+0.0250	0.1362+0.0154
069	860917	0.1500+0.0227	0.3711+0.0525	0.0141+0.0099	0.5642+0.0638	0.0362+0.0185	0.1345+0.0143
069	860923	0.1010+0.0180	0.1890+0.0278	0.0000+0.0090	1.1689+0.1034	0.0142+0.0211	0.0848+0.0123
069	860929	0.1242+0.0203	0.2679+0.0384	0.0000+0.0127	1.2500+0.1096	0.0710+0.0221	0.0910+0.0121
069	861005	0.0995+0.0176	0.1927+0.0283	0.0119+0.0073	0.5241+0.0629	0.0284+0.0211	0.0595+0.0108
069	861011	0.2096+0.0318	0.2418+0.0355	0.0077+0.0052	2.8238+0.2157	0.0000+0.0203	0.0928+0.0123
069	861017	0.1821+0.0275	0.3223+0.0461	0.0000+0.0148	2.5913+0.2022	0.0462+0.0236	0.1360+0.0154
069	861023	0.2372+0.0345	0.3860+0.0550	0.0000+0.0155	2.5618+0.2018	0.1437+0.0286	0.1530+0.0168
069	861029	0.2359+0.0338	0.3835+0.0543	0.0000+0.0218	3.4280+0.2589	0.1845+0.0289	0.2286+0.0210
069	861104	0.2296+0.0339	0.4298+0.0610	0.0130+0.0070	1.6291+0.1397	0.1218+0.0285	0.1962+0.0198
069	861110	0.1859+0.0276	0.3932+0.0557	0.0000+0.0130	0.3418+0.0595	0.0580+0.0217	0.1626+0.0166
069	861116	0.1152+0.0194	0.2263+0.0327	0.0177+0.0090	0.7725+0.0787	0.1039+0.0231	0.1778+0.0176
069	861122	0.1462+0.0222	0.2503+0.0359	0.0000+0.0071	0.3236+0.0495	0.0701+0.0190	0.1160+0.0131
069	861128	0.1305+0.0213	0.2212+0.0320	0.0085+0.0055	0.5762+0.0695	0.0335+0.0214	0.1858+0.0182
069	861204	0.3205+0.0455	0.5456+0.0770	0.0446+0.0223	1.5807+0.1429	0.3421+0.0401	0.3879+0.0325
069	861210	0.1683+0.0256	0.2888+0.0412	0.0000+0.0140	0.9355+0.0887	0.1586+0.0257	0.2599+0.0229
069	861216	0.1813+0.0277	0.3372+0.0481	0.0066+0.0062	1.5574+0.1316	0.4190+0.0423	0.2942+0.0257
069	861222	0.1366+0.0218	0.2330+0.0336	0.0322+0.0162	0.9359+0.0892	0.2434+0.0303	0.2467+0.0222
069	861228	0.1150+0.0204	0.1386+0.0212	0.0000+0.0096	0.5540+0.0668	0.0586+0.0227	0.2622+0.0238

FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	CA	TI	V	CR	MN	FE
069	860102	0.0558+0.0090	0.0426+0.0059	0.0102+0.0034	0.0025+0.0028	0.0236+0.0044	0.1182+0.0123
069	860108	0.1468+0.0149	0.0422+0.0058	0.0052+0.0031	0.0086+0.0028	0.0403+0.0052	0.3059+0.0265
069	860114	0.1353+0.0142	0.0345+0.0054	0.0054+0.0030	0.0100+0.0030	0.0287+0.0045	0.2494+0.0223
069	860120	0.1050+0.0122	0.0244+0.0049	0.0097+0.0034	0.0078+0.0030	0.0279+0.0046	0.2273+0.0206
069	860126	0.1336+0.0146	0.0398+0.0060	0.0040+0.0033	0.0066+0.0032	0.0302+0.0049	0.2329+0.0212
069	860201	0.0451+0.0081	0.0116+0.0040	0.0000+0.0027	0.0056+0.0028	0.0257+0.0043	0.0918+0.0103
069	860207	0.0603+0.0093	0.0127+0.0042	0.0054+0.0032	0.0051+0.0030	0.0192+0.0041	0.1103+0.0117
069	860213	0.0515+0.0087	0.0094+0.0042	0.0045+0.0031	0.0023+0.0028	0.0205+0.0043	0.0756+0.0093
069	860219	0.0700+0.0097	0.0192+0.0045	0.0035+0.0030	0.0023+0.0026	0.0201+0.0040	0.0967+0.0106
069	860225	0.1038+0.0123	0.0429+0.0061	0.0073+0.0035	0.0040+0.0030	0.0442+0.0057	0.2485+0.0224
069	860303	0.0785+0.0104	0.0320+0.0054	0.0078+0.0034	0.0036+0.0028	0.0290+0.0047	0.1393+0.0138
069	860309	0.0588+0.0091	0.0058+0.0040	0.0035+0.0030	0.0033+0.0028	0.0154+0.0041	0.0496+0.0077
069	860315	0.0617+0.0092	0.0143+0.0043	0.0015+0.0028	0.0022+0.0027	0.0136+0.0039	0.0511+0.0076
069	860321	0.0928+0.0111	0.0252+0.0048	0.0043+0.0030	0.0012+0.0027	0.0232+0.0042	0.1586+0.0153
069	860327	0.1222+0.0134	0.0571+0.0069	0.0089+0.0033	0.0097+0.0030	0.0358+0.0050	0.2550+0.0228
069	860402	0.0921+0.0109	0.0217+0.0047	0.0000+0.0030	0.0037+0.0032	0.0085+0.0039	0.1170+0.0115
069	860408	0.0536+0.0082	0.0039+0.0036	0.0002+0.0028	0.0000+0.0028	0.0105+0.0036	0.0741+0.0086
069	860414	0.0812+0.0100	0.0178+0.0044	0.0056+0.0031	0.0046+0.0030	0.0188+0.0041	0.1194+0.0116
069	860420	0.1485+0.0138	0.0798+0.0077	0.0017+0.0029	0.0005+0.0026	0.0180+0.0037	0.1903+0.0157
069	860426	0.0954+0.0102	0.0175+0.0039	0.0029+0.0026	0.0018+0.0025	0.0109+0.0033	0.1352+0.0119
069	860502	0.1538+0.0146	0.0327+0.0051	0.0065+0.0032	0.0000+0.0029	0.0159+0.0039	0.2475+0.0201
069	860508	0.0839+0.0103	0.0167+0.0044	0.0033+0.0032	0.0010+0.0030	0.0122+0.0040	0.1296+0.0121
069	860514	0.1649+0.0153	0.0362+0.0054	0.0094+0.0034	0.0030+0.0030	0.0118+0.0039	0.2188+0.0182
069	860520	0.1563+0.0148	0.0330+0.0052	0.0104+0.0034	0.0000+0.0030	0.0210+0.0043	0.2169+0.0180
069	860526	0.1358+0.0128	0.0324+0.0048	0.0099+0.0030	0.0000+0.0025	0.0080+0.0033	0.2578+0.0202
069	860601	0.1227+0.0126	0.0202+0.0046	0.0064+0.0032	0.0013+0.0030	0.0046+0.0038	0.1581+0.0140
069	860607	0.0945+0.0111	0.0211+0.0048	0.0045+0.0034	0.0000+0.0032	0.0121+0.0042	0.1211+0.0118
069	860613	0.1484+0.0143	0.0225+0.0048	0.0027+0.0032	0.0041+0.0032	0.0113+0.0040	0.1517+0.0136
069	860619	0.1330+0.0133	0.0518+0.0063	0.0095+0.0035	0.0000+0.0030	0.0199+0.0043	0.2098+0.0174
069	860625	0.1643+0.0154	0.0335+0.0054	0.0061+0.0034	0.0070+0.0032	0.0153+0.0042	0.2354+0.0193



## FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	CA	TI	V	CR	MN	FE
069	860701	0.1605+0.0150	0.0597+0.0068	0.0055+0.0033	0.0036+0.0031	0.0185+0.0042	0.1997+0.0167
069	860707	0.0649+0.0071	0.0133+0.0024	0.0012+0.0012	0.0027+0.0012	0.0086+0.0017	0.1100+0.0093
069	860713	0.1031+0.0108	0.0760+0.0075	0.0078+0.0032	0.0022+0.0025	0.0089+0.0033	0.1339+0.0119
069	860719	0.1240+0.0124	0.0241+0.0042	0.0041+0.0027	0.0003+0.0025	0.0106+0.0035	0.2055+0.0169
069	860725	0.0728+0.0092	0.0206+0.0040	0.0034+0.0025	0.0014+0.0023	0.0132+0.0033	0.1297+0.0117
069	860731	0.1311+0.0128	0.0352+0.0048	0.0118+0.0030	0.0079+0.0027	0.0139+0.0033	0.2430+0.0193
069	860806	0.1280+0.0128	0.0459+0.0057	0.0134+0.0032	0.0071+0.0029	0.0109+0.0035	0.2331+0.0189
069	860812	0.2100+0.0181	0.0909+0.0085	0.0134+0.0033	0.0065+0.0027	0.0132+0.0035	0.2506+0.0199
069	860818	0.1362+0.0133	0.0276+0.0045	0.0098+0.0029	0.0033+0.0025	0.0120+0.0034	0.2149+0.0176
069	860824	0.1076+0.0113	0.0193+0.0040	0.0076+0.0028	0.0036+0.0025	0.0059+0.0033	0.1413+0.0124
069	860830	0.1237+0.0123	0.0220+0.0041	0.0114+0.0029	0.0020+0.0024	0.0074+0.0032	0.1659+0.0141
069	860905	0.1231+0.0128	0.0330+0.0050	0.0096+0.0032	0.0032+0.0028	0.0153+0.0039	0.2338+0.0191
069	860911	0.0712+0.0095	0.0290+0.0048	0.0092+0.0032	0.0014+0.0027	0.0131+0.0038	0.1299+0.0119
069	860917	0.1258+0.0122	0.0277+0.0043	0.0043+0.0023	0.0057+0.0023	0.0139+0.0032	0.1912+0.0157
069	860923	0.0842+0.0101	0.0158+0.0040	0.0017+0.0027	0.0020+0.0027	0.0139+0.0037	0.1204+0.0114
069	860929	0.0855+0.0099	0.0179+0.0039	0.0039+0.0025	0.0049+0.0025	0.0152+0.0035	0.1704+0.0144
069	861005	0.0679+0.0091	0.0207+0.0042	0.0016+0.0027	0.0027+0.0027	0.0099+0.0035	0.1359+0.0123
069	861011	0.0764+0.0094	0.0203+0.0040	0.0034+0.0027	0.0036+0.0025	0.0049+0.0031	0.1047+0.0101
069	861017	0.0840+0.0103	0.0235+0.0045	0.0071+0.0030	0.0057+0.0029	0.0130+0.0037	0.1577+0.0138
069	861023	0.1281+0.0132	0.0401+0.0055	0.0089+0.0032	0.0075+0.0031	0.0152+0.0041	0.2929+0.0233
069	861029	0.1370+0.0134	0.0232+0.0042	0.0198+0.0034	0.0033+0.0027	0.0226+0.0039	0.2706+0.0213
069	861104	0.1520+0.0150	0.0515+0.0063	0.0116+0.0035	0.0038+0.0030	0.0270+0.0047	0.3102+0.0245
069	861110	0.1370+0.0132	0.0360+0.0049	0.0064+0.0027	0.0052+0.0025	0.0335+0.0043	0.3014+0.0236
069	861116	0.0712+0.0092	0.0185+0.0039	0.0039+0.0025	0.0017+0.0023	0.0210+0.0037	0.1402+0.0125
069	861122	0.0699+0.0087	0.0144+0.0034	0.0052+0.0024	0.0071+0.0024	0.0131+0.0031	0.0845+0.0086
069	861128	0.0793+0.0098	0.0264+0.0044	0.0050+0.0028	0.0016+0.0025	0.0271+0.0041	0.2895+0.0227
069	861204	0.2153+0.0191	0.0656+0.0072	0.0154+0.0037	0.0086+0.0032	0.0635+0.0064	0.5674+0.0426
069	861210	0.1059+0.0113	0.0425+0.0052	0.0059+0.0028	0.0052+0.0025	0.0282+0.0041	0.2377+0.0189
069	861216	0.1311+0.0133	0.0336+0.0050	0.0051+0.0029	0.0006+0.0027	0.0297+0.0044	0.2857+0.0226
069	861222	0.1072+0.0114	0.0279+0.0045	0.0065+0.0027	0.0044+0.0025	0.0262+0.0040	0.2445+0.0196
069	861228	0.0537+0.0087	0.0144+0.0041	0.0032+0.0029	0.0019+0.0027	0.0137+0.0037	0.1214+0.0115

FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	NI	CU	ZN	GA	AS	SE
069	860102	0.0041+0.0025	0.0262+0.0040	0.0652+0.0065	0.0005+0.0021	0.0071+0.0131	0.0000+0.0028
069	860108	0.0023+0.0023	0.0241+0.0037	0.1135+0.0100	0.0000+0.0021	0.0000+0.0172	0.0000+0.0026
069	860114	0.0028+0.0023	0.0103+0.0030	0.0566+0.0057	0.0000+0.0020	0.0000+0.0125	0.0016+0.0026
069	860120	0.0091+0.0027	0.2083+0.0179	0.1882+0.0163	0.0000+0.0021	0.0000+0.0125	0.0008+0.0028
069	860126	0.0045+0.0027	0.1323+0.0120	0.1114+0.0102	0.0022+0.0023	0.0037+0.0143	0.0000+0.0028
069	860201	0.0025+0.0023	0.1763+0.0154	0.1664+0.0146	0.0008+0.0020	0.0041+0.0104	0.0000+0.0027
069	860207	0.0030+0.0025	0.1826+0.0158	0.1624+0.0142	0.0000+0.0020	0.0000+0.0111	0.0000+0.0028
069	860213	0.0040+0.0025	0.0758+0.0074	0.2037+0.0175	0.0000+0.0020	0.0000+0.0091	0.0017+0.0028
069	860219	0.0035+0.0023	0.0489+0.0054	0.1177+0.0105	0.0000+0.0018	0.0000+0.0087	0.0021+0.0026
069	860225	0.0058+0.0027	0.2041+0.0176	0.1887+0.0163	0.0000+0.0023	0.0023+0.0160	0.0031+0.0030
069	860303	0.0065+0.0027	0.0656+0.0066	0.2822+0.0238	0.0000+0.0022	0.0146+0.0102	0.0000+0.0027
069	860309	0.0070+0.0027	0.0659+0.0068	0.1897+0.0164	0.0002+0.0020	0.0000+0.0090	0.0000+0.0028
069	860315	0.0067+0.0025	0.1468+0.0130	0.1508+0.0133	0.0013+0.0020	0.0063+0.0083	0.0000+0.0027
069	860321	0.0075+0.0025	0.0310+0.0041	0.0537+0.0055	0.0000+0.0020	0.0000+0.0114	0.0000+0.0025
069	860327	0.0056+0.0025	0.0737+0.0073	0.1545+0.0134	0.0000+0.0023	0.0000+0.0167	0.0000+0.0026
069	860402	0.0012+0.0025	0.0496+0.0052	0.0888+0.0076	0.0000+0.0020	0.0000+0.0088	0.0008+0.0028
069	860408	0.0018+0.0025	0.0433+0.0047	0.0779+0.0067	0.0000+0.0020	0.0000+0.0101	0.0000+0.0026
069	860414	0.0048+0.0027	0.0526+0.0054	0.1171+0.0097	0.0000+0.0021	0.0000+0.0117	0.0013+0.0026
069	860420	0.0051+0.0023	0.0195+0.0031	0.0203+0.0028	0.0000+0.0019	0.0000+0.0105	0.0022+0.0025
069	860426	0.0020+0.0021	0.0054+0.0025	0.0234+0.0028	0.0002+0.0018	0.0000+0.0100	0.0025+0.0023
069	860502	0.0084+0.0027	0.0357+0.0042	0.0717+0.0063	0.0010+0.0022	0.0000+0.0131	0.0011+0.0027
069	860508	0.0068+0.0027	0.1970+0.0152	0.1811+0.0141	0.0000+0.0022	0.0000+0.0116	0.0006+0.0029
069	860514	0.0078+0.0027	0.0269+0.0038	0.0641+0.0058	0.0000+0.0021	0.0000+0.0113	0.0000+0.0027
069	860520	0.0067+0.0027	0.0109+0.0031	0.0555+0.0052	0.0000+0.0021	0.0000+0.0117	0.0011+0.0027
069	860526	0.0059+0.0023	0.2885+0.0213	0.2205+0.0166	0.0000+0.0019	0.0000+0.0100	0.0037+0.0023
069	860601	0.0051+0.0027	0.0081+0.0029	0.0375+0.0040	0.0000+0.0021	0.0000+0.0094	0.0008+0.0029
069	860607	0.0040+0.0027	0.1280+0.0104	0.1246+0.0102	0.0000+0.0021	0.0000+0.0108	0.0039+0.0031
069	860613	0.0057+0.0027	0.0585+0.0058	0.1399+0.0110	0.0003+0.0022	0.0000+0.0110	0.0040+0.0029
069	860619	0.0083+0.0029	0.0222+0.0035	0.0599+0.0055	0.0002+0.0021	0.0002+0.0106	0.0000+0.0027
069	860625	0.0057+0.0027	0.0577+0.0056	0.1721+0.0133	0.0010+0.0022	0.0000+0.0123	0.0043+0.0029

FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	NI	CU	ZN	GA	AS	SE
069	860701	0.0050+0.0027	0.0279+0.0039	0.0568+0.0052	0.0000+0.0020	0.0000+0.0115	0.0046+0.0028
069	860707	0.0041+0.0012	0.0486+0.0044	0.0503+0.0044	0.0015+0.0011	0.0000+0.0057	0.0017+0.0011
069	860713	0.0083+0.0024	0.0732+0.0063	0.0823+0.0070	0.0038+0.0017	0.0000+0.0084	0.0000+0.0023
069	860719	0.0019+0.0022	0.0609+0.0056	0.0778+0.0066	0.0009+0.0019	0.0000+0.0117	0.0008+0.0023
069	860725	0.0184+0.0030	0.0514+0.0051	0.1032+0.0083	0.0006+0.0017	0.0000+0.0083	0.0023+0.0023
069	860731	0.0143+0.0027	0.1107+0.0089	0.2634+0.0195	0.0017+0.0019	0.0000+0.0114	0.0023+0.0023
069	860806	0.0136+0.0028	0.2028+0.0155	0.2466+0.0186	0.0019+0.0019	0.0000+0.0101	0.0022+0.0025
069	860812	0.0111+0.0026	0.1052+0.0086	0.2436+0.0182	0.0020+0.0019	0.0100+0.0095	0.0026+0.0023
069	860818	0.0129+0.0026	0.1376+0.0109	0.1287+0.0102	0.0028+0.0019	0.0000+0.0115	0.0036+0.0024
069	860824	0.0120+0.0026	0.0903+0.0075	0.1692+0.0129	0.0023+0.0019	0.0019+0.0093	0.0014+0.0023
069	860830	0.0119+0.0026	0.0444+0.0045	0.0858+0.0072	0.0035+0.0019	0.0000+0.0097	0.0005+0.0022
069	860905	0.0107+0.0027	0.0419+0.0046	0.0892+0.0075	0.0017+0.0021	0.0000+0.0123	0.0032+0.0027
069	860911	0.0081+0.0025	0.0590+0.0055	0.1498+0.0116	0.0000+0.0019	0.0000+0.0099	0.0028+0.0027
069	860917	0.0085+0.0022	0.0577+0.0053	0.0519+0.0048	0.0022+0.0017	0.0000+0.0107	0.0008+0.0020
069	860923	0.0016+0.0022	0.0564+0.0054	0.0713+0.0062	0.0002+0.0017	0.0000+0.0093	0.0022+0.0025
069	860929	0.0110+0.0026	0.0867+0.0074	0.1437+0.0113	0.0011+0.0019	0.0000+0.0126	0.0025+0.0024
069	861005	0.0028+0.0024	0.0243+0.0035	0.0341+0.0037	0.0000+0.0017	0.0000+0.0090	0.0000+0.0025
069	861011	0.0061+0.0024	0.1157+0.0094	0.1537+0.0119	0.0031+0.0017	0.0033+0.0072	0.0017+0.0023
069	861017	0.0054+0.0026	0.0774+0.0068	0.1422+0.0112	0.0022+0.0021	0.0000+0.0106	0.0010+0.0025
069	861023	0.0069+0.0026	0.1630+0.0128	0.3758+0.0279	0.0010+0.0022	0.0000+0.0141	0.0000+0.0027
069	861029	0.0136+0.0027	0.1560+0.0122	0.3390+0.0250	0.0009+0.0020	0.0000+0.0132	0.0044+0.0025
069	861104	0.0138+0.0031	0.0583+0.0057	0.1266+0.0102	0.0038+0.0024	0.0005+0.0175	0.0017+0.0029
069	861110	0.0119+0.0026	0.0603+0.0056	0.0957+0.0079	0.0020+0.0020	0.0000+0.0171	0.0046+0.0024
069	861116	0.0030+0.0022	0.1316+0.0105	0.0953+0.0079	0.0000+0.0019	0.0000+0.0130	0.0000+0.0023
069	861122	0.0003+0.0017	0.0163+0.0027	0.0168+0.0024	0.0024+0.0014	0.0002+0.0057	0.0017+0.0021
069	861128	0.0044+0.0024	0.0235+0.0033	0.0659+0.0057	0.0014+0.0020	0.0000+0.0147	0.0034+0.0025
069	861204	0.0114+0.0029	0.0689+0.0064	0.2123+0.0162	0.0022+0.0029	0.0054+0.0292	0.0073+0.0030
069	861210	0.0089+0.0024	0.0891+0.0074	0.1546+0.0119	0.0006+0.0020	0.0059+0.0139	0.0046+0.0023
069	861216	0.0090+0.0026	0.0985+0.0083	0.1863+0.0143	0.0016+0.0021	0.0021+0.0142	0.0011+0.0025
069	861222	0.0069+0.0024	0.1337+0.0106	0.1794+0.0138	0.0020+0.0021	0.0000+0.0140	0.0035+0.0024
069	861228	0.0000+0.0024	0.1088+0.0091	0.1225+0.0099	0.0000+0.0021	0.0000+0.0110	0.0014+0.0026

FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	BR	RB	SR	Y	ZR	MO
069	860102	0.0858+0.0082	0.0000+0.0048	0.0089+0.0058	0.0008+0.0069	0.0000+0.0279	0.0381+0.0201
069	860108	0.0751+0.0072	0.0032+0.0045	0.0083+0.0054	0.0005+0.0065	0.0144+0.0262	0.0000+0.0183
069	860114	0.0374+0.0049	0.0092+0.0045	0.0064+0.0054	0.0130+0.0066	0.0332+0.0265	0.0113+0.0186
069	860120	0.0426+0.0054	0.0048+0.0048	0.0000+0.0056	0.0000+0.0068	0.0277+0.0283	0.0008+0.0198
069	860126	0.0392+0.0053	0.0041+0.0050	0.0040+0.0061	0.0000+0.0073	0.0252+0.0301	0.0108+0.0211
069	860201	0.0423+0.0051	0.0017+0.0045	0.0073+0.0055	0.0023+0.0065	0.0401+0.0268	0.0141+0.0187
069	860207	0.0170+0.0039	0.0038+0.0046	0.0013+0.0056	0.0000+0.0068	0.0325+0.0283	0.0294+0.0201
069	860213	0.0289+0.0045	0.0000+0.0046	0.0000+0.0056	0.0054+0.0069	0.0000+0.0281	0.0216+0.0200
069	860219	0.0170+0.0038	0.0063+0.0045	0.0015+0.0054	0.0000+0.0064	0.0122+0.0268	0.0000+0.0187
069	860225	0.0477+0.0058	0.0000+0.0050	0.0041+0.0059	0.0000+0.0073	0.0030+0.0296	0.0000+0.0206
069	860303	0.0312+0.0046	0.0076+0.0048	0.0050+0.0056	0.0000+0.0068	0.0000+0.0280	0.0104+0.0197
069	860309	0.0184+0.0042	0.0046+0.0048	0.0041+0.0058	0.0050+0.0070	0.0000+0.0282	0.0110+0.0199
069	860315	0.0103+0.0037	0.0000+0.0045	0.0023+0.0055	0.0000+0.0065	0.0248+0.0273	0.0000+0.0190
069	860321	0.0242+0.0041	0.0086+0.0045	0.0000+0.0053	0.0000+0.0065	0.0010+0.0265	0.0000+0.0186
069	860327	0.0575+0.0063	0.0023+0.0048	0.0066+0.0056	0.0000+0.0067	0.0000+0.0276	0.0366+0.0198
069	860402	0.0134+0.0041	0.0000+0.0048	0.0000+0.0058	0.0000+0.0072	0.0229+0.0294	0.0207+0.0204
069	860408	0.0163+0.0039	0.0018+0.0046	0.0034+0.0054	0.0000+0.0065	0.0407+0.0274	0.0000+0.0186
069	860414	0.0305+0.0044	0.0000+0.0048	0.0053+0.0056	0.0000+0.0068	0.0361+0.0281	0.0279+0.0195
069	860420	0.0287+0.0040	0.0000+0.0042	0.0067+0.0051	0.0000+0.0060	0.0000+0.0248	0.0170+0.0174
069	860426	0.0280+0.0039	0.0000+0.0040	0.0031+0.0047	0.0012+0.0058	0.0060+0.0237	0.0000+0.0168
069	860502	0.0381+0.0049	0.0000+0.0046	0.0016+0.0056	0.0025+0.0069	0.0476+0.0282	0.0135+0.0193
069	860508	0.0248+0.0043	0.0000+0.0049	0.0000+0.0059	0.0000+0.0071	0.0000+0.0292	0.0005+0.0203
069	860514	0.0237+0.0043	0.0000+0.0048	0.0022+0.0057	0.0000+0.0070	0.0000+0.0285	0.0330+0.0201
069	860520	0.0330+0.0046	0.0000+0.0048	0.0099+0.0058	0.0000+0.0069	0.0067+0.0286	0.0312+0.0201
069	860526	0.0247+0.0038	0.0000+0.0040	0.0008+0.0048	0.0000+0.0059	0.0190+0.0241	0.0000+0.0167
069	860601	0.0255+0.0043	0.0000+0.0049	0.0088+0.0059	0.0000+0.0070	0.0000+0.0290	0.0000+0.0206
069	860607	0.0166+0.0043	0.0000+0.0052	0.0016+0.0063	0.0013+0.0076	0.0000+0.0308	0.0000+0.0218
069	860613	0.0293+0.0046	0.0000+0.0049	0.0029+0.0059	0.0000+0.0072	0.0390+0.0297	0.0000+0.0207
069	860619	0.0229+0.0043	0.0000+0.0049	0.0017+0.0059	0.0000+0.0070	0.0030+0.0291	0.0275+0.0204
069	860625	0.0242+0.0043	0.0000+0.0049	0.0051+0.0061	0.0000+0.0072	0.0054+0.0296	0.0000+0.0210

FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	BR	RB	SR	Y	ZR	MO
069	860701	0.0283+0.0045	0.0000+0.0049	0.0108+0.0060	0.0016+0.0072	0.0454+0.0296	0.0360+0.0205
069	860707	0.0112+0.0017	0.0000+0.0017	0.0002+0.0021	0.0000+0.0026	0.0000+0.0112	0.0000+0.0069
069	860713	0.0178+0.0036	0.0033+0.0041	0.0069+0.0049	0.0000+0.0059	0.0000+0.0249	0.0180+0.0169
069	860719	0.0271+0.0040	0.0038+0.0042	0.0106+0.0052	0.0083+0.0063	0.0000+0.0250	0.0163+0.0174
069	860725	0.0151+0.0035	0.0011+0.0039	0.0064+0.0048	0.0000+0.0058	0.0000+0.0240	0.0249+0.0169
069	860731	0.0402+0.0045	0.0044+0.0041	0.0118+0.0049	0.0031+0.0058	0.0344+0.0234	0.0092+0.0164
069	860806	0.0254+0.0041	0.0000+0.0043	0.0057+0.0052	0.0022+0.0063	0.0000+0.0260	0.0142+0.0180
069	860812	0.0249+0.0039	0.0050+0.0041	0.0064+0.0050	0.0000+0.0061	0.0000+0.0246	0.0000+0.0170
069	860818	0.0274+0.0040	0.0068+0.0041	0.0071+0.0049	0.0043+0.0060	0.0000+0.0248	0.0069+0.0167
069	860824	0.0310+0.0042	0.0058+0.0042	0.0079+0.0050	0.0098+0.0061	0.0000+0.0251	0.0227+0.0172
069	860830	0.0224+0.0038	0.0077+0.0039	0.0067+0.0049	0.0041+0.0058	0.0000+0.0237	0.0295+0.0167
069	860905	0.0415+0.0049	0.0000+0.0046	0.0000+0.0055	0.0022+0.0066	0.0262+0.0268	0.0161+0.0189
069	860911	0.0293+0.0043	0.0005+0.0045	0.0158+0.0057	0.0100+0.0067	0.0000+0.0274	0.0000+0.0189
069	860917	0.0285+0.0037	0.0105+0.0038	0.0071+0.0043	0.0029+0.0053	0.0000+0.0215	0.0000+0.0152
069	860923	0.0211+0.0039	0.0035+0.0044	0.0052+0.0054	0.0000+0.0065	0.0000+0.0263	0.0000+0.0184
069	860929	0.0451+0.0048	0.0028+0.0041	0.0050+0.0049	0.0036+0.0060	0.0116+0.0236	0.0121+0.0167
069	861005	0.0137+0.0037	0.0033+0.0042	0.0046+0.0053	0.0000+0.0064	0.0209+0.0258	0.0176+0.0181
069	861011	0.0100+0.0033	0.0011+0.0041	0.0033+0.0049	0.0000+0.0059	0.0114+0.0240	0.0074+0.0169
069	861017	0.0334+0.0046	0.0046+0.0045	0.0086+0.0056	0.0013+0.0067	0.0135+0.0267	0.0305+0.0190
069	861023	0.0477+0.0054	0.0038+0.0048	0.0018+0.0057	0.0042+0.0070	0.0000+0.0283	0.0000+0.0195
069	861029	0.0556+0.0056	0.0020+0.0042	0.0061+0.0052	0.0033+0.0062	0.0266+0.0248	0.0106+0.0175
069	861104	0.0675+0.0067	0.0024+0.0051	0.0054+0.0062	0.0046+0.0075	0.0427+0.0301	0.0152+0.0210
069	861110	0.0500+0.0052	0.0013+0.0041	0.0049+0.0049	0.0000+0.0060	0.0258+0.0239	0.0064+0.0167
069	861116	0.0485+0.0050	0.0031+0.0041	0.0034+0.0049	0.0000+0.0059	0.0000+0.0241	0.0028+0.0167
069	861122	0.0052+0.0029	0.0003+0.0035	0.0027+0.0043	0.0038+0.0052	0.0239+0.0208	0.0475+0.0475
069	861128	0.0484+0.0051	0.0000+0.0042	0.0078+0.0052	0.0000+0.0063	0.0476+0.0252	0.0261+0.0176
069	861204	0.1372+0.0110	0.0025+0.0052	0.0151+0.0061	0.0000+0.0075	0.0176+0.0294	0.0279+0.0207
069	861210	0.0644+0.0059	0.0039+0.0042	0.0014+0.0048	0.0000+0.0059	0.0313+0.0238	0.0000+0.0165
069	861216	0.0744+0.0068	0.0043+0.0046	0.0093+0.0054	0.0025+0.0066	0.0017+0.0262	0.0172+0.0185
069	861222	0.0519+0.0053	0.0057+0.0041	0.0036+0.0049	0.0000+0.0058	0.0164+0.0235	0.0000+0.0164
069	861228	0.0401+0.0049	0.0030+0.0046	0.0109+0.0056	0.0000+0.0067	0.0088+0.0270	0.0339+0.0191

FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	PD	AG	CD	IN	SN	SB
069	860102	0.0155+0.0179	0.0028+0.0236	0.0343+0.0318	0.0314+0.0397	0.0220+0.0474	0.0712+0.1058
069	860108	0.0000+0.0159	0.0152+0.0222	0.0000+0.0288	0.0261+0.0369	0.0000+0.0455	0.1198+0.0997
069	860114	0.0186+0.0170	0.0000+0.0218	0.0122+0.0294	0.0000+0.0366	0.0325+0.0445	0.1558+0.1011
069	860120	0.0000+0.0172	0.0069+0.0238	0.0000+0.0307	0.0342+0.0398	0.0097+0.0474	0.0000+0.1045
069	860126	0.0189+0.0191	0.0086+0.0252	0.0000+0.0332	0.0691+0.0429	0.0000+0.0501	0.0018+0.1117
069	860201	0.0098+0.0167	0.0020+0.0224	0.0000+0.0292	0.0000+0.0368	0.0000+0.0439	0.0000+0.0988
069	860207	0.0000+0.0172	0.0000+0.0246	0.0357+0.0318	0.0000+0.0386	0.0000+0.0469	0.0314+0.1052
069	860213	0.0213+0.0180	0.0294+0.0243	0.0400+0.0320	0.0375+0.0399	0.0000+0.0469	0.0178+0.1055
069	860219	0.0058+0.0168	0.0246+0.0230	0.0000+0.0296	0.0104+0.0375	0.0393+0.0453	0.1029+0.1014
069	860225	0.0000+0.0185	0.0206+0.0253	0.0182+0.0330	0.0173+0.0415	0.0508+0.0503	0.0000+0.1095
069	860303	0.0000+0.0184	0.0156+0.0239	0.0108+0.0313	0.0000+0.0391	0.0830+0.0485	0.0000+0.1042
069	860309	0.0116+0.0179	0.0324+0.0245	0.0050+0.0314	0.0365+0.0401	0.0483+0.0481	0.0272+0.1059
069	860315	0.0151+0.0173	0.0158+0.0231	0.0000+0.0301	0.0002+0.0381	0.0000+0.0454	0.0000+0.1008
069	860321	0.0159+0.0169	0.0000+0.0219	0.0000+0.0292	0.0704+0.0384	0.0000+0.0446	0.0573+0.1001
069	860327	0.0131+0.0176	0.0330+0.0239	0.0164+0.0309	0.0000+0.0384	0.0601+0.0473	0.0000+0.1028
069	860402	0.0062+0.0184	0.0000+0.0252	0.0000+0.0327	0.0070+0.0414	0.0549+0.0500	0.0097+0.1113
069	860408	0.0142+0.0172	0.0000+0.0232	0.0000+0.0302	0.0000+0.0379	0.0016+0.0454	0.0000+0.1009
069	860414	0.0152+0.0177	0.0000+0.0233	0.0000+0.0313	0.0000+0.0388	0.0000+0.0467	0.0000+0.1042
069	860420	0.0051+0.0157	0.0000+0.0211	0.0000+0.0274	0.0364+0.0355	0.0169+0.0420	0.0000+0.0936
069	860426	0.0000+0.0149	0.0058+0.0205	0.0000+0.0268	0.0000+0.0331	0.0000+0.0397	0.0000+0.0896
069	860502	0.0150+0.0177	0.0000+0.0239	0.0000+0.0311	0.0531+0.0399	0.0622+0.0476	0.0000+0.1050
069	860508	0.0000+0.0181	0.0000+0.0249	0.0000+0.0329	0.0000+0.0408	0.0367+0.0496	0.0484+0.1117
069	860514	0.0105+0.0182	0.0000+0.0247	0.0105+0.0327	0.0000+0.0400	0.0738+0.0492	0.0558+0.1095
069	860520	0.0000+0.0176	0.0077+0.0248	0.0202+0.0328	0.0000+0.0398	0.0069+0.0482	0.0000+0.1054
069	860526	0.0071+0.0151	0.0000+0.0207	0.0000+0.0272	0.0000+0.0335	0.0299+0.0408	0.0000+0.0895
069	860601	0.0000+0.0182	0.0032+0.0252	0.0000+0.0330	0.0000+0.0410	0.0000+0.0488	0.0000+0.1095
069	860607	0.0190+0.0197	0.0000+0.0266	0.0000+0.0348	0.0000+0.0431	0.0073+0.0519	0.0000+0.1159
069	860613	0.0005+0.0185	0.0000+0.0253	0.0000+0.0331	0.0105+0.0416	0.0000+0.0494	0.0000+0.1106
069	860619	0.0224+0.0186	0.0000+0.0245	0.0000+0.0326	0.0062+0.0408	0.0000+0.0483	0.0226+0.1102
069	860625	0.0002+0.0185	0.0000+0.0249	0.0000+0.0335	0.0421+0.0423	0.0140+0.0499	0.0000+0.1111

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	PD	AG	CD	IN	SN	SB
069	860701	0.0239+0.0187	0.0000+0.0251	0.0000+0.0330	0.0393+0.0417	0.0265+0.0493	0.0000+0.1101
069	860707	0.0000+0.0071	0.0000+0.0097	0.0080+0.0118	0.0082+0.0143	0.0152+0.0175	0.0537+0.0408
069	860713	0.0089+0.0155	0.0255+0.0208	0.0158+0.0272	0.0400+0.0343	0.0000+0.0411	0.0000+0.0876
069	860719	0.0000+0.0158	0.0000+0.0207	0.0000+0.0279	0.0000+0.0346	0.0750+0.0427	0.0817+0.0931
069	860725	0.0000+0.0150	0.0067+0.0201	0.0000+0.0266	0.0312+0.0339	0.0055+0.0401	0.0399+0.0889
069	860731	0.0000+0.0150	0.0148+0.0199	0.0220+0.0267	0.0531+0.0337	0.0037+0.0392	0.0226+0.0871
069	860806	0.0000+0.0162	0.0109+0.0218	0.0093+0.0290	0.0162+0.0361	0.0000+0.0443	0.0522+0.0957
069	860812	0.0232+0.0162	0.0134+0.0207	0.0000+0.0272	0.0117+0.0344	0.0322+0.0414	0.1091+0.0923
069	860818	0.0153+0.0158	0.0189+0.0205	0.0006+0.0270	0.0221+0.0339	0.0445+0.0409	0.1566+0.0921
069	860824	0.0064+0.0157	0.0064+0.0205	0.0184+0.0277	0.0000+0.0356	0.0444+0.0416	0.1090+0.0925
069	860830	0.0190+0.0156	0.0216+0.0203	0.0409+0.0272	0.0000+0.0322	0.0210+0.0397	0.1002+0.0891
069	860905	0.0000+0.0170	0.0137+0.0229	0.0000+0.0301	0.0331+0.0382	0.0613+0.0461	0.0962+0.1013
069	860911	0.0136+0.0175	0.0000+0.0225	0.0185+0.0305	0.0612+0.0386	0.0000+0.0451	0.1293+0.1018
069	860917	0.0085+0.0138	0.0226+0.0183	0.0279+0.0243	0.0187+0.0300	0.0440+0.0363	0.0337+0.0791
069	860923	0.0060+0.0169	0.0016+0.0219	0.0167+0.0296	0.0131+0.0367	0.0274+0.0440	0.0648+0.0976
069	860929	0.0000+0.0151	0.0094+0.0201	0.0327+0.0274	0.0254+0.0336	0.0276+0.0402	0.0484+0.0888
069	861005	0.0000+0.0165	0.0000+0.0226	0.0000+0.0291	0.0112+0.0364	0.0251+0.0437	0.0894+0.0973
069	861011	0.0000+0.0163	0.0280+0.0209	0.0310+0.0277	0.0366+0.0345	0.0682+0.0416	0.0014+0.0897
069	861017	0.0005+0.0172	0.0264+0.0231	0.0299+0.0307	0.0075+0.0378	0.0442+0.0456	0.0000+0.0994
069	861023	0.0019+0.0182	0.0000+0.0236	0.0000+0.0315	0.0377+0.0401	0.0233+0.0476	0.2019+0.1081
069	861029	0.0000+0.0153	0.0000+0.0207	0.0167+0.0282	0.0022+0.0349	0.0678+0.0428	0.0033+0.0923
069	861104	0.0218+0.0197	0.0070+0.0254	0.0000+0.0337	0.0278+0.0424	0.0105+0.0505	0.2098+0.1150
069	861110	0.0000+0.0160	0.0039+0.0201	0.0099+0.0270	0.0000+0.0330	0.0609+0.0411	0.1239+0.0908
069	861116	0.0121+0.0157	0.0094+0.0204	0.0045+0.0271	0.0106+0.0337	0.0000+0.0413	0.1430+0.0915
069	861122	0.0123+0.0136	0.0059+0.0176	0.0000+0.0229	0.0000+0.0286	0.0293+0.0353	0.0258+0.0776
069	861128	0.0002+0.0160	0.0188+0.0213	0.0025+0.0282	0.0440+0.0356	0.0596+0.0428	0.1449+0.0951
069	861204	0.0000+0.0186	0.0000+0.0246	0.0000+0.0327	0.0030+0.0413	0.0537+0.0501	0.1861+0.1123
069	861210	0.0000+0.0150	0.0028+0.0200	0.0062+0.0270	0.0000+0.0331	0.0079+0.0401	0.0000+0.0916
069	861216	0.0077+0.0171	0.0000+0.0221	0.0024+0.0297	0.0180+0.0373	0.0466+0.0449	0.1993+0.1017
069	861222	0.0000+0.0147	0.0028+0.0199	0.0000+0.0266	0.0207+0.0334	0.0791+0.0410	0.0000+0.0916
069	861228	0.0195+0.0174	0.0000+0.0232	0.0000+0.0308	0.0000+0.0378	0.0271+0.0465	0.0489+0.1053

FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	BA	LA	HG	PB
069	860102	0.2861+0.1947	0.0000+0.3591	0.0020+0.0033	0.1790+0.0199
069	860108	0.2604+0.1814	0.1455+0.3276	0.0000+0.0029	0.2705+0.0256
069	860114	0.0878+0.1800	0.5057+0.3350	0.0018+0.0030	0.1745+0.0192
069	860120	0.1747+0.1936	0.0238+0.3515	0.0025+0.0033	0.1672+0.0192
069	860126	0.2420+0.2069	0.0000+0.3730	0.0015+0.0035	0.1982+0.0218
069	860201	0.2582+0.1838	0.0000+0.3291	0.0035+0.0032	0.1264+0.0164
069	860207	0.2513+0.1943	0.1057+0.3512	0.0054+0.0035	0.1362+0.0173
069	860213	0.2678+0.1956	0.0000+0.3511	0.0048+0.0033	0.0804+0.0146
069	860219	0.0867+0.1828	0.1445+0.3348	0.0013+0.0030	0.0789+0.0140
069	860225	0.0811+0.2021	0.0000+0.3658	0.0000+0.0033	0.2381+0.0243
069	860303	0.1536+0.1931	0.1004+0.3518	0.0017+0.0031	0.1097+0.0160
069	860309	0.3926+0.1983	0.3393+0.3569	0.0023+0.0033	0.0780+0.0145
069	860315	0.0000+0.1846	0.0000+0.3401	0.0020+0.0032	0.0602+0.0134
069	860321	0.3372+0.1860	0.3370+0.3359	0.0012+0.0030	0.1496+0.0177
069	860327	0.2052+0.1909	0.0000+0.3451	0.0051+0.0033	0.2576+0.0252
069	860402	0.2365+0.1995	0.3061+0.3604	0.0000+0.0033	0.0669+0.0141
069	860408	0.0268+0.1816	0.0000+0.3374	0.0021+0.0033	0.1176+0.0153
069	860414	0.1011+0.1881	0.0000+0.3395	0.0000+0.0033	0.1508+0.0173
069	860420	0.0000+0.1714	0.0000+0.3108	0.0002+0.0029	0.1362+0.0154
069	860426	0.2067+0.1619	0.4307+0.2946	0.0029+0.0029	0.1272+0.0146
069	860502	0.3517+0.1910	0.6347+0.3465	0.0011+0.0033	0.1834+0.0189
069	860508	0.0000+0.1957	0.2103+0.3585	0.0000+0.0033	0.1457+0.0172
069	860514	0.0000+0.1967	0.5504+0.3558	0.0041+0.0035	0.1393+0.0169
069	860520	0.0893+0.1928	0.3241+0.3517	0.0000+0.0032	0.1481+0.0173
069	860526	0.2819+0.1647	0.0000+0.2922	0.0000+0.0026	0.1304+0.0147
069	860601	0.2156+0.1978	0.3124+0.3580	0.0022+0.0035	0.0905+0.0148
069	860607	0.0011+0.2074	0.0000+0.3738	0.0000+0.0035	0.1185+0.0166
069	860613	0.3272+0.2020	0.0000+0.3676	0.0000+0.0035	0.1305+0.0167
069	860619	0.1641+0.1963	0.6181+0.3607	0.0000+0.0033	0.1234+0.0162
069	860625	0.2808+0.2019	0.0000+0.3683	0.0032+0.0037	0.1600+0.0182



FINE PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	BA	LA	HG	PB
069	860701	0.2846+0.1991	0.4161+0.3600	0.0000+0.0033	0.1435+0.0171
069	860707	0.0000+0.0750	0.0000+0.1392	0.0000+0.0012	0.0808+0.0082
069	860713	0.1275+0.1631	0.0241+0.2960	0.0003+0.0027	0.0898+0.0130
069	860719	0.0490+0.1712	0.2075+0.3079	0.0027+0.0030	0.1656+0.0172
069	860725	0.0000+0.1682	0.0000+0.3017	0.0034+0.0030	0.0890+0.0131
069	860731	0.0987+0.1624	0.3912+0.2938	0.0000+0.0028	0.1629+0.0166
069	860806	0.2621+0.1798	0.3949+0.3208	0.0000+0.0030	0.1259+0.0154
069	860812	0.2823+0.1719	0.2641+0.3043	0.0000+0.0028	0.1125+0.0144
069	860818	0.0000+0.1700	0.4299+0.3019	0.0025+0.0030	0.1618+0.0168
069	860824	0.1421+0.1698	0.3829+0.3060	0.0042+0.0031	0.1122+0.0144
069	860830	0.2928+0.1661	0.0235+0.2908	0.0035+0.0030	0.1237+0.0146
069	860905	0.0000+0.1898	0.0812+0.3336	0.0000+0.0030	0.1701+0.0181
069	860911	0.1280+0.1867	0.0000+0.3413	0.0017+0.0033	0.1158+0.0154
069	860917	0.0000+0.1523	0.1870+0.2638	0.0028+0.0026	0.1539+0.0155
069	860923	0.0000+0.1838	0.4508+0.3269	0.0000+0.0030	0.1034+0.0145
069	860929	0.0000+0.1627	0.4732+0.2993	0.0035+0.0030	0.1874+0.0180
069	861005	0.1635+0.1804	0.0000+0.3183	0.0044+0.0033	0.0961+0.0142
069	861011	0.0898+0.1678	0.1628+0.3006	0.0009+0.0030	0.0516+0.0119
069	861017	0.1152+0.1864	0.1676+0.3334	0.0016+0.0032	0.1325+0.0161
069	861023	0.0000+0.1991	0.3041+0.3515	0.0005+0.0034	0.2066+0.0205
069	861029	0.0000+0.1760	0.0000+0.3053	0.0006+0.0030	0.2003+0.0190
069	861104	0.1628+0.2090	0.4524+0.3762	0.0029+0.0037	0.2724+0.0248
069	861110	0.2835+0.1685	0.4832+0.3013	0.0069+0.0032	0.2790+0.0237
069	861116	0.2033+0.1675	0.0000+0.2953	0.0063+0.0031	0.1969+0.0186
069	861122	0.0123+0.1437	0.4551+0.2635	0.0041+0.0027	0.0223+0.0097
069	861128	0.0000+0.1767	0.4039+0.3129	0.0056+0.0031	0.2307+0.0210
069	861204	0.1018+0.2041	0.1329+0.3649	0.0011+0.0037	0.5081+0.0399
069	861210	0.1512+0.1660	0.0094+0.2946	0.0031+0.0029	0.2130+0.0195
069	861216	0.3327+0.1863	0.0000+0.7627	0.0000+0.0032	0.2140+0.0203
069	861222	0.0254+0.1637	0.0211+0.2926	0.0030+0.0030	0.2176+0.0199
069	861228	0.1937+0.1889	0.5668+0.3390	0.0000+0.0032	0.1448+0.0167

## Part L

Fine Particle Concentrations Measured at  
Long Beach during 1986

This section contains data on fine particle mass concentration and chemical composition measured during the year 1986 at Long Beach. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following fine ( $d_p < 2.2 \mu\text{m AD}$ ) aerosol species: fine mass, organic carbon (OC), elemental carbon (EC), total carbon ( $\text{TC} = \text{OC} + \text{EC}$ ),  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ ,  $\text{Mg}^{++}$ , Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.990 \pm -9.990$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol  $<$  are determined to be below their detection limit. In that case, the nominal measured concentration is reported, but the error bound is set equal to the instrumental detection limit for that sample. Therefore, the reported error is greater than the measured concentration. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol  $<$  has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by  $\text{Cl}^-$ , while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  concentrations were obtained by two methods. In one method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a nylon filter downstream of a Teflon-coated cyclone ( $d_p < 2.2 \mu\text{m AD}$ ) and a MgO-coated diffusion denuder designed to quantitatively remove acid gases from the air stream. Nitrate ion and  $\text{Cl}^-$  samples collected by this method are labeled

with the symbol CD [i.e.  $\text{Cl}^-(\text{CD})$  and  $\text{NO}_3^-(\text{CD})$ ]. In the second method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a polytetrafluoroethylene (PTFE) filter located downstream of the Teflon-coated cyclone alone. Nitrate ion and  $\text{Cl}^-$  collected by this method are specified as  $\text{NO}_3^-$  and  $\text{Cl}^-$ , only. Samples for  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ , and  $\text{Mg}^{++}$  determination also were collected on the PTFE filter downstream of the cyclone separator. Water soluble fine  $\text{Br}^-$  aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
072	860102	75.064+- 4.048	9.87+- 0.84	3.09+- 0.51	12.96+- 0.39	18.337+- .789	15.065+- 0.878
072	860108	39.613+- 3.867	12.93+- 0.97	6.10+- 0.63	19.03+- 0.57	5.960+- .270	4.800+- 0.280
072	860114	28.807+- 3.836	8.75+- 0.79	4.16+- 0.56	12.91+- 0.39	4.146+- .186	3.569+- 0.208
072	860120	50.444+- 3.888	10.87+- 0.89	3.22+- 0.51	14.09+- 0.42	14.051+- .603	8.484+- 0.495
072	860126	24.700+- 3.820	10.60+- 0.88	2.46+- 0.47	13.06+- 0.39	5.390+- .238	2.237+- 0.130
072	860201	35.322+- 3.863	9.48+- 0.83	2.58+- 0.48	12.05+- 0.36	6.226+- .273	5.419+- 0.316
072	860207	27.194+- 3.827	8.70+- 0.78	3.08+- 0.50	11.78+- 0.35	2.479+- .118	2.075+- 0.121
072	860213	26.756+- 3.882	4.67+- 0.59	1.46+- 0.43	6.13+- 0.18	6.032+- .265	5.598+- 0.326
072	860219	14.233+- 3.904	3.18+- 0.51	1.38+- 0.42	4.55+- 0.14	.924+- .061	1.067+- 0.062
072	860225	73.354+- 3.934	16.61+- 1.18	5.19+- 0.61	21.80+- 0.65	24.570+- 1.049	14.756+- 0.860
072	860303	35.932+- 3.893	8.62+- 0.78	2.26+- 0.47	10.88+- 0.33	9.083+- .393	4.100+- 0.239
072	860309	16.897+- 3.902	4.07+- 0.56	0.80+- 0.39	4.87+- 0.15	2.367+- .114	2.200+- 0.128
072	860315	18.195+- 3.841	7.07+- 0.71	1.81+- 0.44	8.89+- 0.27	2.088+- .103	1.115+- 0.065
072	860321	29.939+- 3.845	12.16+- 0.96	4.14+- 0.56	16.30+- 0.49	8.615+- .373	1.507+- 0.088
072	860327	99.269+- 4.004	19.20+- 1.31	4.40+- 0.57	23.60+- 0.71	22.985+- .982	12.159+- 0.709
072	860402	14.864+- 3.894	5.32+- 0.62	1.70+- 0.44	7.02+- 0.21	2.513+- .120	2.074+- 0.121
072	860408	7.273+- 3.852	6.20+- 0.66	2.03+- 0.45	8.24+- 0.25	2.310+- .112	1.018+- 0.059
072	860414	18.647+- 3.901	7.87+- 0.75	2.35+- 0.47	10.21+- 0.31	4.184+- .234	1.671+- 0.097
072	860420	17.098+- 3.780	< 0.00+- 0.63	1.91+- 0.44	< 1.91+- 0.06	4.027+- .227	0.783+- 0.046
072	860426	15.157+- 3.821	5.85+- 0.65	0.85+- 0.40	6.70+- 0.20	3.564+- .213	2.174+- 0.127
072	860502	18.614+- 3.809	5.95+- 0.66	2.01+- 0.46	7.95+- 0.24	4.152+- .233	1.529+- 0.089
072	860508	18.875+- 3.897	6.65+- 0.69	1.91+- 0.45	8.56+- 0.26	4.734+- .253	2.989+- 0.174
072	860514	20.597+- 3.815	4.57+- 0.58	1.29+- 0.42	5.86+- 0.18	3.016+- .195	2.166+- 0.126
072	860520	22.058+- 3.842	5.38+- 0.63	1.09+- 0.41	6.47+- 0.19	3.054+- .198	1.351+- 0.079
072	860526	-9.900+-9.900	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.900+-9.900	-9.900+-9.900
072	860601	-9.900+-9.900	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.900+-9.900	-9.900+-9.900
072	860607	-9.900+-9.900	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.900+-9.900	-9.900+-9.900
072	860613	18.033+- 3.824	2.99+- 0.50	1.39+- 0.42	4.38+- 0.13	3.590+- .214	1.538+- 0.090
072	860619	15.355+- 3.809	6.22+- 0.67	2.15+- 0.46	8.38+- 0.25	3.458+- .208	1.920+- 0.112
072	860625	34.265+- 3.836	5.90+- 0.65	1.26+- 0.42	7.17+- 0.22	3.472+- .210	0.771+- 0.045

FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	MASS	OC	EC	TC	NO3--(CD)	NO3--
072	860701	16.862+- 3.837	6.09+- 0.66	2.38+- 0.48	8.46+- 0.25	4.111+- .233	1.947+- 0.114
072	860707	7.044+- 3.817	4.39+- 0.58	1.77+- 0.45	6.16+- 0.18	2.199+- .172	1.097+- 0.064
072	860713	19.155+- 3.820	8.21+- 0.77	1.36+- 0.43	9.57+- 0.29	3.166+- .200	0.503+- 0.029
072	860719	15.851+- 3.772	5.16+- 0.58	1.82+- 0.41	6.97+- 0.21	4.512+- .245	1.673+- 0.098
072	860725	7.548+- 3.783	2.21+- 0.40	0.99+- 0.34	3.20+- 0.10	1.394+- .152	0.809+- 0.047
072	860731	49.564+- 3.814	6.82+- 0.63	3.32+- 0.46	10.14+- 0.30	7.036+- .342	1.150+- 0.067
072	860806	25.750+- 3.806	4.91+- 0.54	2.02+- 0.39	6.94+- 0.21	2.664+- .185	0.552+- 0.032
072	860812	23.554+- 3.793	5.38+- 0.56	2.17+- 0.40	7.55+- 0.23	4.852+- .258	0.661+- 0.039
072	860818	21.879+- 3.783	9.20+- 0.75	4.06+- 0.49	13.26+- 0.40	4.706+- .252	0.766+- 0.045
072	860824	20.237+- 3.808	4.15+- 0.50	1.19+- 0.35	5.34+- 0.16	2.798+- .189	1.098+- 0.064
072	860830	-9.900+-9.900	4.68+- 0.52	1.16+- 0.35	5.84+- 0.18	3.429+- .209	1.636+- 0.095
072	860905	31.866+- 3.783	6.72+- 0.62	2.53+- 0.41	9.25+- 0.28	6.250+- .310	0.828+- 0.048
072	860911	19.722+- 3.741	5.54+- 0.57	1.46+- 0.36	7.00+- 0.21	3.537+- .210	1.192+- 0.069
072	860917	15.922+- 3.751	6.74+- 0.63	2.29+- 0.40	9.02+- 0.27	3.864+- .223	1.105+- 0.064
072	860923	11.962+- 3.768	4.65+- 0.52	1.88+- 0.38	6.53+- 0.20	2.164+- .170	1.030+- 0.060
072	860929	24.406+- 3.812	8.33+- 0.71	3.98+- 0.49	12.31+- 0.37	7.479+- .358	1.806+- 0.105
072	861005	20.585+- 3.782	10.10+- 0.79	3.09+- 0.44	13.19+- 0.40	3.676+- .216	1.155+- 0.067
072	861011	16.261+- 3.793	5.08+- 0.54	1.65+- 0.37	6.73+- 0.20	2.723+- .186	1.005+- 0.059
072	861017	23.534+- 3.815	7.28+- 0.65	3.08+- 0.44	10.36+- 0.31	6.188+- .308	1.908+- 0.111
072	861023	35.558+- 3.826	7.40+- 0.66	3.00+- 0.44	10.41+- 0.31	7.347+- .353	3.377+- 0.197
072	861029	37.737+- 3.793	8.56+- 0.72	3.70+- 0.47	12.26+- 0.37	12.492+- .562	5.706+- 0.333
072	861104	21.831+- 3.831	8.65+- 0.72	3.49+- 0.47	12.14+- 0.36	6.251+- .310	3.681+- 0.215
072	861110	24.982+- 3.813	13.04+- 0.94	6.06+- 0.59	19.09+- 0.57	6.868+- .334	2.064+- 0.120
072	861116	< 0.000+- 4.560	14.37+- 1.01	4.25+- 0.50	18.62+- 0.56	24.358+- 1.058	16.963+- 0.989
072	861122	6.216+- 3.812	5.61+- 0.57	2.37+- 0.41	7.98+- 0.24	2.509+- .179	0.530+- 0.031
072	861128	55.827+- 3.829	16.33+- 1.10	5.55+- 0.56	21.88+- 0.66	20.103+- .879	15.300+- 0.892
072	861204	101.060+- 3.918	16.17+- 1.10	8.26+- 0.70	24.43+- 0.73	42.652+- 1.831	37.909+- 2.210
072	861210	78.156+- 3.854	22.40+- 1.41	9.96+- 0.79	32.36+- 0.97	20.991+- .916	17.962+- 1.047
072	861216	53.447+- 3.802	17.09+- 1.14	7.14+- 0.65	24.24+- 0.73	10.228+- .469	7.826+- 0.456
072	861222	44.194+- 3.812	17.78+- 1.18	6.48+- 0.61	24.26+- 0.73	9.371+- .434	6.860+- 0.400
072	861228	87.370+- 3.950	27.78+- 1.68	7.79+- 0.68	35.57+- 1.07	26.754+- 1.160	21.636+- 1.261

FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
072	860102	< .040+- .784	0.500+- 0.120	6.893+- 0.392	7.519+- 0.303	0.268+- 0.091	< 0.049+- 0.052
072	860108	< .239+- .743	0.187+- 0.071	1.274+- 0.072	1.422+- 0.057	< 0.108+- 0.121	< 0.048+- 0.051
072	860114	.467+- .145	0.417+- 0.105	2.867+- 0.163	1.825+- 0.074	0.505+- 0.123	0.147+- 0.049
072	860120	.472+- .144	0.314+- 0.089	8.520+- 0.484	5.967+- 0.241	< 0.053+- 0.119	< 0.025+- 0.050
072	860126	.289+- .141	0.107+- 0.060	1.175+- 0.067	0.883+- 0.036	0.392+- 0.106	< 0.037+- 0.049
072	860201	1.167+- .158	0.481+- 0.116	3.361+- 0.191	2.199+- 0.089	1.193+- 0.237	0.075+- 0.025
072	860207	.857+- .149	0.506+- 0.119	1.115+- 0.063	0.433+- 0.017	0.157+- 0.075	< 0.025+- 0.050
072	860213	.366+- .146	0.241+- 0.078	1.370+- 0.078	2.303+- 0.093	< 0.000+- 0.120	< 0.025+- 0.050
072	860219	1.033+- .152	0.587+- 0.133	1.062+- 0.060	0.393+- 0.016	0.407+- 0.109	0.062+- 0.021
072	860225	.839+- .147	0.501+- 0.118	5.745+- 0.326	6.546+- 0.264	0.148+- 0.074	< 0.049+- 0.049
072	860303	.698+- .147	0.158+- 0.066	7.900+- 0.449	4.159+- 0.168	0.267+- 0.089	< 0.024+- 0.050
072	860309	1.409+- .161	0.545+- 0.126	1.127+- 0.064	0.367+- 0.015	0.928+- 0.192	0.109+- 0.037
072	860315	.775+- .147	1.495+- 0.294	0.872+- 0.050	0.600+- 0.024	0.978+- 0.200	0.055+- 0.018
072	860321	.319+- .142	0.117+- 0.061	2.020+- 0.115	0.892+- 0.036	0.206+- 0.080	< 0.048+- 0.049
072	860327	.362+- .144	0.115+- 0.062	19.658+- 1.117	11.658+- 0.470	0.320+- 0.097	< 0.037+- 0.050
072	860402	.866+- .149	0.399+- 0.102	1.929+- 0.110	0.752+- 0.030	0.674+- 0.150	0.098+- 0.033
072	860408	.291+- .142	< 0.000+- 0.097	1.753+- 0.100	0.708+- 0.029	0.206+- 0.082	< 0.037+- 0.050
072	860414	-9.900+- -9.900	< 0.088+- 0.096	3.128+- 0.178	1.186+- 0.048	0.354+- 0.101	0.073+- 0.025
072	860420		< 0.062+- 0.094	2.409+- 0.137	0.936+- 0.038	0.189+- 0.078	< 0.048+- 0.049
072	860426		0.188+- 0.071	4.422+- 0.251	1.527+- 0.062	0.887+- 0.185	0.086+- 0.029
072	860502		0.390+- 0.100	3.455+- 0.196	1.127+- 0.045	0.607+- 0.139	0.079+- 0.027
072	860508		0.138+- 0.064	2.609+- 0.148	1.160+- 0.047	0.805+- 0.171	0.074+- 0.025
072	860514		0.139+- 0.065	6.949+- 0.395	2.323+- 0.094	1.076+- 0.217	0.104+- 0.035
072	860520		< 0.058+- 0.096	8.624+- 0.490	2.773+- 0.112	0.993+- 0.203	0.132+- 0.045
072	860526		-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900
072	860601		-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900
072	860607		-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900
072	860613		0.174+- 0.069	6.665+- 0.379	2.145+- 0.086	0.965+- 0.199	0.092+- 0.031
072	860619		0.194+- 0.071	4.621+- 0.263	1.553+- 0.063	0.963+- 0.198	0.094+- 0.031
072	860625		< 0.013+- 0.097	16.579+- 0.942	6.247+- 0.252	0.291+- 0.093	< 0.046+- 0.050

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
072	860701		0.192+- 0.072	5.479+- 0.311	1.911+- 0.077	1.046+- 0.213	0.163+- 0.055
072	860707		0.170+- 0.069	3.564+- 0.203	1.163+- 0.047	0.573+- 0.134	< 0.046+- 0.051
072	860713	<	0.038+- 0.096	8.614+- 0.489	3.005+- 0.121	0.402+- 0.108	< 0.011+- 0.050
072	860719		0.162+- 0.067	4.949+- 0.281	1.653+- 0.067	0.901+- 0.187	0.079+- 0.027
072	860725		0.107+- 0.060	4.036+- 0.229	1.137+- 0.046	0.393+- 0.106	< 0.022+- 0.050
072	860731		0.124+- 0.063	20.547+- 1.168	7.639+- 0.308	0.535+- 0.128	< 0.046+- 0.050
072	860806	<	0.023+- 0.096	12.245+- 0.696	4.067+- 0.164	0.470+- 0.118	< 0.023+- 0.050
072	860812		0.102+- 0.060	9.564+- 0.543	3.816+- 0.154	0.224+- 0.083	< 0.045+- 0.050
072	860818	<	0.053+- 0.095	5.287+- 0.300	1.781+- 0.072	0.300+- 0.093	< 0.022+- 0.050
072	860824	<	0.023+- 0.098	8.899+- 0.506	2.978+- 0.120	0.681+- 0.152	0.093+- 0.031
072	860830		0.243+- 0.078	6.144+- 0.349	1.921+- 0.077	0.980+- 0.201	0.126+- 0.042
072	860905	<	0.093+- 0.096	11.988+- 0.681	4.457+- 0.180	0.521+- 0.126	0.080+- 0.027
072	860911		0.270+- 0.082	6.306+- 0.358	2.156+- 0.087	0.886+- 0.185	0.164+- 0.055
072	860917		0.164+- 0.068	2.421+- 0.138	0.864+- 0.035	0.420+- 0.111	< 0.034+- 0.050
072	860923		0.171+- 0.068	2.228+- 0.127	0.901+- 0.036	0.490+- 0.121	0.056+- 0.019
072	860929		0.197+- 0.071	3.612+- 0.205	1.771+- 0.071	0.431+- 0.112	0.113+- 0.038
072	861005		0.133+- 0.063	2.912+- 0.165	1.742+- 0.070	0.563+- 0.132	0.199+- 0.067
072	861011	<	0.028+- 0.095	4.857+- 0.276	1.988+- 0.080	0.339+- 0.098	< 0.049+- 0.049
072	861017		0.151+- 0.066	6.064+- 0.345	2.654+- 0.107	0.257+- 0.088	< 0.017+- 0.050
072	861023		0.197+- 0.072	6.862+- 0.390	3.314+- 0.134	0.356+- 0.101	< 0.034+- 0.050
072	861029		0.237+- 0.077	7.123+- 0.405	3.827+- 0.154	0.469+- 0.118	< 0.022+- 0.050
072	861104		0.376+- 0.098	4.103+- 0.233	2.216+- 0.089	0.419+- 0.110	< 0.028+- 0.050
072	861110		0.337+- 0.092	1.865+- 0.106	1.187+- 0.048	0.406+- 0.108	0.108+- 0.036
072	861116		0.176+- 0.069	3.338+- 0.190	6.389+- 0.258	0.202+- 0.080	< 0.011+- 0.050
072	861122	<	0.034+- 0.095	1.444+- 0.082	0.595+- 0.024	< 0.077+- 0.118	< 0.050+- 0.050
072	861128		0.372+- 0.097	2.890+- 0.164	5.725+- 0.231	0.374+- 0.103	0.090+- 0.030
072	861204		0.697+- 0.152	4.482+- 0.255	12.563+- 0.506	0.491+- 0.121	0.091+- 0.030
072	861210		0.944+- 0.195	3.532+- 0.201	5.704+- 0.230	1.584+- 0.304	0.065+- 0.022
072	861216		0.445+- 0.109	4.559+- 0.259	3.808+- 0.153	0.689+- 0.152	0.090+- 0.030
072	861222		0.476+- 0.115	2.779+- 0.158	3.015+- 0.122	< 0.108+- 0.119	< 0.050+- 0.050
072	861228		0.752+- 0.162	3.585+- 0.204	7.969+- 0.321	0.213+- 0.083	< 0.051+- 0.051

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	AL	SI	P	S	CL	K
072	860102	0.1241+0.0211	0.2031+0.0303	0.0846+0.0184	3.0384+0.2514	0.3314+0.0380	0.1148+0.0143
072	860108	0.2660+0.0383	0.5445+0.0781	0.0622+0.0138	0.5517+0.0753	0.3304+0.0365	0.1993+0.0197
072	860114	0.1310+0.0214	0.2166+0.0320	0.0467+0.0108	1.1439+0.1076	0.0558+0.0213	0.1166+0.0141
072	860120	0.1256+0.0210	0.1601+0.0242	0.0749+0.0165	3.1031+0.2515	0.1126+0.0249	0.0833+0.0121
072	860126	0.1284+0.0215	0.2490+0.0366	0.0311+0.0081	0.5478+0.0708	0.0902+0.0236	0.1201+0.0146
072	860201	0.1121+0.0197	0.0799+0.0136	0.0432+0.0102	1.3027+0.1185	0.4571+0.0453	0.0845+0.0123
072	860207	0.0996+0.0181	0.1600+0.0242	0.0393+0.0095	0.5813+0.0768	0.5290+0.0502	0.1125+0.0139
072	860213	0.0607+0.0137	0.0780+0.0132	0.0373+0.0090	0.5664+0.0656	0.1520+0.0246	0.0658+0.0108
072	860219	0.0503+0.0139	0.0505+0.0106	0.0190+0.0063	0.4998+0.0657	0.6949+0.0630	0.0461+0.0108
072	860225	0.2089+0.0316	0.3345+0.0487	0.0786+0.0173	2.1831+0.1861	0.3728+0.0414	0.1330+0.0160
072	860303	0.1785+0.0274	0.1640+0.0249	0.0700+0.0155	3.1760+0.2577	0.0100+0.0218	0.0716+0.0116
072	860309	0.0520+0.0133	0.0895+0.0149	0.0292+0.0078	0.4387+0.0596	0.5097+0.0489	0.0677+0.0113
072	860315	0.0987+0.0183	0.0684+0.0125	0.0217+0.0067	0.4145+0.0610	0.2497+0.0319	0.0836+0.0126
072	860321	0.1339+0.0219	0.2832+0.0413	0.0538+0.0122	0.9105+0.0922	0.0833+0.0228	0.1086+0.0137
072	860327	0.2770+0.0400	0.3876+0.0562	0.1636+0.0347	7.1045+0.5582	0.0225+0.0271	0.1580+0.0174
072	860402	0.1290+0.0214	0.3230+0.0459	0.0000+0.0073	0.8395+0.0821	0.2875+0.0335	0.1086+0.0138
072	860408	0.0732+0.0158	0.1132+0.0177	0.0000+0.0083	0.8841+0.0846	0.1030+0.0242	0.0795+0.0120
072	860414	0.1146+0.0202	0.2503+0.0360	0.0000+0.0082	1.2914+0.1114	0.0421+0.0233	0.1034+0.0137
072	860420	0.2539+0.0359	0.4393+0.0616	0.0258+0.0130	1.0572+0.0962	0.0190+0.0214	0.0996+0.0128
072	860426	0.1528+0.0233	0.3209+0.0453	0.0000+0.0109	1.7977+0.1403	0.0830+0.0215	0.1198+0.0135
072	860502	0.2586+0.0365	0.5539+0.0774	0.0144+0.0073	1.4270+0.1181	0.0961+0.0240	0.1701+0.0171
072	860508	0.1243+0.0209	0.2447+0.0352	0.0000+0.0073	1.2658+0.1087	0.0312+0.0219	0.1303+0.0149
072	860514	0.1361+0.0218	0.2152+0.0311	0.0000+0.0138	2.5740+0.1932	0.0459+0.0225	0.1085+0.0134
072	860520	0.1845+0.0272	0.3284+0.0465	0.0129+0.0066	3.5574+0.2603	0.0076+0.0215	0.1260+0.0143
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.1460+0.0228	0.2448+0.0350	0.0094+0.0060	2.5914+0.1943	0.0503+0.0223	0.1487+0.0157
072	860619	0.1630+0.0247	0.2587+0.0369	0.0000+0.0126	1.8586+0.1449	0.0257+0.0205	0.1408+0.0151
072	860625	0.3066+0.0423	0.3926+0.0553	0.0000+0.0244	5.9887+0.4266	0.0000+0.0237	0.1204+0.0140



FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	AL	SI	P	S	CL	K
072	860701	0.2145+0.0312	0.2724+0.0389	0.0000+0.0134	2.2048+0.1695	0.0499+0.0230	0.1347+0.0150
072	860707	0.1036+0.0179	0.2238+0.0322	0.0000+0.0100	1.3409+0.1111	0.0756+0.0219	0.1002+0.0127
072	860713	0.1607+0.0244	0.1906+0.0277	0.0000+0.0166	3.3612+0.2465	0.0123+0.0219	0.4442+0.0349
072	860719	0.1478+0.0224	0.2374+0.0339	0.0134+0.0068	1.7823+0.1391	0.0646+0.0209	0.1188+0.0134
072	860725	0.0962+0.0164	0.1423+0.0211	0.0000+0.0084	1.3346+0.1088	0.0007+0.0181	0.0778+0.0108
072	860731	0.3240+0.0441	0.3486+0.0491	0.0196+0.0099	7.4253+0.5265	0.0000+0.0236	0.1172+0.0134
072	860806	0.1895+0.0273	0.2356+0.0337	0.0000+0.0183	4.5660+0.3295	0.0000+0.0204	0.0906+0.0116
072	860812	0.1546+0.0234	0.2471+0.0352	0.0000+0.0156	3.6621+0.2674	0.0000+0.0208	0.1224+0.0137
072	860818	0.1660+0.0249	0.2872+0.0407	0.0053+0.0056	2.2141+0.1692	0.0118+0.0209	0.2538+0.0220
072	860824	0.1477+0.0226	0.2548+0.0363	0.0000+0.0139	3.2897+0.2422	0.0000+0.0202	0.1480+0.0153
072	860830	0.1089+0.0180	0.1805+0.0262	0.0000+0.0129	2.2486+0.1707	0.0112+0.0195	0.1049+0.0125
072	860905	0.2172+0.0309	0.2724+0.0387	0.0057+0.0059	4.8230+0.3465	0.0000+0.0217	0.2115+0.0192
072	860911	0.2259+0.0317	0.1982+0.0285	0.0000+0.0140	2.5542+0.1898	0.0189+0.0191	0.1440+0.0146
072	860917	0.1519+0.0225	0.2372+0.0337	0.0000+0.0104	1.0013+0.0878	0.0958+0.0205	0.1065+0.0122
072	860923	0.0895+0.0164	0.1234+0.0187	0.0000+0.0063	0.9862+0.0876	0.0901+0.0224	0.0871+0.0119
072	860929	0.1149+0.0192	0.1765+0.0258	0.0185+0.0117	1.4802+0.1219	0.0628+0.0221	0.1588+0.0161
072	861005	0.1381+0.0217	0.2006+0.0290	0.0259+0.0134	1.3424+0.1132	0.0387+0.0214	0.1180+0.0135
072	861011	0.1158+0.0192	0.1306+0.0197	0.0000+0.0093	1.7946+0.1410	0.0193+0.0208	0.0972+0.0125
072	861017	0.1598+0.0243	0.2654+0.0378	0.0000+0.0141	2.3776+0.1811	0.0144+0.0212	0.1570+0.0161
072	861023	0.2106+0.0303	0.3166+0.0448	0.0000+0.0140	2.4624+0.1866	0.0747+0.0230	0.1807+0.0175
072	861029	0.1986+0.0286	0.2615+0.0372	0.0053+0.0053	2.9455+0.2185	0.1651+0.0263	0.1688+0.0164
072	861104	0.1513+0.0243	0.2866+0.0410	0.0104+0.0064	1.6636+0.1354	0.0490+0.0253	0.1698+0.0177
072	861110	0.2509+0.0354	0.4518+0.0634	0.0105+0.0060	0.7776+0.0813	0.1572+0.0266	0.1730+0.0172
072	861116	0.1327+0.0209	0.2010+0.0289	0.0187+0.0094	1.6032+0.1292	0.0739+0.0214	0.1678+0.0162
072	861122	0.1584+0.0246	0.2889+0.0412	0.0070+0.0057	0.6509+0.0723	0.0070+0.0224	0.1242+0.0147
072	861128	0.1489+0.0228	0.2017+0.0291	0.0269+0.0135	1.1415+0.0996	0.0422+0.0202	0.1827+0.0173
072	861204	0.2248+0.0322	0.3637+0.0512	0.0222+0.0111	1.9929+0.1558	0.6917+0.0578	0.1907+0.0180
072	861210	0.2265+0.0323	0.3642+0.0512	0.0069+0.0060	1.5326+0.1268	0.7506+0.0612	0.2457+0.0213
072	861216	0.1523+0.0235	0.2281+0.0326	0.0000+0.0167	1.9229+0.1496	0.3598+0.0364	0.2645+0.0226
072	861222	0.1411+0.0219	0.1944+0.0281	0.0000+0.0156	1.1512+0.0993	0.3555+0.0357	0.1781+0.0170
072	861228	0.1622+0.0256	0.3969+0.0559	0.0585+0.0294	1.5748+0.1313	0.4946+0.0463	0.3799+0.0308

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	CA	TI	V	CR	MN	FE
072	860102	0.0902+0.0106	0.0236+0.0044	0.0108+0.0030	0.0017+0.0025	0.0200+0.0039	0.1453+0.0137
072	860108	0.1829+0.0169	0.0644+0.0069	0.0100+0.0031	0.0063+0.0026	0.0556+0.0058	0.3897+0.0316
072	860114	0.0986+0.0108	0.0198+0.0040	0.0151+0.0032	0.0052+0.0026	0.0209+0.0038	0.1419+0.0131
072	860120	0.0623+0.0086	0.0053+0.0035	0.0135+0.0031	0.0033+0.0026	0.0164+0.0036	0.0928+0.0097
072	860126	0.1110+0.0119	0.0141+0.0041	0.0055+0.0030	0.0015+0.0027	0.0230+0.0041	0.1578+0.0144
072	860201	0.0485+0.0079	0.0096+0.0038	0.0019+0.0027	0.0052+0.0026	0.0162+0.0037	0.0746+0.0085
072	860207	0.0795+0.0096	0.0186+0.0042	0.0061+0.0028	0.0046+0.0025	0.0208+0.0039	0.1247+0.0119
072	860213	0.0199+0.0060	0.0059+0.0033	0.0008+0.0024	0.0032+0.0024	0.0122+0.0034	0.0463+0.0066
072	860219	0.0473+0.0081	0.0113+0.0042	0.0006+0.0029	0.0021+0.0027	0.0073+0.0037	0.0456+0.0071
072	860225	0.1104+0.0122	0.0291+0.0051	0.0254+0.0042	0.0059+0.0030	0.0312+0.0047	0.2117+0.0185
072	860303	0.0524+0.0081	0.0095+0.0038	0.0080+0.0029	0.0039+0.0026	0.0130+0.0037	0.1174+0.0116
072	860309	0.0648+0.0089	0.0043+0.0035	0.0071+0.0029	0.0062+0.0028	0.0039+0.0033	0.0565+0.0075
072	860315	0.0509+0.0082	0.0082+0.0039	0.0036+0.0028	0.0031+0.0027	0.0114+0.0036	0.0564+0.0076
072	860321	0.1123+0.0119	0.0343+0.0050	0.0067+0.0030	0.0033+0.0025	0.0303+0.0044	0.2271+0.0194
072	860327	0.0854+0.0105	0.0207+0.0044	0.0201+0.0037	0.0048+0.0029	0.0258+0.0043	0.1813+0.0163
072	860402	0.1304+0.0127	0.0234+0.0045	0.0065+0.0030	0.0000+0.0029	0.0135+0.0038	0.1735+0.0146
072	860408	0.0821+0.0097	0.0182+0.0043	0.0012+0.0029	0.0036+0.0029	0.0165+0.0038	0.0928+0.0095
072	860414	0.0826+0.0100	0.0194+0.0045	0.0090+0.0032	0.0000+0.0030	0.0125+0.0040	0.1121+0.0107
072	860420	0.1404+0.0130	0.0235+0.0044	0.0065+0.0030	0.0043+0.0028	0.0166+0.0038	0.1937+0.0157
072	860426	0.1031+0.0106	0.0165+0.0038	0.0062+0.0027	0.0000+0.0024	0.0115+0.0033	0.1077+0.0100
072	860502	0.2258+0.0186	0.0362+0.0050	0.0093+0.0031	0.0000+0.0028	0.0108+0.0036	0.2145+0.0171
072	860508	0.1175+0.0119	0.0159+0.0042	0.0088+0.0031	0.0000+0.0027	0.0123+0.0037	0.1019+0.0100
072	860514	0.1018+0.0108	0.0193+0.0043	0.0071+0.0030	0.0000+0.0027	0.0108+0.0036	0.0908+0.0092
072	860520	0.1203+0.0118	0.0191+0.0041	0.0082+0.0030	0.0001+0.0027	0.0061+0.0035	0.1212+0.0111
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.0911+0.0101	0.0048+0.0034	0.0091+0.0030	0.0010+0.0027	0.0070+0.0034	0.1090+0.0103
072	860619	0.1015+0.0105	0.0111+0.0036	0.0083+0.0028	0.0095+0.0029	0.0135+0.0036	0.1130+0.0104
072	860625	0.0959+0.0104	0.0199+0.0043	0.0064+0.0030	0.0000+0.0027	0.0124+0.0036	0.2476+0.0193

FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	CA	TI	V	CR	MN	FE
072	860701	0.1177+0.0117	0.0170+0.0041	0.0108+0.0032	0.0024+0.0028	0.0105+0.0036	0.1395+0.0123
072	860707	0.0855+0.0095	0.0098+0.0036	0.0083+0.0029	0.0007+0.0027	0.0098+0.0035	0.1145+0.0106
072	860713	0.0485+0.0082	0.0103+0.0037	0.0144+0.0032	0.0034+0.0027	0.0051+0.0034	0.0708+0.0079
072	860719	0.1015+0.0105	0.0159+0.0036	0.0113+0.0028	0.0031+0.0024	0.0109+0.0033	0.0988+0.0094
072	860725	0.0485+0.0074	0.0096+0.0033	0.0075+0.0025	0.0006+0.0022	0.0056+0.0030	0.0765+0.0079
072	860731	0.0974+0.0104	0.0245+0.0041	0.0153+0.0030	0.0028+0.0025	0.0088+0.0033	0.1447+0.0124
072	860806	0.0845+0.0095	0.0104+0.0034	0.0108+0.0027	0.0009+0.0024	0.0064+0.0030	0.1145+0.0104
072	860812	0.0959+0.0103	0.0128+0.0036	0.0094+0.0028	0.0032+0.0025	0.0065+0.0033	0.1025+0.0097
072	860818	0.0987+0.0108	0.0269+0.0043	0.0129+0.0030	0.0028+0.0025	0.0131+0.0034	0.1488+0.0127
072	860824	0.0784+0.0094	0.0162+0.0038	0.0056+0.0027	0.0015+0.0024	0.0068+0.0033	0.0901+0.0089
072	860830	0.0629+0.0084	0.0099+0.0034	0.0105+0.0027	0.0052+0.0025	0.0087+0.0031	0.0675+0.0075
072	860905	0.0796+0.0094	0.0210+0.0039	0.0137+0.0030	0.0007+0.0024	0.0110+0.0033	0.1024+0.0097
072	860911	0.0644+0.0083	0.0108+0.0032	0.0061+0.0025	0.0039+0.0023	0.0095+0.0031	0.0748+0.0078
072	860917	0.0951+0.0098	0.0143+0.0033	0.0115+0.0025	0.0020+0.0022	0.0093+0.0028	0.1292+0.0111
072	860923	0.0600+0.0084	0.0166+0.0039	0.0025+0.0026	0.0007+0.0025	0.0067+0.0032	0.0792+0.0084
072	860929	0.0804+0.0095	0.0144+0.0038	0.0132+0.0030	0.0000+0.0025	0.0138+0.0035	0.1238+0.0111
072	861005	0.0902+0.0101	0.0140+0.0037	0.0115+0.0030	0.0060+0.0027	0.0150+0.0036	0.1480+0.0127
072	861011	0.0387+0.0075	0.0072+0.0036	0.0077+0.0028	0.0000+0.0025	0.0078+0.0034	0.0757+0.0082
072	861017	0.0723+0.0091	0.0303+0.0047	0.0102+0.0030	0.0025+0.0025	0.0208+0.0038	0.2521+0.0196
072	861023	0.1063+0.0111	0.0208+0.0041	0.0077+0.0028	0.0062+0.0027	0.0101+0.0034	0.1667+0.0139
072	861029	0.0878+0.0097	0.0216+0.0040	0.0156+0.0030	0.0034+0.0024	0.0175+0.0035	0.1388+0.0119
072	861104	0.1183+0.0125	0.0207+0.0047	0.0188+0.0037	0.0022+0.0031	0.0133+0.0041	0.1829+0.0154
072	861110	0.1764+0.0156	0.0458+0.0055	0.0059+0.0028	0.0062+0.0027	0.0279+0.0042	0.3281+0.0248
072	861116	0.0553+0.0077	0.0137+0.0034	0.0076+0.0025	0.0042+0.0023	0.0254+0.0037	0.1443+0.0122
072	861122	0.0894+0.0105	0.0174+0.0042	0.0061+0.0030	0.0064+0.0030	0.0086+0.0037	0.1681+0.0143
072	861128	0.0790+0.0092	0.0156+0.0036	0.0139+0.0029	0.0055+0.0025	0.0251+0.0037	0.1588+0.0132
072	861204	0.1445+0.0135	0.0526+0.0059	0.0190+0.0034	0.0062+0.0027	0.0315+0.0042	0.2964+0.0225
072	861210	0.1240+0.0119	0.0566+0.0059	0.0190+0.0032	0.0069+0.0025	0.0388+0.0044	0.3015+0.0227
072	861216	0.1133+0.0114	0.0230+0.0040	0.0191+0.0032	0.0051+0.0025	0.0305+0.0041	0.2242+0.0176
072	861222	0.1006+0.0106	0.0261+0.0042	0.0094+0.0027	0.0074+0.0025	0.0223+0.0036	0.1869+0.0151
072	861228	0.0642+0.0092	0.0127+0.0039	0.0091+0.0030	0.0024+0.0029	0.0234+0.0041	0.1489+0.0129

FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	NI	CU	ZN	GA	AS	SE
072	860102	0.0108+0.0026	0.0163+0.0031	0.1120+0.0097	0.0000+0.0019	0.0000+0.0107	0.0000+0.0023
072	860108	0.0072+0.0023	0.0325+0.0039	0.3858+0.0304	0.0000+0.0022	0.0000+0.0199	0.0000+0.0022
072	860114	0.0086+0.0024	0.0076+0.0026	0.0526+0.0052	0.0000+0.0018	0.0028+0.0109	0.0000+0.0022
072	860120	0.0096+0.0025	0.0872+0.0078	0.0991+0.0086	0.0008+0.0018	0.0000+0.0108	0.0014+0.0024
072	860126	0.0031+0.0022	0.1335+0.0112	0.1491+0.0123	0.0000+0.0021	0.0053+0.0137	0.0000+0.0025
072	860201	0.0069+0.0024	0.1949+0.0159	0.1618+0.0134	0.0003+0.0018	0.0124+0.0099	0.0003+0.0024
072	860207	0.0031+0.0022	0.0776+0.0071	1.2649+0.0972	0.0000+0.0028	0.0092+0.0170	0.0022+0.0025
072	860213	0.0056+0.0021	0.0905+0.0080	0.0756+0.0069	0.0018+0.0017	0.0009+0.0075	0.0009+0.0023
072	860219	0.0018+0.0023	0.0782+0.0073	0.0704+0.0066	0.0000+0.0018	0.0087+0.0078	0.0000+0.0026
072	860225	0.0129+0.0030	0.0635+0.0063	0.5984+0.0468	0.0003+0.0026	0.0000+0.0172	0.0030+0.0029
072	860303	0.0082+0.0025	0.0616+0.0060	0.0761+0.0069	0.0000+0.0018	0.0009+0.0086	0.0023+0.0026
072	860309	0.0071+0.0025	0.1350+0.0115	0.0957+0.0085	0.0000+0.0017	0.0077+0.0073	0.0000+0.0024
072	860315	0.0033+0.0024	0.0066+0.0029	0.0145+0.0027	0.0009+0.0018	0.0094+0.0079	0.0000+0.0025
072	860321	0.0066+0.0024	0.0451+0.0048	0.2085+0.0168	0.0016+0.0021	0.0015+0.0124	0.0016+0.0025
072	860327	0.0144+0.0028	0.0547+0.0055	0.1991+0.0162	0.0000+0.0021	0.0008+0.0156	0.0027+0.0027
072	860402	0.0030+0.0024	0.0262+0.0037	0.0541+0.0050	0.0000+0.0020	0.0000+0.0086	0.0024+0.0027
072	860408	0.0006+0.0024	0.0707+0.0063	0.0795+0.0066	0.0000+0.0020	0.0000+0.0105	0.0000+0.0026
072	860414	0.0074+0.0028	0.1626+0.0125	0.1426+0.0111	0.0000+0.0021	0.0000+0.0117	0.0035+0.0027
072	860420	0.0006+0.0024	0.0085+0.0027	0.0443+0.0042	0.0000+0.0021	0.0000+0.0137	0.0009+0.0025
072	860426	0.0042+0.0022	0.0149+0.0028	0.0228+0.0029	0.0009+0.0018	0.0009+0.0079	0.0000+0.0022
072	860502	0.0058+0.0025	0.1152+0.0091	0.1278+0.0099	0.0000+0.0019	0.0000+0.0095	0.0044+0.0027
072	860508	0.0065+0.0026	0.0073+0.0028	0.0285+0.0033	0.0000+0.0020	0.0065+0.0090	0.0003+0.0026
072	860514	0.0091+0.0027	0.1282+0.0099	0.1012+0.0081	0.0000+0.0018	0.0000+0.0088	0.0009+0.0025
072	860520	0.0058+0.0024	0.0143+0.0029	0.0280+0.0033	0.0000+0.0018	0.0000+0.0088	0.0051+0.0026
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.0107+0.0027	0.0250+0.0035	0.0514+0.0047	0.0013+0.0019	0.0021+0.0082	0.0000+0.0024
072	860619	0.0123+0.0027	0.0335+0.0039	0.0507+0.0047	0.0000+0.0018	0.0000+0.0095	0.0047+0.0025
072	860625	0.0067+0.0026	0.0383+0.0041	0.0737+0.0062	0.0000+0.0018	0.0000+0.0085	0.0013+0.0025

FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	NI	CU	ZN	GA	AS	SE
072	860701	0.0214+0.0033	0.0871+0.0073	0.1276+0.0099	0.0000+0.0019	0.0000+0.0103	0.0007+0.0025
072	860707	0.0045+0.0024	0.0168+0.0029	0.1026+0.0082	0.0000+0.0018	0.0000+0.0086	0.0010+0.0024
072	860713	0.0074+0.0024	0.0400+0.0042	0.0528+0.0049	0.0000+0.0016	0.0000+0.0082	0.0024+0.0025
072	860719	0.0122+0.0026	0.0182+0.0029	0.0874+0.0070	0.0007+0.0016	0.0000+0.0087	0.0029+0.0022
072	860725	0.0018+0.0019	0.0348+0.0038	0.0579+0.0051	0.0018+0.0016	0.0000+0.0071	0.0019+0.0022
072	860731	0.0139+0.0026	0.0750+0.0064	0.1449+0.0109	0.0029+0.0018	0.0000+0.0091	0.0028+0.0024
072	860806	0.0087+0.0023	0.0149+0.0028	0.0481+0.0045	0.0037+0.0016	0.0089+0.0070	0.0056+0.0022
072	860812	0.0088+0.0024	0.0350+0.0039	0.0848+0.0069	0.0034+0.0018	0.0028+0.0089	0.0021+0.0024
072	860818	0.0103+0.0025	0.0387+0.0041	0.1164+0.0091	0.0021+0.0018	0.0041+0.0102	0.0041+0.0024
072	860824	0.0058+0.0022	0.0170+0.0029	0.0233+0.0029	0.0007+0.0016	0.0000+0.0071	0.0030+0.0024
072	860830	0.0086+0.0024	0.0452+0.0045	0.0434+0.0042	0.0018+0.0016	0.0100+0.0071	0.0000+0.0022
072	860905	0.0047+0.0022	0.0424+0.0043	0.0843+0.0068	0.0000+0.0016	0.0003+0.0088	0.0024+0.0024
072	860911	0.0253+0.0031	0.0160+0.0027	0.0562+0.0050	0.0012+0.0016	0.0001+0.0076	0.0016+0.0020
072	860917	0.0091+0.0022	0.0716+0.0060	0.1152+0.0088	0.0034+0.0016	0.0000+0.0092	0.0037+0.0021
072	860923	0.0043+0.0022	0.0098+0.0027	0.0418+0.0040	0.0015+0.0018	0.0000+0.0081	0.0004+0.0023
072	860929	0.0132+0.0026	0.0158+0.0029	0.1256+0.0096	0.0024+0.0019	0.0000+0.0127	0.0000+0.0022
072	861005	0.0112+0.0026	0.0405+0.0043	0.1163+0.0090	0.0031+0.0021	0.0000+0.0153	0.0032+0.0024
072	861011	0.0044+0.0022	0.0159+0.0029	0.0468+0.0044	0.0030+0.0018	0.0000+0.0078	0.0013+0.0024
072	861017	0.0074+0.0024	0.0145+0.0029	0.1221+0.0094	0.0000+0.0018	0.0000+0.0108	0.0013+0.0024
072	861023	0.0061+0.0024	0.0404+0.0043	0.1404+0.0107	0.0010+0.0019	0.0000+0.0114	0.0012+0.0024
072	861029	0.0151+0.0027	0.1476+0.0112	0.1582+0.0119	0.0000+0.0018	0.0000+0.0116	0.0004+0.0022
072	861104	0.0125+0.0030	0.1171+0.0094	0.1303+0.0102	0.0028+0.0022	0.0000+0.0128	0.0003+0.0028
072	861110	0.0065+0.0024	0.0701+0.0062	0.2461+0.0179	0.0012+0.0022	0.0154+0.0171	0.0046+0.0025
072	861116	0.0079+0.0022	0.0404+0.0041	0.2404+0.0174	0.0019+0.0020	0.0000+0.0157	0.0060+0.0022
072	861122	0.0036+0.0025	0.0379+0.0043	0.1086+0.0086	0.0033+0.0021	0.0043+0.0108	0.0000+0.0027
072	861128	0.0112+0.0024	0.0224+0.0031	0.0580+0.0051	0.0010+0.0019	0.0000+0.0140	0.0041+0.0022
072	861204	0.0144+0.0027	0.0539+0.0051	0.2120+0.0155	0.0013+0.0021	0.0003+0.0171	0.0031+0.0024
072	861210	0.0100+0.0024	0.0470+0.0045	0.9747+0.0678	0.0012+0.0026	0.0075+0.0190	0.0043+0.0022
072	861216	0.0155+0.0027	0.0693+0.0059	0.1173+0.0090	0.0010+0.0019	0.0000+0.0133	0.0045+0.0024
072	861222	0.0072+0.0022	0.1064+0.0084	0.3172+0.0227	0.0012+0.0019	0.0032+0.0121	0.0000+0.0021
072	861228	0.0046+0.0026	0.0321+0.0039	0.4217+0.0301	0.0012+0.0026	0.0000+0.0180	0.0036+0.0026

FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	BR	RB	SR	Y	ZR	MO
072	860102	0.0500+0.0054	0.0005+0.0042	0.0050+0.0051	0.0104+0.0062	0.0000+0.0248	0.0211+0.0176
072	860108	0.0680+0.0064	0.0028+0.0040	0.0024+0.0048	0.0000+0.0058	0.0000+0.0235	0.0157+0.0167
072	860114	0.0313+0.0041	0.0054+0.0040	0.0058+0.0049	0.0000+0.0058	0.0046+0.0240	0.0082+0.0169
072	860120	0.0354+0.0044	0.0041+0.0042	0.0095+0.0051	0.0000+0.0060	0.0000+0.0246	0.0201+0.0174
072	860126	0.0296+0.0044	0.0000+0.0045	0.0056+0.0054	0.0004+0.0064	0.0061+0.0262	0.0160+0.0185
072	860201	0.0488+0.0053	0.0000+0.0042	0.0072+0.0051	0.0000+0.0061	0.0388+0.0256	0.0087+0.0177
072	860207	0.0390+0.0046	0.0000+0.0042	0.0000+0.0049	0.0000+0.0061	0.0000+0.0246	0.0000+0.0173
072	860213	0.0211+0.0035	0.0000+0.0039	0.0075+0.0048	0.0017+0.0057	0.0000+0.0232	0.0118+0.0165
072	860219	0.0078+0.0037	0.0035+0.0046	0.0012+0.0056	0.0038+0.0067	0.0000+0.0275	0.0000+0.0192
072	860225	0.0404+0.0051	0.0000+0.0047	0.0047+0.0057	0.0000+0.0069	0.0000+0.0282	0.0172+0.0199
072	860303	0.0160+0.0037	0.0059+0.0044	0.0042+0.0053	0.0047+0.0064	0.0083+0.0258	0.0257+0.0183
072	860309	0.0093+0.0034	0.0000+0.0043	0.0085+0.0052	0.0041+0.0062	0.0164+0.0254	0.0047+0.0178
072	860315	0.0227+0.0040	0.0000+0.0045	0.0042+0.0054	0.0072+0.0066	0.0000+0.0266	0.0165+0.0189
072	860321	0.0288+0.0041	0.0000+0.0042	0.0000+0.0051	0.0019+0.0061	0.0261+0.0251	0.0000+0.0175
072	860327	0.0441+0.0052	0.0000+0.0045	0.0011+0.0054	0.0032+0.0067	0.0000+0.0267	0.0112+0.0189
072	860402	0.0156+0.0039	0.0000+0.0047	0.0024+0.0056	0.0000+0.0067	0.0000+0.0276	0.0065+0.0191
072	860408	0.0224+0.0040	0.0000+0.0047	0.0048+0.0056	0.0000+0.0066	0.0000+0.0272	0.0123+0.0189
072	860414	0.0285+0.0045	0.0000+0.0049	0.0064+0.0058	0.0032+0.0070	0.0000+0.0285	0.0103+0.0199
072	860420	0.0330+0.0044	0.0000+0.0044	0.0056+0.0053	0.0000+0.0065	0.0094+0.0263	0.0026+0.0182
072	860426	0.0198+0.0035	0.0000+0.0040	0.0000+0.0048	0.0000+0.0057	0.0301+0.0237	0.0180+0.0164
072	860502	0.0208+0.0040	0.0000+0.0044	0.0000+0.0053	0.0000+0.0065	0.0000+0.0268	0.0365+0.0189
072	860508	0.0162+0.0039	0.0000+0.0046	0.0002+0.0055	0.0000+0.0065	0.0000+0.0270	0.0082+0.0188
072	860514	0.0128+0.0036	0.0000+0.0045	0.0010+0.0053	0.0006+0.0065	0.0000+0.0269	0.0254+0.0186
072	860520	0.0132+0.0035	0.0000+0.0043	0.0021+0.0051	0.0000+0.0061	0.0281+0.0257	0.0126+0.0178
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.0086+0.0034	0.0000+0.0043	0.0007+0.0052	0.0000+0.0063	0.0222+0.0259	0.0000+0.0179
072	860619	0.0162+0.0035	0.0000+0.0042	0.0047+0.0050	0.0000+0.0061	0.0123+0.0249	0.0212+0.0174
072	860625	0.0130+0.0036	0.0000+0.0045	0.0000+0.0052	0.0000+0.0064	0.0000+0.0263	0.0256+0.0184

FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	BR	RB	SR	Y	ZR	MO
072	860701	0.0233+0.0040	0.0000+0.0045	0.0058+0.0055	0.0024+0.0066	0.0463+0.0273	0.0193+0.0188
072	860707	0.0109+0.0035	0.0043+0.0043	0.0091+0.0051	0.0000+0.0061	0.0303+0.0252	0.0000+0.0176
072	860713	0.0175+0.0037	0.0058+0.0043	0.0065+0.0052	0.0117+0.0063	0.0000+0.0262	0.0077+0.0177
072	860719	0.0162+0.0035	0.0004+0.0038	0.0075+0.0047	0.0112+0.0058	0.0000+0.0234	0.0258+0.0163
072	860725	0.0093+0.0031	0.0009+0.0037	0.0000+0.0046	0.0049+0.0056	0.0411+0.0226	0.0199+0.0158
072	860731	0.0153+0.0035	0.0000+0.0040	0.0072+0.0049	0.0004+0.0059	0.0000+0.0237	0.0227+0.0167
072	860806	0.0080+0.0031	0.0050+0.0039	0.0044+0.0046	0.0037+0.0056	0.0000+0.0229	0.0010+0.0158
072	860812	0.0186+0.0036	0.0102+0.0042	0.0025+0.0049	0.0035+0.0059	0.0000+0.0242	0.0019+0.0165
072	860818	0.0230+0.0038	0.0003+0.0041	0.0103+0.0050	0.0029+0.0060	0.0000+0.0246	0.0124+0.0171
072	860824	0.0139+0.0035	0.0033+0.0040	0.0058+0.0049	0.0055+0.0059	0.0000+0.0242	0.0000+0.0167
072	860830	0.0155+0.0033	0.0019+0.0038	0.0053+0.0047	0.0000+0.0058	0.0000+0.0233	0.0220+0.0163
072	860905	0.0236+0.0037	0.0050+0.0040	0.0059+0.0049	0.0001+0.0059	0.0000+0.0241	0.0085+0.0166
072	860911	0.0153+0.0033	0.0042+0.0036	0.0082+0.0045	0.0025+0.0054	0.0000+0.0224	0.0172+0.0153
072	860917	0.0218+0.0034	0.0082+0.0035	0.0054+0.0042	0.0080+0.0051	0.0000+0.0210	0.0000+0.0142
072	860923	0.0227+0.0038	0.0023+0.0041	0.0021+0.0050	0.0000+0.0060	0.0277+0.0247	0.0000+0.0172
072	860929	0.0413+0.0046	0.0000+0.0041	0.0025+0.0050	0.0070+0.0061	0.0000+0.0246	0.0335+0.0174
072	861005	0.0363+0.0045	0.0004+0.0041	0.0065+0.0050	0.0000+0.0060	0.0000+0.0246	0.0072+0.0171
072	861011	0.0195+0.0038	0.0043+0.0041	0.0080+0.0052	0.0000+0.0062	0.0464+0.0253	0.0000+0.0177
072	861017	0.0319+0.0043	0.0000+0.0042	0.0036+0.0050	0.0000+0.0062	0.0000+0.0251	0.0000+0.0178
072	861023	0.0309+0.0041	0.0062+0.0042	0.0076+0.0051	0.0022+0.0061	0.0479+0.0247	0.0189+0.0172
072	861029	0.0306+0.0039	0.0000+0.0038	0.0075+0.0047	0.0000+0.0056	0.0344+0.0230	0.0094+0.0160
072	861104	0.0368+0.0049	0.0039+0.0051	0.0061+0.0061	0.0000+0.0075	0.0201+0.0300	0.0253+0.0212
072	861110	0.0509+0.0052	0.0021+0.0043	0.0077+0.0052	0.0000+0.0064	0.0000+0.0259	0.0342+0.0182
072	861116	0.0592+0.0054	0.0000+0.0038	0.0052+0.0045	0.0000+0.0055	0.0000+0.0222	0.0000+0.0156
072	861122	0.0160+0.0041	0.0091+0.0048	0.0157+0.0058	0.0025+0.0070	0.0183+0.0281	0.0012+0.0196
072	861128	0.0515+0.0050	0.0035+0.0038	0.0081+0.0047	0.0078+0.0058	0.0303+0.0226	0.0058+0.0158
072	861204	0.0682+0.0061	0.0009+0.0041	0.0096+0.0050	0.0000+0.0060	0.0000+0.0242	0.0233+0.0170
072	861210	0.0851+0.0070	0.0000+0.0040	0.0057+0.0046	0.0000+0.0056	0.0094+0.0220	0.0162+0.0156
072	861216	0.0798+0.0067	0.0045+0.0041	0.0032+0.0047	0.0001+0.0057	0.0087+0.0227	0.0110+0.0160
072	861222	0.0572+0.0053	0.0000+0.0038	0.0043+0.0046	0.0000+0.0056	0.0274+0.0225	0.0118+0.0158
072	861228	0.0763+0.0068	0.0010+0.0046	0.0046+0.0054	0.0045+0.0068	0.0321+0.0267	0.0000+0.0187

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	PD	AG	CD	IN	SN	SB
072	860102	0.0149+0.0158	0.0180+0.0213	0.0177+0.0278	0.0293+0.0351	0.0000+0.0415	0.0243+0.0930
072	860108	0.0000+0.0147	0.0000+0.0198	0.0027+0.0262	0.0139+0.0331	0.0536+0.0404	0.0886+0.0896
072	860114	0.0057+0.0151	0.0121+0.0204	0.0012+0.0267	0.0237+0.0339	0.0562+0.0411	0.0781+0.0909
072	860120	0.0000+0.0153	0.0000+0.0206	0.0000+0.0269	0.0000+0.0341	0.0000+0.0411	0.0495+0.0925
072	860126	0.0000+0.0160	0.0037+0.0221	0.0254+0.0295	0.0000+0.0363	0.0373+0.0445	0.0000+0.0973
072	860201	0.0328+0.0166	0.0096+0.0214	0.0021+0.0280	0.0018+0.0352	0.0000+0.0423	0.0000+0.0935
072	860207	0.0000+0.0153	0.0016+0.0208	0.0342+0.0281	0.0013+0.0345	0.0048+0.0415	0.0807+0.0936
072	860213	0.0002+0.0146	0.0151+0.0199	0.0059+0.0259	0.0000+0.0321	0.0327+0.0396	0.0380+0.0877
072	860219	0.0158+0.0175	0.0071+0.0233	0.0078+0.0306	0.0000+0.0382	0.0000+0.0459	0.0000+0.1018
072	860225	0.0000+0.0175	0.0000+0.0235	0.0315+0.0317	0.0208+0.0395	0.0000+0.0470	0.0000+0.1047
072	860303	0.0059+0.0162	0.0000+0.0215	0.0357+0.0292	0.0332+0.0365	0.0267+0.0437	0.1124+0.0983
072	860309	0.0112+0.0161	0.0000+0.0211	0.0134+0.0283	0.0061+0.0354	0.0000+0.0422	0.1046+0.0963
072	860315	0.0000+0.0166	0.0000+0.0223	0.0558+0.0307	0.0073+0.0374	0.0272+0.0451	0.0000+0.0989
072	860321	0.0299+0.0164	0.0004+0.0211	0.0000+0.0278	0.0000+0.0349	0.0666+0.0430	0.0000+0.0926
072	860327	0.0119+0.0169	0.0000+0.0224	0.0000+0.0298	0.0192+0.0376	0.0378+0.0455	0.0292+0.1005
072	860402	0.0117+0.0174	0.0000+0.0232	0.0000+0.0312	0.0000+0.0387	0.0015+0.0464	0.0000+0.1045
072	860408	0.0117+0.0173	0.0000+0.0234	0.0000+0.0303	0.0042+0.0384	0.0000+0.0452	0.0000+0.1021
072	860414	0.0062+0.0179	0.0000+0.0244	0.0000+0.0320	0.0000+0.0402	0.0117+0.0483	0.0000+0.1086
072	860420	0.0015+0.0165	0.0000+0.0224	0.0000+0.0291	0.0000+0.0369	0.0000+0.0441	0.0000+0.0983
072	860426	0.0186+0.0151	0.0118+0.0204	0.0000+0.0263	0.0000+0.0329	0.0000+0.0393	0.0000+0.0888
072	860502	0.0299+0.0174	0.0000+0.0231	0.0000+0.0301	0.0000+0.0375	0.0000+0.0449	0.0000+0.1002
072	860508	0.0009+0.0168	0.0000+0.0231	0.0000+0.0302	0.0140+0.0382	0.0000+0.0453	0.0352+0.1031
072	860514	0.0189+0.0169	0.0000+0.0227	0.0000+0.0291	0.0061+0.0373	0.0000+0.0445	0.0000+0.1000
072	860520	0.0073+0.0161	0.0073+0.0221	0.0000+0.0287	0.0429+0.0365	0.0066+0.0429	0.0000+0.0955
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.0182+0.0165	0.0000+0.0216	0.0000+0.0287	0.0000+0.0359	0.0000+0.0432	0.0000+0.0965
072	860619	0.0199+0.0160	0.0053+0.0217	0.0000+0.0282	0.0258+0.0353	0.0000+0.0418	0.0000+0.0945
072	860625	0.0234+0.0170	0.0000+0.0222	0.0000+0.0296	0.0000+0.0369	0.0100+0.0444	0.0417+0.1002



## FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	PD	AG	CD	IN	SN	SB
072	860701	0.0309+0.0175	0.0000+0.0230	0.0000+0.0303	0.0158+0.0381	0.0060+0.0453	0.0000+0.1019
072	860707	0.0000+0.0153	0.0000+0.0213	0.0158+0.0286	0.0248+0.0356	0.0120+0.0421	0.0000+0.0933
072	860713	0.0010+0.0162	0.0097+0.0216	0.0210+0.0287	0.0485+0.0362	0.0540+0.0426	0.1084+0.0941
072	860719	0.0253+0.0155	0.0016+0.0194	0.0000+0.0260	0.0376+0.0329	0.0000+0.0398	0.0000+0.0889
072	860725	0.0000+0.0141	0.0144+0.0192	0.0000+0.0252	0.0038+0.0315	0.0413+0.0382	0.1583+0.0864
072	860731	0.0049+0.0152	0.0001+0.0198	0.0162+0.0268	0.0523+0.0340	0.0774+0.0408	0.0000+0.0873
072	860806	0.0059+0.0147	0.0127+0.0194	0.0000+0.0250	0.0302+0.0323	0.0201+0.0383	0.0000+0.0883
072	860812	0.0004+0.0153	0.0000+0.0198	0.0100+0.0270	0.0397+0.0340	0.0718+0.0410	0.0000+0.0913
072	860818	0.0000+0.0153	0.0325+0.0212	0.0000+0.0275	0.0371+0.0349	0.0000+0.0425	0.0845+0.0921
072	860824	0.0000+0.0153	0.0176+0.0206	0.0000+0.0271	0.0000+0.0338	0.0270+0.0408	0.0016+0.0894
072	860830	0.0064+0.0149	0.0000+0.0194	0.0000+0.0257	0.0000+0.0322	0.0652+0.0399	0.1141+0.0878
072	860905	0.0034+0.0153	0.0142+0.0201	0.0000+0.0266	0.0172+0.0334	0.0032+0.0398	0.0861+0.0891
072	860911	0.0022+0.0140	0.0141+0.0185	0.0000+0.0245	0.0304+0.0310	0.0338+0.0370	0.1283+0.0831
072	860917	0.0269+0.0139	0.0178+0.0177	0.0096+0.0232	0.0000+0.0298	0.0584+0.0354	0.0000+0.0797
072	860923	0.0103+0.0160	0.0136+0.0210	0.0167+0.0280	0.0000+0.0356	0.0361+0.0418	0.0984+0.0931
072	860929	0.0053+0.0159	0.0000+0.0204	0.0000+0.0276	0.0000+0.0339	0.0000+0.0422	0.0000+0.0938
072	861005	0.0000+0.0155	0.0140+0.0209	0.0119+0.0278	0.0196+0.0346	0.0745+0.0422	0.0827+0.0922
072	861011	0.0000+0.0158	0.0105+0.0213	0.0000+0.0282	0.0025+0.0353	0.0000+0.0421	0.1389+0.0955
072	861017	0.0050+0.0162	0.0000+0.0206	0.0217+0.0285	0.0001+0.0350	0.0463+0.0425	0.1705+0.0956
072	861023	0.0125+0.0160	0.0086+0.0208	0.0401+0.0284	0.0289+0.0349	0.0720+0.0423	0.1870+0.0947
072	861029	0.0057+0.0149	0.0112+0.0196	0.0128+0.0260	0.0029+0.0322	0.0263+0.0388	0.0513+0.0859
072	861104	0.0021+0.0194	0.0000+0.0252	0.0000+0.0338	0.0121+0.0423	0.0140+0.0507	0.0000+0.1112
072	861110	0.0000+0.0160	0.0147+0.0217	0.0025+0.0288	0.0000+0.0353	0.0629+0.0437	0.1060+0.0990
072	861116	0.0048+0.0141	0.0156+0.0188	0.0044+0.0248	0.0295+0.0312	0.0639+0.0379	0.0370+0.0820
072	861122	0.0091+0.0183	0.0031+0.0238	0.0000+0.0316	0.0000+0.0394	0.0425+0.0479	0.0229+0.1047
072	861128	0.0215+0.0151	0.0084+0.0192	0.0000+0.0252	0.0081+0.0317	0.0000+0.0390	0.0471+0.0844
072	861204	0.0109+0.0156	0.0000+0.0199	0.0000+0.0270	0.0404+0.0344	0.0647+0.0414	0.1713+0.0926
072	861210	0.0072+0.0144	0.0122+0.0190	0.0046+0.0251	0.0162+0.0315	0.0000+0.1200	0.0770+0.0837
072	861216	0.0104+0.0150	0.0152+0.0195	0.0057+0.0260	0.0048+0.0323	0.0494+0.0392	0.1227+0.0873
072	861222	0.0091+0.0146	0.0000+0.0187	0.0257+0.0257	0.0168+0.0317	0.0000+0.0391	0.0952+0.0849
072	861228	0.0000+0.0166	0.0052+0.0229	0.0000+0.0303	0.0000+0.0373	0.0000+0.0454	0.0000+0.1023

FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	BA	LA	HG	PB
072	860102	0.0000+0.1687	0.3282+0.3135	0.0000+0.0026	0.1391+0.0162
072	860108	0.0698+0.1614	0.3454+0.2985	0.0010+0.0027	0.3290+0.0283
072	860114	0.0000+0.1631	0.3407+0.3036	0.0000+0.0027	0.1448+0.0162
072	860120	0.2689+0.1709	0.0486+0.3072	0.0017+0.0029	0.1423+0.0162
072	860126	0.0000+0.1777	0.0000+0.3259	0.0013+0.0030	0.1994+0.0201
072	860201	0.0000+0.1719	0.0000+0.3138	0.0015+0.0028	0.1163+0.0149
072	860207	0.1221+0.1697	0.0351+0.3087	0.0042+0.0030	0.2690+0.0243
072	860213	0.2005+0.1615	0.0360+0.2916	0.0027+0.0027	0.0652+0.0119
072	860219	0.1874+0.1895	0.0000+0.3431	0.0018+0.0032	0.0394+0.0128
072	860225	0.0000+0.1908	0.4279+0.3558	0.0000+0.0030	0.2656+0.0249
072	860303	0.0000+0.1757	0.0000+0.3215	0.0003+0.0029	0.0851+0.0138
072	860309	0.2903+0.1763	0.0000+0.3161	0.0002+0.0029	0.0428+0.0120
072	860315	0.0904+0.1827	0.2685+0.3359	0.0000+0.0030	0.0552+0.0128
072	860321	0.1138+0.1719	0.1480+0.3140	0.0061+0.0032	0.1752+0.0183
072	860327	0.1367+0.1842	0.0000+0.3348	0.0008+0.0030	0.2383+0.0228
072	860402	0.0000+0.1856	0.3213+0.3399	0.0000+0.0030	0.0769+0.0137
072	860408	0.0419+0.1834	0.3036+0.3352	0.0000+0.0030	0.1261+0.0155
072	860414	0.0958+0.1932	0.0000+0.3555	0.0000+0.0033	0.1484+0.0171
072	860420	0.0000+0.1813	0.4866+0.3263	0.0000+0.0031	0.2015+0.0190
072	860426	0.0000+0.1610	0.4759+0.2917	0.0013+0.0028	0.0784+0.0122
072	860502	0.2332+0.1824	0.5084+0.3322	0.0000+0.0031	0.1044+0.0144
072	860508	0.0000+0.1815	0.0400+0.3302	0.0000+0.0032	0.0877+0.0139
072	860514	0.0000+0.1774	0.0000+0.3227	0.0037+0.0033	0.0849+0.0135
072	860520	0.2131+0.1737	0.4214+0.3156	0.0007+0.0030	0.0954+0.0136
072	860526	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860601	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860607	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
072	860613	0.2382+0.1759	0.4416+0.3192	0.0000+0.0030	0.0726+0.0128
072	860619	0.1602+0.1690	0.4927+0.3094	0.0000+0.0028	0.1123+0.0141
072	860625	0.0000+0.1761	0.3991+0.3246	0.0022+0.0031	0.0805+0.0132

FINE PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	BA	LA	HG	PB
072	860701	0.3086+0.1845	0.0560+0.3288	0.0003+0.0031	0.1238+0.0152
072	860707	0.2545+0.1709	0.3308+0.3083	0.0000+0.0030	0.0916+0.0132
072	860713	0.1283+0.1714	0.1119+0.3119	0.0001+0.0028	0.0728+0.0127
072	860719	0.0000+0.1627	0.1207+0.2863	0.0000+0.0028	0.1019+0.0132
072	860725	0.0000+0.1550	0.3328+0.2813	0.0006+0.0027	0.0620+0.0114
072	860731	0.2525+0.1658	0.1203+0.2928	0.0028+0.0030	0.1134+0.0139
072	860806	0.1157+0.1578	0.4083+0.2854	0.0018+0.0028	0.0533+0.0112
072	860812	0.2736+0.1675	0.0000+0.3009	0.0025+0.0030	0.1027+0.0136
072	860818	0.0000+0.1725	0.0000+0.3015	0.0031+0.0031	0.1305+0.0150
072	860824	0.1932+0.1684	0.1843+0.2998	0.0037+0.0030	0.0520+0.0118
072	860830	0.0452+0.1600	0.1481+0.2873	0.0012+0.0028	0.0561+0.0115
072	860905	0.0000+0.1677	0.2253+0.2947	0.0013+0.0028	0.1037+0.0135
072	860911	0.2849+0.1539	0.0000+0.2782	0.0000+0.0026	0.0789+0.0118
072	860917	0.2063+0.1440	0.3697+0.2580	0.0000+0.0023	0.1260+0.0135
072	860923	0.1306+0.1714	0.1875+0.3066	0.0000+0.0029	0.0788+0.0129
072	860929	0.2103+0.1709	0.0000+0.3011	0.0015+0.0030	0.1911+0.0181
072	861005	0.0000+0.1686	0.4843+0.3086	0.0038+0.0031	0.2431+0.0212
072	861011	0.2519+0.1761	0.2150+0.3123	0.0021+0.0031	0.0659+0.0126
072	861017	0.4332+0.1781	0.0000+0.3076	0.0022+0.0031	0.1474+0.0160
072	861023	0.3123+0.1734	0.4344+0.3086	0.0000+0.0028	0.1637+0.0168
072	861029	0.2737+0.1618	0.1374+0.2849	0.0035+0.0029	0.1690+0.0165
072	861104	0.0000+0.2075	0.0000+0.3723	0.0012+0.0036	0.1748+0.0191
072	861110	0.2380+0.1787	0.3561+0.3191	0.0000+0.0030	0.2737+0.0232
072	861116	0.0000+0.1548	0.0000+0.2783	0.0000+0.0026	0.2572+0.0213
072	861122	0.0679+0.1950	0.4007+0.3522	0.0004+0.0034	0.1331+0.0164
072	861128	0.0124+0.1560	0.1818+0.2811	0.0000+0.0027	0.2219+0.0194
072	861204	0.1667+0.1679	0.0000+0.3040	0.0019+0.0029	0.2790+0.0232
072	861210	0.1343+0.1548	0.3413+0.2786	0.0004+0.0026	0.3202+0.0254
072	861216	0.1566+0.1600	0.0881+0.2843	0.0023+0.0028	0.2056+0.0185
072	861222	0.0454+0.1554	0.5119+0.2840	0.0022+0.0028	0.1826+0.0171
072	861228	0.3506+0.1881	0.1015+0.3279	0.0018+0.0035	0.2933+0.0246

## Part M

Fine Particle Concentrations Measured at  
Hawthorne during 1986

This section contains data on fine particle mass concentration and chemical composition measured during the year 1986 at Hawthorne. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following fine ( $d_p < 2.2 \mu\text{m AD}$ ) aerosol species: fine mass, organic carbon (OC), elemental carbon (EC), total carbon ( $\text{TC} = \text{OC} + \text{EC}$ ),  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{=}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ ,  $\text{Mg}^{++}$ , Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.990 \pm -9.990$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol  $<$  are determined to be below their detection limit. In that case, the nominal measured concentration is reported, but the error bound is set equal to the instrumental detection limit for that sample. Therefore, the reported error is greater than the measured concentration. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol  $<$  has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by  $\text{Cl}^-$ , while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  concentrations were obtained by two methods. In one method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a nylon filter downstream of a Teflon-coated cyclone ( $d_p < 2.2 \mu\text{m AD}$ ) and a MgO-coated diffusion denuder designed to quantitatively remove acid gases from the air stream. Nitrate ion and  $\text{Cl}^-$  samples collected by this method are labeled

with the symbol CD [i.e.  $\text{Cl}^-(\text{CD})$  and  $\text{NO}_3^-(\text{CD})$ ]. In the second method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a polytetrafluoroethylene (PTFE) filter located downstream of the Teflon-coated cyclone alone. Nitrate ion and  $\text{Cl}^-$  collected by this method are specified as  $\text{NO}_3^-$  and  $\text{Cl}^-$ , only. Samples for  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ , and  $\text{Mg}^{++}$  determination also were collected on the PTFE filter downstream of the cyclone separator. Water soluble fine  $\text{Br}^-$  aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
076	860102	54.885+- 3.939	7.19+- 0.69	2.44+- 0.45	9.63+- 0.29	16.143+- .696	13.579+- 0.792
076	860108	24.676+- 3.854	11.43+- 0.89	6.37+- 0.64	17.80+- 0.53	1.449+- .103	0.652+- 0.038
076	860114	-9.900+-9.900	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.900+-9.900	-9.900+-9.900
076	860120	43.495+- 3.893	8.50+- 0.75	1.68+- 0.41	10.18+- 0.31	10.691+- .461	6.388+- 0.372
076	860126	16.563+- 3.863	8.93+- 0.77	2.73+- 0.46	11.66+- 0.35	1.366+- .075	0.652+- 0.038
076	860201	24.665+- 3.904	13.65+- 1.01	3.32+- 0.49	16.97+- 0.51	4.319+- .193	1.717+- 0.100
076	860207	24.589+- 3.879	9.35+- 0.79	4.79+- 0.56	14.13+- 0.42	2.774+- .130	1.900+- 0.111
076	860213	30.659+- 3.916	6.24+- 0.64	3.09+- 0.48	9.33+- 0.28	4.859+- .215	4.472+- 0.261
076	860219	12.685+- 8.446	3.13+- 0.86	< 0.43+- 0.88	< 3.55+- 0.11	.804+- .099	0.686+- 0.040
076	860225	48.189+- 3.877	17.17+- 1.18	5.93+- 0.61	23.10+- 0.69	16.827+- .721	3.724+- 0.217
076	860303	29.323+- 3.893	5.83+- 0.61	1.79+- 0.41	7.63+- 0.23	6.601+- .288	1.538+- 0.090
076	860309	16.604+- 3.912	6.92+- 0.67	1.54+- 0.40	8.46+- 0.25	2.485+- .118	1.717+- 0.100
076	860315	19.501+- 3.905	7.03+- 0.69	2.82+- 0.47	9.85+- 0.30	2.255+- .109	1.184+- 0.069
076	860321	23.502+- 3.824	11.54+- 0.90	5.14+- 0.58	16.68+- 0.50	4.718+- .209	0.733+- 0.043
076	860327	75.546+- 3.961	17.32+- 1.19	3.52+- 0.50	20.83+- 0.63	14.958+- .641	3.450+- 0.201
076	860402	19.179+- 3.891	2.55+- 0.45	0.50+- 0.35	3.05+- 0.09	1.807+- .091	1.246+- 0.073
076	860408	8.310+- 3.873	5.41+- 0.59	2.27+- 0.43	7.68+- 0.23	1.694+- .087	0.841+- 0.049
076	860414	17.375+- 4.052	5.78+- 0.62	< 0.00+- 0.42	< 5.78+- 0.17	3.298+- .209	1.459+- 0.085
076	860420	20.005+- 3.826	9.47+- 0.79	2.53+- 0.45	12.00+- 0.36	2.869+- .186	0.816+- 0.048
076	860426	19.332+- 3.855	7.06+- 0.67	1.58+- 0.40	8.64+- 0.26	4.335+- .236	1.886+- 0.110
076	860502	15.120+- 3.874	6.06+- 0.63	2.13+- 0.43	8.19+- 0.25	4.407+- .238	1.214+- 0.071
076	860508	21.087+- 3.860	5.59+- 0.60	1.66+- 0.40	7.25+- 0.22	5.375+- .274	3.246+- 0.189
076	860514	20.308+- 3.837	3.12+- 0.48	0.91+- 0.37	4.03+- 0.12	3.491+- .207	1.531+- 0.089
076	860520	27.432+- 3.884	4.25+- 0.54	1.07+- 0.38	5.33+- 0.16	3.656+- .215	0.926+- 0.054
076	860526	30.048+- 3.859	4.39+- 0.54	0.88+- 0.37	5.26+- 0.16	3.194+- .197	0.420+- 0.024
076	860601	25.269+- 3.882	4.06+- 0.53	< 0.38+- 0.41	< 4.43+- 0.13	1.988+- .163	0.329+- 0.019
076	860607	17.391+- 3.863	4.07+- 0.53	0.90+- 0.37	4.97+- 0.15	3.724+- .216	1.568+- 0.091
076	860613	16.514+- 3.890	4.54+- 0.55	0.83+- 0.37	5.37+- 0.16	2.533+- .179	1.182+- 0.069
076	860619	17.542+- 3.878	6.01+- 0.62	1.27+- 0.39	7.28+- 0.22	4.214+- .233	2.726+- 0.159
076	860625	26.669+- 3.881	3.29+- 0.49	0.80+- 0.36	4.09+- 0.12	4.545+- .245	1.355+- 0.079

FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
076	860701	15.686+- 3.850	3.33+- 0.49	1.07+- 0.38	4.40+- 0.13	4.206+- .233	2.278+- 0.133
076	860707	5.369+- 3.850	1.25+- 0.39	< 0.26+- 0.40	< 1.51+- 0.05	1.066+- .140	1.094+- 0.064
076	860713	7.817+- 3.876	3.16+- 0.48	0.54+- 0.35	3.70+- 0.11	1.553+- .153	0.348+- 0.020
076	860719	12.167+- 3.833	2.73+- 0.46	1.15+- 0.38	3.88+- 0.12	3.243+- .200	1.984+- 0.116
076	860725	< 3.454+- 4.671	1.30+- 0.39	0.50+- 0.35	1.80+- 0.05	.970+- .141	0.778+- 0.045
076	860731	28.159+- 3.859	2.64+- 0.46	0.82+- 0.37	3.46+- 0.10	3.081+- .196	0.409+- 0.024
076	860806	37.510+- 3.836	4.40+- 0.55	1.73+- 0.41	6.12+- 0.18	3.149+- .198	0.402+- 0.023
076	860812	23.416+- 3.877	2.42+- 0.45	0.70+- 0.36	3.12+- 0.09	2.491+- .177	0.506+- 0.029
076	860818	32.407+- 3.809	9.13+- 0.78	4.00+- 0.52	13.13+- 0.39	6.810+- .331	0.993+- 0.058
076	860824	28.702+- 3.877	4.16+- 0.54	1.70+- 0.41	5.86+- 0.18	4.158+- .232	0.632+- 0.037
076	860830	17.363+- 3.803	3.93+- 0.52	1.42+- 0.40	5.35+- 0.16	4.369+- .239	2.243+- 0.131
076	860905	26.390+- 3.829	6.16+- 0.63	1.34+- 0.39	7.50+- 0.22	3.778+- .217	0.422+- 0.025
076	860911	19.381+- 3.832	3.64+- 0.51	0.77+- 0.36	4.41+- 0.13	3.539+- .210	1.037+- 0.060
076	860917	17.687+- 3.820	7.55+- 0.70	3.11+- 0.48	10.66+- 0.32	4.594+- .246	1.131+- 0.066
076	860923	14.026+- 3.803	4.60+- 0.55	2.06+- 0.43	6.67+- 0.20	2.190+- .166	0.755+- 0.044
076	860929	23.763+- 3.879	7.08+- 0.68	2.53+- 0.45	9.61+- 0.29	5.739+- .288	1.174+- 0.068
076	861005	21.077+- 3.813	8.92+- 0.77	3.79+- 0.51	12.70+- 0.38	3.445+- .206	2.053+- 0.120
076	861011	11.106+- 3.835	2.25+- 0.44	0.43+- 0.35	2.67+- 0.08	1.606+- .152	0.475+- 0.028
076	861017	10.036+- 3.835	4.60+- 0.55	1.89+- 0.42	6.48+- 0.19	3.712+- .214	0.681+- 0.040
076	861023	25.203+- 3.897	6.81+- 0.67	3.23+- 0.49	10.04+- 0.30	6.070+- .301	1.712+- 0.100
076	861029	25.750+- 3.855	7.54+- 0.70	< 0.00+- 0.41	< 7.54+- 0.23	7.942+- .375	2.360+- 0.138
076	861104	19.370+- 3.896	7.46+- 0.70	2.69+- 0.46	10.15+- 0.30	8.513+- .396	2.393+- 0.139
076	861110	19.596+- 3.875	11.69+- 0.91	6.28+- 0.64	17.96+- 0.54	3.740+- .206	1.201+- 0.070
076	861116	55.747+- 3.818	15.74+- 1.11	4.67+- 0.56	20.41+- 0.61	25.484+- 1.104	17.246+- 1.005
076	861122	6.746+- 3.834	2.92+- 0.47	0.87+- 0.37	3.78+- 0.11	.614+- .132	0.248+- 0.014
076	861128	20.984+- 3.856	10.20+- 0.83	4.55+- 0.55	14.75+- 0.44	6.689+- .325	2.085+- 0.122
076	861204	110.031+- 3.993	17.42+- 1.20	8.62+- 0.76	26.04+- 0.78	39.361+- 1.691	41.264+- 2.406
076	861210	66.291+- 3.892	19.50+- 1.30	10.62+- 0.86	30.12+- 0.90	19.928+- .871	14.992+- 0.874
076	861216	64.853+- 3.901	19.66+- 1.31	8.83+- 0.77	28.49+- 0.85	14.912+- .661	11.642+- 0.679
076	861222	38.410+- 3.894	13.46+- 1.00	7.08+- 0.68	20.54+- 0.62	6.239+- .309	3.017+- 0.176
076	861228	91.238+- 4.059	29.24+- 1.80	9.02+- 0.78	38.27+- 1.15	28.441+- 1.230	21.291+- 1.241

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
076	860102	< .502+- .753	0.365+- 0.098	7.177+- 0.408	6.976+- 0.281	0.281+- 0.092	< 0.049+- 0.051
076	860108	< .000+- .743	0.131+- 0.064	0.851+- 0.048	0.301+- 0.012	< 0.000+- 0.121	< 0.048+- 0.051
076	860114	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
076	860120	.520+- .139	0.357+- 0.097	9.400+- 0.534	5.454+- 0.220	0.259+- 0.090	0.145+- 0.049
076	860126	< .000+- .266	< 0.000+- 0.097	0.759+- 0.043	0.260+- 0.010	< 0.000+- 0.121	< 0.031+- 0.051
076	860201	1.249+- .152	0.342+- 0.094	2.331+- 0.132	0.757+- 0.031	0.699+- 0.156	0.090+- 0.030
076	860207	.423+- .138	0.276+- 0.084	1.576+- 0.090	0.716+- 0.029	0.193+- 0.081	0.134+- 0.045
076	860213	1.222+- .151	0.368+- 0.099	1.626+- 0.092	1.809+- 0.073	< 0.000+- 0.124	0.103+- 0.035
076	860219	< .084+- .583	< 0.000+- 0.215	1.530+- 0.087	0.540+- 0.022	< 0.009+- 0.267	< 0.000+- 0.112
076	860225	.825+- .141	0.409+- 0.104	4.540+- 0.258	2.468+- 0.099	0.316+- 0.096	0.063+- 0.021
076	860303	.505+- .140	0.122+- 0.063	7.264+- 0.413	3.295+- 0.133	0.290+- 0.093	< 0.025+- 0.051
076	860309	1.165+- .149	0.515+- 0.123	1.195+- 0.068	0.402+- 0.016	0.702+- 0.156	0.089+- 0.030
076	860315	1.239+- .150	0.354+- 0.093	1.109+- 0.063	0.744+- 0.030	0.336+- 0.095	< 0.046+- 0.047
076	860321	< .150+- .263	< 0.022+- 0.089	1.567+- 0.089	0.677+- 0.027	0.145+- 0.070	< 0.046+- 0.046
076	860327	< .174+- .265	< 0.050+- 0.090	14.291+- 0.812	6.381+- 0.257	0.160+- 0.072	< 0.023+- 0.047
076	860402	.575+- .139	0.317+- 0.087	1.185+- 0.067	0.436+- 0.018	0.461+- 0.114	0.068+- 0.023
076	860408	.429+- .136	0.302+- 0.084	1.575+- 0.089	0.528+- 0.021	0.379+- 0.101	< 0.046+- 0.047
076	860414	-9.900+-9.900	0.149+- 0.066	2.394+- 0.136	0.890+- 0.036	0.557+- 0.132	0.073+- 0.025
076	860420		0.160+- 0.065	2.491+- 0.142	0.959+- 0.039	0.554+- 0.129	< 0.047+- 0.048
076	860426		0.466+- 0.111	4.193+- 0.238	1.673+- 0.067	1.127+- 0.224	0.184+- 0.062
076	860502		0.567+- 0.128	3.439+- 0.195	1.307+- 0.053	0.759+- 0.162	0.070+- 0.024
076	860508		0.385+- 0.098	3.466+- 0.197	1.367+- 0.055	1.049+- 0.211	0.104+- 0.035
076	860514		0.141+- 0.062	8.518+- 0.484	2.866+- 0.116	1.008+- 0.204	0.092+- 0.031
076	860520		< 0.056+- 0.092	11.989+- 0.681	3.659+- 0.147	1.103+- 0.220	0.133+- 0.045
076	860526		< 0.017+- 0.092	13.084+- 0.743	4.285+- 0.173	0.635+- 0.142	0.054+- 0.018
076	860601		< 0.000+- 0.093	10.819+- 0.615	3.450+- 0.139	0.375+- 0.102	< 0.022+- 0.048
076	860607		0.143+- 0.063	6.205+- 0.353	2.144+- 0.086	0.793+- 0.168	0.089+- 0.030
076	860613		0.241+- 0.077	7.822+- 0.444	2.564+- 0.103	0.918+- 0.189	0.089+- 0.030
076	860619		0.535+- 0.124	5.079+- 0.289	1.675+- 0.068	1.453+- 0.281	0.155+- 0.052
076	860625		< 0.056+- 0.093	14.911+- 0.847	5.786+- 0.233	0.348+- 0.098	< 0.022+- 0.048



FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
076	860701		0.118+- 0.060	6.122+- 0.348	2.124+- 0.086	1.135+- 0.226	0.094+- 0.031
076	860707		0.215+- 0.073	2.376+- 0.135	0.909+- 0.037	0.564+- 0.131	< 0.044+- 0.048
076	860713		0.167+- 0.067	6.285+- 0.357	2.312+- 0.093	0.465+- 0.117	< 0.022+- 0.050
076	860719		0.385+- 0.099	3.992+- 0.227	1.297+- 0.052	0.965+- 0.197	0.089+- 0.030
076	860725		0.340+- 0.092	3.199+- 0.182	1.052+- 0.042	0.633+- 0.143	< 0.022+- 0.049
076	860731		0.134+- 0.062	11.528+- 0.655	3.661+- 0.148	0.639+- 0.143	< 0.044+- 0.049
076	860806	<	0.000+- 0.093	19.940+- 1.133	6.032+- 0.243	0.461+- 0.115	< 0.044+- 0.048
076	860812		1.140+- 0.230	10.815+- 0.615	3.419+- 0.138	0.402+- 0.106	< 0.044+- 0.049
076	860818	<	0.061+- 0.093	6.177+- 0.351	2.370+- 0.096	0.590+- 0.135	0.132+- 0.044
076	860824	<	0.042+- 0.094	10.723+- 0.609	3.630+- 0.146	0.634+- 0.143	0.073+- 0.024
076	860830		0.220+- 0.073	5.233+- 0.297	1.563+- 0.063	1.084+- 0.217	0.088+- 0.030
076	860905	<	0.017+- 0.092	9.294+- 0.528	3.239+- 0.131	0.444+- 0.112	0.074+- 0.025
076	860911		0.172+- 0.067	6.746+- 0.383	2.307+- 0.093	0.816+- 0.172	0.088+- 0.030
076	860917		0.229+- 0.075	2.103+- 0.119	0.700+- 0.028	0.519+- 0.124	0.066+- 0.022
076	860923		0.165+- 0.065	2.183+- 0.124	0.850+- 0.034	0.464+- 0.115	0.054+- 0.018
076	860929		0.118+- 0.060	2.748+- 0.156	1.324+- 0.053	0.346+- 0.098	< 0.044+- 0.048
076	861005	<	0.042+- 0.092	2.355+- 0.134	1.451+- 0.058	< 0.082+- 0.113	< 0.048+- 0.048
076	861011	<	0.000+- 0.092	4.880+- 0.277	1.652+- 0.067	0.211+- 0.080	< 0.048+- 0.048
076	861017		0.248+- 0.077	4.980+- 0.283	1.798+- 0.072	0.293+- 0.090	< 0.022+- 0.048
076	861023		0.114+- 0.059	5.810+- 0.330	2.555+- 0.103	0.261+- 0.086	< 0.027+- 0.048
076	861029		0.256+- 0.079	5.372+- 0.305	2.559+- 0.103	0.400+- 0.106	< 0.022+- 0.049
076	861104		0.219+- 0.073	4.843+- 0.275	2.306+- 0.093	0.398+- 0.105	< 0.027+- 0.048
076	861110	<	0.090+- 0.093	1.133+- 0.064	0.583+- 0.024	< 0.089+- 0.116	< 0.022+- 0.049
076	861116		0.331+- 0.090	4.007+- 0.228	6.750+- 0.272	0.380+- 0.103	0.098+- 0.033
076	861122	<	0.000+- 0.093	0.672+- 0.038	0.234+- 0.009	< 0.016+- 0.115	< 0.048+- 0.048
076	861128	<	0.071+- 0.093	1.557+- 0.088	1.074+- 0.043	< 0.088+- 0.115	< 0.048+- 0.048
076	861204		0.901+- 0.187	6.749+- 0.383	13.751+- 0.554	0.524+- 0.125	0.117+- 0.039
076	861210		0.111+- 0.060	2.892+- 0.164	4.706+- 0.190	0.361+- 0.101	0.069+- 0.023
076	861216		0.325+- 0.089	5.109+- 0.290	4.680+- 0.189	0.922+- 0.190	0.117+- 0.039
076	861222		0.289+- 0.084	2.077+- 0.118	1.693+- 0.068	0.150+- 0.074	< 0.027+- 0.049
076	861228		0.668+- 0.147	3.558+- 0.202	8.103+- 0.327	0.443+- 0.113	0.102+- 0.034

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	AL	SI	P	S	CL	K
076	860102	0.1145+0.0196	0.1644+0.0248	0.0779+0.0170	2.9940+0.2443	0.2917+0.0346	0.0946+0.0127
076	860108	0.1964+0.0297	0.4026+0.0581	0.0643+0.0143	0.3490+0.0645	0.0944+0.0230	0.1335+0.0151
076	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
076	860120	0.1268+0.0212	0.1462+0.0224	0.0757+0.0167	3.4593+0.2791	0.0360+0.0227	0.0575+0.0109
076	860126	0.0988+0.0181	0.2095+0.0310	0.0368+0.0090	0.2832+0.0574	0.0269+0.0204	0.1228+0.0146
076	860201	0.1024+0.0187	0.0659+0.0118	0.0445+0.0105	0.9681+0.0952	0.3746+0.0395	0.0869+0.0123
076	860207	0.0856+0.0177	0.1653+0.0252	0.0367+0.0093	0.5971+0.0750	0.1940+0.0295	0.0658+0.0118
076	860213	0.0703+0.0151	0.1001+0.0162	0.0373+0.0091	0.7110+0.0778	0.2757+0.0328	0.0817+0.0120
076	860219	0.0912+0.0251	0.1162+0.0217	0.0431+0.0127	0.5652+0.1009	0.0474+0.0389	0.0197+0.0168
076	860225	0.1600+0.0253	0.2494+0.0366	0.0754+0.0166	1.7179+0.1521	0.0977+0.0249	0.1301+0.0153
076	860303	0.0903+0.0171	0.1322+0.0205	0.0608+0.0136	2.9917+0.2437	0.0225+0.0215	0.0412+0.0100
076	860309	0.0461+0.0133	0.0610+0.0115	0.0245+0.0070	0.5108+0.0657	0.3193+0.0362	0.0938+0.0131
076	860315	0.0694+0.0158	0.0890+0.0149	0.0441+0.0105	0.5691+0.0695	0.3226+0.0366	0.0768+0.0121
076	860321	0.1077+0.0191	0.2140+0.0317	0.0471+0.0110	0.6735+0.0790	0.0434+0.0215	0.0953+0.0129
076	860327	0.1761+0.0271	0.2456+0.0362	0.1250+0.0267	5.8561+0.4627	0.0844+0.0266	0.0661+0.0114
076	860402	0.1141+0.0191	0.2291+0.0330	0.0000+0.0065	0.6501+0.0678	0.2615+0.0307	0.0833+0.0118
076	860408	0.0834+0.0167	0.1021+0.0162	0.0000+0.0077	0.7493+0.0761	0.0967+0.0237	0.0652+0.0112
076	860414	0.1014+0.0187	0.2328+0.0338	0.0000+0.0093	1.0286+0.0957	0.0295+0.0223	0.0741+0.0120
076	860420	0.1657+0.0258	0.3895+0.0549	0.0165+0.0084	1.0377+0.0973	0.0360+0.0233	0.1021+0.0134
076	860426	0.1570+0.0243	0.3080+0.0437	0.0204+0.0102	1.7748+0.1415	0.1199+0.0247	0.1044+0.0130
076	860502	0.1878+0.0282	0.4230+0.0595	0.0000+0.0101	1.4230+0.1195	0.0768+0.0240	0.1064+0.0135
076	860508	0.1285+0.0209	0.2501+0.0358	0.0000+0.0110	1.3395+0.1123	0.0967+0.0231	0.0909+0.0122
076	860514	0.2339+0.0330	0.2199+0.0316	0.0000+0.0167	3.5659+0.2602	0.0215+0.0209	0.0912+0.0120
076	860520	0.2726+0.0380	0.5468+0.0766	0.0000+0.0214	5.0240+0.3626	0.0000+0.0226	0.1540+0.0160
076	860526	0.2460+0.0347	0.3153+0.0447	0.0270+0.0136	5.6743+0.4062	0.0000+0.0222	0.1660+0.0167
076	860601	0.1855+0.0277	0.2523+0.0362	0.0000+0.0178	4.3918+0.3193	0.0000+0.0226	0.0731+0.0117
076	860607	0.2742+0.0381	0.3729+0.0526	0.0000+0.0128	2.3174+0.1758	0.0854+0.0219	0.0982+0.0122
076	860613	0.1810+0.0270	0.2229+0.0322	0.0136+0.0068	2.9114+0.2178	0.0557+0.0230	0.1024+0.0131
076	860619	0.2900+0.0404	0.4022+0.0567	0.0000+0.0124	1.9070+0.1500	0.1594+0.0269	0.1288+0.0148
076	860625	0.2559+0.0358	0.2918+0.0414	0.0000+0.0261	6.1800+0.4421	0.0000+0.0223	0.0498+0.0097

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	AL	SI	P	S	CL	K
076	860701	0.2277+0.0324	0.2630+0.0376	0.0000+0.0133	2.3981+0.1814	0.0064+0.0205	0.1325+0.0146
076	860707	0.0816+0.0158	0.0870+0.0142	0.0000+0.0075	0.9855+0.0877	0.1845+0.0266	0.0696+0.0110
076	860713	0.1308+0.0207	0.1544+0.0229	0.0000+0.0119	2.3668+0.1798	0.0000+0.0198	0.0566+0.0102
076	860719	0.1570+0.0237	0.1763+0.0257	0.0066+0.0051	1.3591+0.1118	0.1357+0.0240	0.0836+0.0115
076	860725	0.0723+0.0143	0.1224+0.0186	0.0000+0.0069	1.1749+0.0993	0.1047+0.0227	0.0662+0.0106
076	860731	0.2268+0.0320	0.2505+0.0358	0.0000+0.0206	4.7010+0.3411	0.0000+0.0204	0.0935+0.0120
076	860806	0.2885+0.0396	0.2920+0.0414	0.0000+0.0302	7.5265+0.5356	0.0000+0.0229	0.0976+0.0121
076	860812	0.2303+0.0326	0.2933+0.0417	0.0000+0.0176	4.2373+0.3099	0.0000+0.0214	0.0739+0.0113
076	860818	0.2177+0.0309	0.3246+0.0458	0.0000+0.0164	2.3923+0.1812	0.0092+0.0200	0.1198+0.0135
076	860824	0.3243+0.0445	0.2933+0.0417	0.0045+0.0062	4.2215+0.3090	0.0285+0.0237	0.1148+0.0138
076	860830	0.1558+0.0233	0.2073+0.0298	0.0000+0.0129	2.0004+0.1539	0.0189+0.0191	0.0924+0.0117
076	860905	0.1964+0.0281	0.2292+0.0328	0.0000+0.0156	3.7643+0.2750	0.0000+0.0192	0.1852+0.0174
076	860911	0.2979+0.0408	0.2587+0.0369	0.0100+0.0133	2.8865+0.2148	0.0289+0.0205	0.0874+0.0117
076	860917	0.1409+0.0222	0.2381+0.0341	0.0086+0.0070	0.8724+0.0828	0.1423+0.0253	0.1013+0.0128
076	860923	0.0746+0.0149	0.1351+0.0202	0.0105+0.0083	1.0226+0.0905	0.1031+0.0227	0.0869+0.0117
076	860929	0.1509+0.0239	0.2125+0.0309	0.0000+0.0087	1.3480+0.1153	0.0278+0.0233	0.1050+0.0136
076	861005	0.1790+0.0264	0.2538+0.0362	0.0000+0.0117	1.1411+0.1006	0.0347+0.0205	0.1077+0.0128
076	861011	0.1111+0.0189	0.1045+0.0165	0.0000+0.0072	1.6854+0.1343	0.0000+0.0205	0.0544+0.0106
076	861017	0.1752+0.0260	0.2072+0.0299	0.0000+0.0109	1.8414+0.1450	0.0384+0.0213	0.0914+0.0122
076	861023	0.1690+0.0259	0.2485+0.0358	0.0000+0.0105	2.2279+0.1732	0.0073+0.0229	0.1202+0.0144
076	861029	0.2572+0.0358	0.2683+0.0382	0.0073+0.0053	2.5019+0.1899	0.0469+0.0208	0.1120+0.0129
076	861104	0.2872+0.0405	0.3078+0.0440	0.0062+0.0065	1.9882+0.1583	0.0312+0.0254	0.1503+0.0167
076	861110	0.2908+0.0402	0.5349+0.0749	0.0157+0.0079	0.5683+0.0683	0.0038+0.0195	0.1482+0.0153
076	861116	0.2172+0.0312	0.3688+0.0519	0.0219+0.0111	1.7908+0.1423	0.0536+0.0221	0.1875+0.0178
076	861122	0.2182+0.0309	0.3485+0.0492	0.0000+0.0063	0.3432+0.0486	0.0172+0.0185	0.1406+0.0148
076	861128	0.1587+0.0245	0.2160+0.0312	0.0110+0.0056	0.6583+0.0729	0.0330+0.0221	0.1139+0.0139
076	861204	0.3206+0.0441	0.5270+0.0737	0.0134+0.0068	2.4867+0.1907	0.7267+0.0604	0.2082+0.0191
076	861210	0.2504+0.0356	0.5154+0.0721	0.0093+0.0058	1.3200+0.1133	0.1879+0.0275	0.2161+0.0197
076	861216	0.3085+0.0425	0.6044+0.0844	0.0057+0.0056	2.0896+0.1628	0.3138+0.0339	0.2501+0.0218
076	861222	0.2133+0.0307	0.3913+0.0551	0.0000+0.0131	0.9701+0.0896	0.1273+0.0242	0.1538+0.0159
076	861228	0.1472+0.0239	0.2479+0.0357	0.0348+0.0175	1.6727+0.1383	0.4988+0.0464	0.3418+0.0286

FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	CA	TI	V	CR	MN	FE
076	860102	0.0709+0.0091	0.0333+0.0050	0.0173+0.0033	0.0030+0.0024	0.0155+0.0036	0.0873+0.0093
076	860108	0.1319+0.0132	0.0337+0.0049	0.0100+0.0031	0.0067+0.0026	0.0441+0.0050	0.3159+0.0260
076	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
076	860120	0.0415+0.0075	0.0128+0.0040	0.0087+0.0031	0.0002+0.0026	0.0166+0.0037	0.0725+0.0085
076	860126	0.0767+0.0095	0.0158+0.0040	0.0065+0.0029	0.0038+0.0026	0.0293+0.0043	0.1717+0.0154
076	860201	0.0541+0.0081	0.0071+0.0035	0.0026+0.0026	0.0052+0.0026	0.0191+0.0038	0.0556+0.0073
076	860207	0.0715+0.0095	0.0172+0.0043	0.0026+0.0030	0.0053+0.0029	0.0318+0.0046	0.1591+0.0146
076	860213	0.0528+0.0081	0.0376+0.0052	0.0011+0.0027	0.0075+0.0026	0.0225+0.0039	0.1109+0.0110
076	860219	0.0273+0.0119	0.0066+0.0069	0.0033+0.0053	0.0122+0.0053	0.0141+0.0066	0.0484+0.0111
076	860225	0.1107+0.0119	0.0333+0.0050	0.0138+0.0034	0.0052+0.0027	0.0432+0.0051	0.2514+0.0213
076	860303	0.0422+0.0075	0.0135+0.0039	0.0082+0.0029	0.0011+0.0026	0.0136+0.0036	0.0735+0.0086
076	860309	0.0583+0.0086	0.0032+0.0035	0.0000+0.0026	0.0032+0.0026	0.0128+0.0036	0.0507+0.0072
076	860315	0.0611+0.0088	0.0123+0.0040	0.0065+0.0029	0.0046+0.0028	0.0163+0.0038	0.0824+0.0093
076	860321	0.1067+0.0114	0.0266+0.0046	0.0100+0.0030	0.0141+0.0031	0.0324+0.0044	0.1957+0.0170
076	860327	0.0910+0.0105	0.0487+0.0060	0.0098+0.0032	0.0082+0.0028	0.0262+0.0042	0.1292+0.0124
076	860402	0.0762+0.0091	0.0103+0.0037	0.0036+0.0027	0.0015+0.0027	0.0071+0.0033	0.0942+0.0094
076	860408	0.0453+0.0077	0.0190+0.0042	0.0039+0.0029	0.0009+0.0029	0.0151+0.0038	0.0946+0.0095
076	860414	0.0712+0.0092	0.0177+0.0044	0.0052+0.0030	0.0033+0.0030	0.0162+0.0040	0.1073+0.0106
076	860420	0.1267+0.0124	0.0247+0.0046	0.0104+0.0033	0.0012+0.0030	0.0223+0.0042	0.1882+0.0155
076	860426	0.1101+0.0112	0.0186+0.0041	0.0056+0.0029	0.0041+0.0027	0.0101+0.0035	0.1160+0.0107
076	860502	0.1074+0.0112	0.0201+0.0043	0.0106+0.0032	0.0000+0.0029	0.0091+0.0036	0.1516+0.0132
076	860508	0.0824+0.0094	0.0164+0.0040	0.0047+0.0029	0.0000+0.0026	0.0117+0.0035	0.1036+0.0099
076	860514	0.0738+0.0088	0.0131+0.0036	0.0158+0.0032	0.0012+0.0025	0.0093+0.0033	0.0823+0.0084
076	860520	0.3158+0.0248	0.0180+0.0040	0.0091+0.0029	0.0000+0.0026	0.0072+0.0033	0.1324+0.0117
076	860526	0.0953+0.0104	0.0132+0.0038	0.0079+0.0029	0.0000+0.0027	0.0042+0.0033	0.1039+0.0099
076	860601	0.0786+0.0095	0.0085+0.0038	0.0047+0.0030	0.0002+0.0029	0.0074+0.0036	0.0702+0.0081
076	860607	0.0883+0.0097	0.0134+0.0037	0.0089+0.0027	0.0026+0.0026	0.0074+0.0032	0.1104+0.0102
076	860613	0.0760+0.0092	0.0151+0.0040	0.0045+0.0029	0.0015+0.0027	0.0094+0.0035	0.0886+0.0091
076	860619	0.1552+0.0142	0.0278+0.0047	0.0051+0.0030	0.0020+0.0029	0.0092+0.0037	0.1949+0.0160
076	860625	0.0511+0.0075	0.0094+0.0035	0.0057+0.0027	0.0035+0.0026	0.0059+0.0032	0.0772+0.0081

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	CA	TI	V	CR	MN	FE
076	860701	0.1145+0.0114	0.0163+0.0040	0.0079+0.0029	0.0015+0.0027	0.0061+0.0033	0.1291+0.0115
076	860707	0.0549+0.0079	0.0101+0.0036	0.0065+0.0029	0.0020+0.0027	0.0047+0.0033	0.0522+0.0069
076	860713	0.0359+0.0069	0.0060+0.0035	0.0071+0.0027	0.0005+0.0026	0.0027+0.0033	0.0553+0.0070
076	860719	0.0667+0.0087	0.0097+0.0035	0.0127+0.0029	0.0030+0.0025	0.0051+0.0031	0.0549+0.0069
076	860725	0.0309+0.0069	0.0072+0.0035	0.0069+0.0027	0.0012+0.0024	0.0012+0.0031	0.1083+0.0102
076	860731	0.0693+0.0088	0.0164+0.0037	0.0138+0.0029	0.0561+0.0052	0.0098+0.0033	0.3338+0.0252
076	860806	0.0855+0.0097	0.0140+0.0036	0.0120+0.0029	0.0028+0.0024	0.0024+0.0030	0.0962+0.0092
076	860812	0.0718+0.0091	0.0157+0.0038	0.0110+0.0029	0.0000+0.0024	0.0024+0.0032	0.0929+0.0093
076	860818	0.0872+0.0098	0.0247+0.0042	0.0127+0.0029	0.0055+0.0025	0.0130+0.0033	0.1594+0.0133
076	860824	0.0810+0.0098	0.0143+0.0040	0.0077+0.0029	0.0020+0.0027	0.0093+0.0036	0.1128+0.0107
076	860830	0.0873+0.0097	0.0121+0.0035	0.0113+0.0027	0.0040+0.0024	0.0130+0.0032	0.0899+0.0088
076	860905	0.0689+0.0087	0.0153+0.0035	0.0076+0.0026	0.0042+0.0024	0.0000+0.0028	0.0708+0.0076
076	860911	0.0878+0.0097	0.0122+0.0035	0.0145+0.0029	0.0003+0.0024	0.0076+0.0032	0.0822+0.0084
076	860917	0.0793+0.0095	0.0248+0.0043	0.0059+0.0028	0.0045+0.0027	0.0150+0.0036	0.1416+0.0124
076	860923	0.0650+0.0086	0.0121+0.0036	0.0096+0.0029	0.0067+0.0025	0.0123+0.0035	0.0989+0.0095
076	860929	0.0706+0.0095	0.0557+0.0063	0.0012+0.0030	0.0036+0.0029	0.0089+0.0038	0.1481+0.0130
076	861005	0.0847+0.0096	0.0270+0.0043	0.0086+0.0027	0.0037+0.0024	0.0168+0.0035	0.2105+0.0168
076	861011	0.0300+0.0072	0.0069+0.0036	0.0048+0.0028	0.0060+0.0029	0.0012+0.0034	0.0351+0.0064
076	861017	0.0553+0.0082	0.0149+0.0038	0.0030+0.0025	0.0036+0.0025	0.0036+0.0031	0.0926+0.0092
076	861023	0.0767+0.0098	0.0205+0.0044	0.0058+0.0030	0.0011+0.0027	0.0074+0.0037	0.1347+0.0122
076	861029	0.0661+0.0084	0.0199+0.0039	0.0162+0.0030	0.0027+0.0024	0.0127+0.0032	0.1632+0.0136
076	861104	0.1055+0.0119	0.0287+0.0050	0.0141+0.0036	0.0000+0.0030	0.0132+0.0041	0.2135+0.0175
076	861110	0.2031+0.0173	0.0428+0.0052	0.0080+0.0027	0.0041+0.0024	0.0363+0.0044	0.3752+0.0281
076	861116	0.1058+0.0110	0.0313+0.0047	0.0131+0.0030	0.0022+0.0025	0.0260+0.0040	0.2401+0.0187
076	861122	0.0741+0.0091	0.0169+0.0038	0.0040+0.0025	0.0000+0.0022	0.0088+0.0032	0.1522+0.0130
076	861128	0.0894+0.0104	0.0159+0.0041	0.0083+0.0030	0.0000+0.0027	0.0204+0.0040	0.2013+0.0164
076	861204	0.1347+0.0128	0.0479+0.0054	0.0175+0.0032	0.0082+0.0026	0.0372+0.0044	0.3850+0.0286
076	861210	0.1380+0.0131	0.0430+0.0052	0.0118+0.0030	0.0052+0.0026	0.0372+0.0044	0.3727+0.0278
076	861216	0.1982+0.0170	0.0569+0.0060	0.0109+0.0029	0.0057+0.0024	0.0298+0.0040	0.4425+0.0327
076	861222	0.1265+0.0123	0.0414+0.0052	0.0094+0.0029	0.0071+0.0026	0.0317+0.0042	0.3130+0.0239
076	861228	0.0835+0.0101	0.0251+0.0043	0.0105+0.0030	0.0026+0.0026	0.0302+0.0043	0.2847+0.0222

FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	NI	CU	ZN	GA	AS	SE
076	860102	0.0091+0.0025	0.0058+0.0026	0.0375+0.0041	0.0006+0.0017	0.0014+0.0090	0.0003+0.0023
076	860108	0.0111+0.0025	0.0106+0.0028	0.0548+0.0053	0.0016+0.0021	0.0054+0.0178	0.0000+0.0024
076	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
076	860120	0.0021+0.0023	0.0018+0.0026	0.0323+0.0038	0.0000+0.0018	0.0002+0.0098	0.0000+0.0024
076	860126	0.0026+0.0021	0.0126+0.0029	0.0323+0.0037	0.0000+0.0020	0.0000+0.0137	0.0000+0.0024
076	860201	0.0056+0.0023	0.1476+0.0123	0.1178+0.0101	0.0000+0.0018	0.0000+0.0120	0.0000+0.0024
076	860207	0.0078+0.0026	0.0339+0.0043	0.0962+0.0085	0.0000+0.0020	0.0000+0.0134	0.0000+0.0027
076	860213	0.0067+0.0023	0.2158+0.0176	0.2017+0.0165	0.0000+0.0018	0.0000+0.0099	0.0000+0.0024
076	860219	0.0056+0.0043	0.3727+0.0288	0.2517+0.0203	0.0000+0.0033	0.0000+0.0148	0.0000+0.0046
076	860225	0.0220+0.0033	0.0309+0.0040	0.2757+0.0220	0.0004+0.0022	0.0159+0.0161	0.0033+0.0026
076	860303	0.0089+0.0025	0.0104+0.0028	0.0198+0.0030	0.0000+0.0017	0.0000+0.0085	0.0002+0.0024
076	860309	0.0009+0.0021	0.0143+0.0030	0.0277+0.0035	0.0002+0.0018	0.0000+0.0090	0.0014+0.0026
076	860315	0.0079+0.0025	0.0040+0.0027	0.0300+0.0036	0.0014+0.0020	0.0000+0.0103	0.0018+0.0026
076	860321	0.0065+0.0024	0.0312+0.0040	0.0676+0.0062	0.0000+0.0019	0.0000+0.0155	0.0000+0.0024
076	860327	0.0083+0.0025	0.0120+0.0030	0.0584+0.0056	0.0008+0.0018	0.0169+0.0105	0.0058+0.0026
076	860402	0.0008+0.0023	0.0055+0.0026	0.0127+0.0024	0.0000+0.0017	0.0000+0.0071	0.0021+0.0024
076	860408	0.0051+0.0026	0.0635+0.0058	0.0762+0.0064	0.0000+0.0020	0.0000+0.0109	0.0032+0.0026
076	860414	0.0060+0.0027	0.0394+0.0044	0.0470+0.0046	0.0000+0.0021	0.0000+0.0106	0.0030+0.0027
076	860420	0.0128+0.0029	0.1662+0.0126	0.1458+0.0112	0.0000+0.0022	0.0000+0.0156	0.0003+0.0027
076	860426	0.0057+0.0024	0.0024+0.0024	0.0299+0.0033	0.0000+0.0020	0.0000+0.0119	0.0000+0.0024
076	860502	0.0110+0.0028	0.0655+0.0059	0.0753+0.0064	0.0006+0.0021	0.0000+0.0121	0.0039+0.0027
076	860508	0.0042+0.0024	0.0119+0.0028	0.0565+0.0050	0.0000+0.0018	0.0006+0.0099	0.0030+0.0024
076	860514	0.0075+0.0024	0.0215+0.0032	0.0248+0.0029	0.0000+0.0016	0.0000+0.0069	0.0012+0.0022
076	860520	0.0063+0.0024	0.1670+0.0127	0.1433+0.0110	0.0000+0.0018	0.0000+0.0091	0.0017+0.0024
076	860526	0.0079+0.0026	0.0720+0.0063	0.0606+0.0054	0.0000+0.0018	0.0000+0.0076	0.0040+0.0026
076	860601	0.0235+0.0035	0.0527+0.0052	0.0459+0.0045	0.0000+0.0018	0.0000+0.0080	0.0011+0.0026
076	860607	0.0117+0.0026	0.0334+0.0038	0.0376+0.0038	0.0000+0.0017	0.0000+0.0084	0.0006+0.0023
076	860613	0.0035+0.0024	0.0892+0.0074	0.0875+0.0073	0.0000+0.0018	0.0000+0.0079	0.0048+0.0026
076	860619	0.0181+0.0031	0.0637+0.0059	0.0639+0.0056	0.0000+0.0018	0.0000+0.0088	0.0018+0.0026
076	860625	0.0131+0.0026	0.3191+0.0232	0.2956+0.0215	0.0000+0.0018	0.0000+0.0069	0.0023+0.0023

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	NI	CU	ZN	GA	AS	SE
076	860701	0.0159+0.0029	0.0381+0.0042	0.0367+0.0037	0.0013+0.0018	0.0000+0.0073	0.0049+0.0026
076	860707	0.0116+0.0026	0.2958+0.0215	0.2064+0.0154	0.0000+0.0018	0.0051+0.0066	0.0015+0.0024
076	860713	0.0092+0.0025	0.0601+0.0055	0.0421+0.0042	0.0000+0.0017	0.0000+0.0071	0.0009+0.0024
076	860719	0.0143+0.0026	0.0287+0.0036	0.0502+0.0046	0.0040+0.0018	0.0000+0.0076	0.0000+0.0022
076	860725	0.0125+0.0026	0.0638+0.0057	0.0433+0.0043	0.0039+0.0017	0.0000+0.0066	0.0016+0.0024
076	860731	0.0531+0.0050	0.0228+0.0032	0.0299+0.0033	0.0032+0.0017	0.0000+0.0063	0.0003+0.0023
076	860806	0.0176+0.0028	0.0815+0.0069	0.0846+0.0069	0.0025+0.0016	0.0000+0.0073	0.0003+0.0022
076	860812	0.0198+0.0030	0.0369+0.0042	0.0335+0.0036	0.0023+0.0017	0.0000+0.0068	0.0050+0.0024
076	860818	0.0197+0.0030	0.0195+0.0030	0.0566+0.0051	0.0003+0.0018	0.0012+0.0105	0.0072+0.0024
076	860824	0.0339+0.0040	0.3561+0.0258	0.2547+0.0188	0.0000+0.0018	0.0000+0.0083	0.0033+0.0026
076	860830	0.0195+0.0028	0.0169+0.0028	0.0277+0.0031	0.0006+0.0016	0.0000+0.0081	0.0007+0.0021
076	860905	0.0252+0.0032	0.0106+0.0024	0.0238+0.0029	0.0004+0.0015	0.0000+0.0068	0.0000+0.0021
076	860911	0.0447+0.0046	0.0243+0.0033	0.0200+0.0027	0.0019+0.0016	0.0000+0.0067	0.0003+0.0022
076	860917	0.0083+0.0024	0.0274+0.0035	0.0578+0.0051	0.0000+0.0018	0.0000+0.0113	0.0024+0.0024
076	860923	0.0050+0.0022	0.0206+0.0031	0.0474+0.0045	0.0025+0.0018	0.0000+0.0092	0.0025+0.0024
076	860929	0.0068+0.0026	0.0291+0.0037	0.0765+0.0064	0.0020+0.0021	0.0038+0.0121	0.0000+0.0027
076	861005	0.0202+0.0030	0.0932+0.0076	0.0924+0.0075	0.0028+0.0021	0.0000+0.0156	0.0033+0.0024
076	861011	0.0046+0.0024	0.1076+0.0087	0.0748+0.0063	0.0003+0.0018	0.0000+0.0075	0.0016+0.0025
076	861017	0.0064+0.0024	0.0169+0.0030	0.0203+0.0027	0.0001+0.0016	0.0000+0.0090	0.0009+0.0024
076	861023	0.0130+0.0029	0.0241+0.0035	0.0893+0.0073	0.0000+0.0020	0.0000+0.0103	0.0002+0.0026
076	861029	0.0159+0.0027	0.0379+0.0040	0.0898+0.0073	0.0006+0.0018	0.0000+0.0112	0.0000+0.0021
076	861104	0.0138+0.0031	0.1312+0.0104	0.1791+0.0136	0.0012+0.0021	0.0133+0.0115	0.0000+0.0029
076	861110	0.0084+0.0023	0.1309+0.0102	0.1380+0.0106	0.0044+0.0021	0.0003+0.0170	0.0027+0.0023
076	861116	0.0106+0.0026	0.0374+0.0041	0.0800+0.0066	0.0025+0.0021	0.0082+0.0153	0.0016+0.0024
076	861122	0.0037+0.0021	0.0489+0.0047	0.0512+0.0047	0.0016+0.0016	0.0000+0.0066	0.0010+0.0022
076	861128	0.0066+0.0026	0.0213+0.0033	0.0494+0.0047	0.0005+0.0020	0.0092+0.0120	0.0032+0.0026
076	861204	0.0151+0.0026	0.0500+0.0048	0.2460+0.0180	0.0003+0.0022	0.0073+0.0196	0.0034+0.0022
076	861210	0.0078+0.0024	0.0435+0.0044	0.1132+0.0089	0.0000+0.0019	0.0128+0.0167	0.0036+0.0024
076	861216	0.0046+0.0021	0.0593+0.0053	0.1271+0.0098	0.0001+0.0018	0.0097+0.0139	0.0021+0.0022
076	861222	0.0130+0.0026	0.0575+0.0053	0.0959+0.0077	0.0027+0.0020	0.0000+0.0130	0.0000+0.0023
076	861228	0.0091+0.0027	0.0422+0.0045	0.1258+0.0099	0.0009+0.0023	0.0000+0.0177	0.0025+0.0025

FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	BR	RB	SR	Y	ZR	MO
076	860102	0.0358+0.0045	0.0036+0.0041	0.0014+0.0049	0.0074+0.0059	0.0055+0.0240	0.0275+0.0171
076	860108	0.0884+0.0079	0.0043+0.0042	0.0049+0.0048	0.0000+0.0058	0.0000+0.0238	0.0000+0.0171
076	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
076	860120	0.0279+0.0041	0.0000+0.0042	0.0003+0.0051	0.0075+0.0064	0.0000+0.0255	0.0107+0.0180
076	860126	0.0422+0.0049	0.0029+0.0042	0.0083+0.0050	0.0000+0.0060	0.0000+0.0245	0.0298+0.0175
076	860201	0.0610+0.0060	0.0017+0.0043	0.0067+0.0050	0.0071+0.0061	0.0258+0.0245	0.0000+0.0170
076	860207	0.0623+0.0063	0.0018+0.0047	0.0027+0.0056	0.0066+0.0068	0.0196+0.0276	0.0000+0.0193
076	860213	0.0392+0.0047	0.0000+0.0041	0.0020+0.0050	0.0030+0.0059	0.0000+0.0243	0.0137+0.0172
076	860219	0.0155+0.0066	0.0099+0.0082	0.0122+0.0099	0.0013+0.0118	0.0020+0.0490	0.0372+0.0349
076	860225	0.0451+0.0051	0.0045+0.0044	0.0061+0.0053	0.0003+0.0063	0.0147+0.0259	0.0261+0.0183
076	860303	0.0204+0.0038	0.0039+0.0042	0.0026+0.0051	0.0000+0.0061	0.0000+0.0250	0.0062+0.0177
076	860309	0.0241+0.0041	0.0000+0.0043	0.0000+0.0052	0.0032+0.0062	0.0190+0.0259	0.0069+0.0181
076	860315	0.0560+0.0059	0.0053+0.0046	0.0008+0.0053	0.0009+0.0064	0.0000+0.0263	0.0141+0.0186
076	860321	0.0444+0.0050	0.0046+0.0043	0.0000+0.0051	0.0019+0.0062	0.0000+0.0250	0.0196+0.0177
076	860327	0.0341+0.0045	0.0030+0.0044	0.0095+0.0053	0.0000+0.0062	0.0354+0.0260	0.0138+0.0180
076	860402	0.0114+0.0035	0.0000+0.0042	0.0039+0.0052	0.0000+0.0062	0.0000+0.0253	0.0000+0.0179
076	860408	0.0317+0.0044	0.0000+0.0045	0.0015+0.0054	0.0000+0.0065	0.0009+0.0269	0.0086+0.0187
076	860414	0.0191+0.0041	0.0000+0.0047	0.0050+0.0057	0.0000+0.0068	0.0039+0.0279	0.0167+0.0194
076	860420	0.0465+0.0051	0.0000+0.0048	0.0085+0.0058	0.0000+0.0068	0.0000+0.0283	0.0109+0.0197
076	860426	0.0351+0.0044	0.0000+0.0044	0.0077+0.0053	0.0000+0.0063	0.0008+0.0257	0.0300+0.0181
076	860502	0.0282+0.0043	0.0000+0.0047	0.0041+0.0056	0.0000+0.0068	0.0048+0.0276	0.0281+0.0194
076	860508	0.0278+0.0040	0.0000+0.0042	0.0000+0.0051	0.0000+0.0062	0.0000+0.0252	0.0180+0.0176
076	860514	0.0100+0.0033	0.0000+0.0040	0.0067+0.0049	0.0000+0.0058	0.0348+0.0244	0.0149+0.0167
076	860520	0.0101+0.0034	0.0000+0.0042	0.0050+0.0051	0.0000+0.0062	0.0000+0.0251	0.0210+0.0177
076	860526	0.0124+0.0035	0.0000+0.0042	0.0000+0.0051	0.0040+0.0063	0.0208+0.0257	0.0240+0.0179
076	860601	0.0104+0.0037	0.0000+0.0047	0.0092+0.0056	0.0000+0.0066	0.0023+0.0275	0.0000+0.0195
076	860607	0.0173+0.0034	0.0000+0.0039	0.0021+0.0048	0.0000+0.0057	0.0110+0.0236	0.0120+0.0164
076	860613	0.0103+0.0035	0.0000+0.0044	0.0061+0.0053	0.0000+0.0064	0.0061+0.0265	0.0000+0.0186
076	860619	0.0143+0.0037	0.0000+0.0045	0.0035+0.0054	0.0000+0.0065	0.0454+0.0273	0.0180+0.0187
076	860625	0.0089+0.0032	0.0000+0.0041	0.0027+0.0048	0.0000+0.0057	0.0146+0.0240	0.0000+0.0164



FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	BR	RB	SR	Y	ZR	MO
076	860701	0.0127+0.0035	0.0000+0.0042	0.0058+0.0051	0.0087+0.0063	0.0000+0.0258	0.0000+0.0178
076	860707	0.0075+0.0033	0.0000+0.0042	0.0092+0.0051	0.0000+0.0062	0.0458+0.0256	0.0330+0.0178
076	860713	0.0076+0.0033	0.0020+0.0041	0.0042+0.0050	0.0113+0.0061	0.0000+0.0258	0.0248+0.0174
076	860719	0.0196+0.0036	0.0055+0.0040	0.0004+0.0048	0.0000+0.0058	0.0000+0.0246	0.0127+0.0167
076	860725	0.0052+0.0033	0.0040+0.0040	0.0136+0.0051	0.0046+0.0060	0.0394+0.0244	0.0106+0.0169
076	860731	0.0059+0.0032	0.0050+0.0039	0.0063+0.0048	0.0000+0.0057	0.0000+0.0236	0.0078+0.0162
076	860806	0.0098+0.0032	0.0034+0.0039	0.0104+0.0048	0.0000+0.0057	0.0000+0.0232	0.0260+0.0163
076	860812	0.0090+0.0035	0.0000+0.0041	0.0024+0.0051	0.0000+0.0063	0.0000+0.0253	0.0255+0.0177
076	860818	0.0269+0.0039	0.0127+0.0040	0.0098+0.0048	0.0043+0.0058	0.0000+0.0234	0.0269+0.0165
076	860824	0.0084+0.0036	0.0000+0.0044	0.0045+0.0054	0.0000+0.0065	0.0000+0.0264	0.0283+0.0186
076	860830	0.0182+0.0034	0.0033+0.0037	0.0059+0.0046	0.0015+0.0055	0.0000+0.0225	0.0206+0.0157
076	860905	0.0113+0.0032	0.0046+0.0037	0.0097+0.0046	0.0006+0.0055	0.0415+0.0224	0.0179+0.0157
076	860911	0.0113+0.0033	0.0028+0.0039	0.0086+0.0048	0.0000+0.0057	0.0268+0.0233	0.0072+0.0163
076	860917	0.0323+0.0043	0.0061+0.0043	0.0131+0.0052	0.0034+0.0062	0.0000+0.0256	0.0061+0.0175
076	860923	0.0323+0.0041	0.0018+0.0040	0.0080+0.0049	0.0013+0.0059	0.0000+0.0241	0.0099+0.0167
076	860929	0.0407+0.0049	0.0000+0.0047	0.0048+0.0057	0.0000+0.0069	0.0000+0.0279	0.0220+0.0196
076	861005	0.0445+0.0047	0.0030+0.0040	0.0000+0.0047	0.0000+0.0058	0.0095+0.0231	0.0000+0.0162
076	861011	0.0046+0.0036	0.0049+0.0045	0.0075+0.0054	0.0000+0.0066	0.0000+0.0266	0.0230+0.0186
076	861017	0.0264+0.0039	0.0055+0.0042	0.0075+0.0051	0.0030+0.0061	0.0390+0.0247	0.0203+0.0172
076	861023	0.0286+0.0045	0.0042+0.0047	0.0083+0.0056	0.0036+0.0068	0.0308+0.0276	0.0000+0.0192
076	861029	0.0301+0.0039	0.0024+0.0037	0.0070+0.0047	0.0027+0.0055	0.0000+0.0229	0.0166+0.0156
076	861104	0.0343+0.0050	0.0039+0.0052	0.0065+0.0062	0.0023+0.0076	0.0514+0.0306	0.0170+0.0214
076	861110	0.0556+0.0054	0.0038+0.0039	0.0060+0.0048	0.0000+0.0059	0.0134+0.0231	0.0000+0.0161
076	861116	0.0605+0.0056	0.0000+0.0041	0.0125+0.0050	0.0003+0.0060	0.0205+0.0243	0.0274+0.0171
076	861122	0.0057+0.0031	0.0000+0.0039	0.0028+0.0048	0.0030+0.0058	0.0111+0.0232	0.0125+0.0163
076	861128	0.0414+0.0049	0.0009+0.0045	0.0012+0.0054	0.0000+0.0066	0.0081+0.0263	0.0024+0.0185
076	861204	0.0998+0.0080	0.0043+0.0040	0.0031+0.0046	0.0000+0.0057	0.0000+0.0227	0.0000+0.0157
076	861210	0.1022+0.0082	0.0016+0.0042	0.0039+0.0049	0.0000+0.0060	0.0057+0.0236	0.0001+0.0166
076	861216	0.0757+0.0065	0.0000+0.0039	0.0075+0.0047	0.0000+0.0055	0.0250+0.0225	0.0000+0.0156
076	861222	0.0485+0.0050	0.0000+0.0041	0.0002+0.0048	0.0000+0.0060	0.0066+0.0239	0.0131+0.0169
076	861228	0.0933+0.0078	0.0008+0.0045	0.0196+0.0053	0.0000+0.0063	0.0106+0.0251	0.0236+0.0176

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	PD	AG	CD	IN	SN	SB
076	860102	0.0249+0.0157	0.0000+0.0200	0.0000+0.0264	0.0020+0.0336	0.0000+0.0401	0.0000+0.0894
076	860108	0.0054+0.0151	0.0025+0.0202	0.0000+0.0264	0.0352+0.0339	0.0408+0.0408	0.0000+0.0892
076	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
076	860120	0.0069+0.0161	0.0311+0.0222	0.0000+0.0284	0.0083+0.0359	0.0000+0.0430	0.0688+0.0966
076	860126	0.0086+0.0155	0.0000+0.0204	0.0110+0.0275	0.0229+0.0346	0.0198+0.0415	0.1869+0.0955
076	860201	0.0170+0.0157	0.0000+0.0203	0.0109+0.0272	0.0000+0.0336	0.0249+0.0412	0.0572+0.0918
076	860207	0.0023+0.0172	0.0000+0.0231	0.0075+0.0306	0.0000+0.0383	0.0115+0.0463	0.0000+0.1015
076	860213	0.0000+0.0151	0.0140+0.0209	0.0173+0.0274	0.0106+0.0344	0.0000+0.0405	0.0000+0.0906
076	860219	0.0276+0.0313	0.0237+0.0418	0.0250+0.0550	0.0273+0.0691	0.0000+0.0813	0.0000+0.1823
076	860225	0.0166+0.0165	0.0000+0.0216	0.0000+0.0285	0.0000+0.0361	0.0298+0.0438	0.0896+0.0980
076	860303	0.0177+0.0161	0.0281+0.0217	0.0310+0.0284	0.0070+0.0351	0.0000+0.0421	0.0000+0.0928
076	860309	0.0073+0.0163	0.0218+0.0221	0.0000+0.0285	0.0175+0.0364	0.0000+0.0434	0.0212+0.0969
076	860315	0.0113+0.0167	0.0000+0.0222	0.0000+0.0292	0.0575+0.0379	0.0719+0.0454	0.0000+0.0972
076	860321	0.0126+0.0159	0.0244+0.0216	0.0187+0.0281	0.0000+0.0349	0.0798+0.0435	0.0000+0.0933
076	860327	0.0035+0.0160	0.0142+0.0218	0.0324+0.0290	0.0307+0.0362	0.0000+0.0430	0.0419+0.0963
076	860402	0.0080+0.0161	0.0000+0.0217	0.0000+0.0283	0.0000+0.0350	0.0000+0.0426	0.0000+0.0934
076	860408	0.0066+0.0169	0.0199+0.0236	0.0000+0.0303	0.0000+0.0377	0.0332+0.0456	0.0000+0.1014
076	860414	0.0260+0.0180	0.0000+0.0235	0.0197+0.0319	0.0158+0.0394	0.0000+0.0462	0.0000+0.1037
076	860420	0.0042+0.0177	0.0000+0.0241	0.0000+0.0316	0.0000+0.0393	0.0000+0.0473	0.0000+0.1054
076	860426	0.0000+0.0158	0.0000+0.0218	0.0000+0.0285	0.0000+0.0359	0.0000+0.0429	0.0000+0.0957
076	860502	0.0089+0.0174	0.0089+0.0240	0.0000+0.0309	0.0272+0.0392	0.0000+0.0462	0.0000+0.1033
076	860508	0.0054+0.0159	0.0000+0.0215	0.0000+0.0285	0.0143+0.0357	0.0066+0.0425	0.0000+0.0954
076	860514	0.0000+0.0149	0.0000+0.0205	0.0000+0.0272	0.0233+0.0342	0.0503+0.0411	0.0000+0.0903
076	860520	0.0246+0.0163	0.0059+0.0219	0.0000+0.0282	0.0000+0.0352	0.0085+0.0426	0.0000+0.0948
076	860526	0.0102+0.0162	0.0000+0.0214	0.0013+0.0289	0.0000+0.0354	0.0000+0.0426	0.0000+0.0953
076	860601	0.0290+0.0179	0.0000+0.0234	0.0095+0.0313	0.0112+0.0388	0.0000+0.0456	0.0000+0.1025
076	860607	0.0186+0.0152	0.0020+0.0205	0.0000+0.0266	0.0217+0.0336	0.0159+0.0399	0.0000+0.0892
076	860613	0.0148+0.0168	0.0144+0.0230	0.0000+0.0294	0.0133+0.0373	0.0188+0.0447	0.0000+0.1000
076	860619	0.0124+0.0171	0.0000+0.0225	0.0000+0.0300	0.0000+0.0376	0.0000+0.0451	0.0000+0.1019
076	860625	0.0158+0.0153	0.0000+0.0202	0.0000+0.0270	0.0000+0.0335	0.0000+0.0398	0.0000+0.0895

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	PD	AG	CD	IN	SN	SB
076	860701	0.0267+0.0165	0.0070+0.0220	0.0000+0.0283	0.0000+0.0357	0.0571+0.0434	0.0000+0.0961
076	860707	0.0000+0.0170	0.0000+0.0216	0.0000+0.0287	0.0470+0.0362	0.0410+0.0429	0.0000+0.0956
076	860713	0.0000+0.0166	0.0187+0.0212	0.0145+0.0278	0.0119+0.0346	0.0646+0.0416	0.0749+0.0910
076	860719	0.0000+0.0151	0.0112+0.0202	0.0000+0.0279	0.0000+0.0330	0.0000+0.0397	0.0000+0.0929
076	860725	0.0217+0.0160	0.0160+0.0206	0.0429+0.0280	0.0585+0.0349	0.0579+0.0415	0.0387+0.0905
076	860731	0.0000+0.0149	0.0134+0.0198	0.0000+0.0261	0.0462+0.0334	0.0000+0.0387	0.0480+0.0872
076	860806	0.0000+0.0146	0.0198+0.0197	0.0000+0.0254	0.0000+0.0332	0.0617+0.0394	0.0812+0.0862
076	860812	0.0170+0.0165	0.0124+0.0213	0.0170+0.0285	0.0344+0.0356	0.0000+0.0433	0.0976+0.0945
076	860818	0.0000+0.0148	0.0243+0.0200	0.0077+0.0263	0.0390+0.0332	0.0781+0.0402	0.0955+0.0878
076	860824	0.0026+0.0169	0.0188+0.0225	0.0246+0.0300	0.0182+0.0371	0.0431+0.0446	0.1463+0.1000
076	860830	0.0043+0.0145	0.0000+0.0187	0.0302+0.0258	0.0252+0.0317	0.0102+0.0376	0.1415+0.0857
076	860905	0.0116+0.0144	0.0006+0.0186	0.0000+0.0247	0.0326+0.0316	0.0506+0.0380	0.0000+0.0819
076	860911	0.0057+0.0151	0.0155+0.0198	0.0142+0.0264	0.0125+0.0328	0.0696+0.0403	0.1305+0.0888
076	860917	0.0000+0.0159	0.0216+0.0216	0.0236+0.0289	0.0000+0.0354	0.0625+0.0432	0.0442+0.0941
076	860923	0.0241+0.0160	0.0154+0.0205	0.0000+0.0268	0.0307+0.0341	0.0335+0.0406	0.0187+0.0892
076	860929	0.0008+0.0179	0.0000+0.0229	0.0000+0.0311	0.0456+0.0397	0.0265+0.0471	0.0054+0.1035
076	861005	0.0082+0.0151	0.0362+0.0204	0.0200+0.0266	0.0000+0.0323	0.0711+0.0402	0.1065+0.0883
076	861011	0.0000+0.0167	0.0130+0.0224	0.0214+0.0300	0.0303+0.0375	0.0699+0.0454	0.1246+0.1001
076	861017	0.0000+0.0157	0.0000+0.0206	0.0000+0.0273	0.0000+0.0344	0.0305+0.0416	0.0857+0.0924
076	861023	0.0000+0.0177	0.0306+0.0238	0.0233+0.0315	0.0052+0.0390	0.0382+0.0470	0.0294+0.1032
076	861029	0.0000+0.0141	0.0460+0.0199	0.0000+0.0250	0.0339+0.0318	0.0695+0.0387	0.1237+0.0850
076	861104	0.0208+0.0200	0.0000+0.0253	0.0000+0.0337	0.0563+0.0434	0.0620+0.0519	0.0000+0.1187
076	861110	0.0086+0.0151	0.0124+0.0198	0.0000+0.0258	0.0000+0.0336	0.0623+0.0399	0.0000+0.0858
076	861116	0.0000+0.0155	0.0000+0.0202	0.0215+0.0277	0.0355+0.0346	0.0640+0.0418	0.1111+0.0920
076	861122	0.0000+0.0146	0.0012+0.0196	0.0103+0.0264	0.0296+0.0332	0.0684+0.0403	0.0000+0.0862
076	861128	0.0138+0.0173	0.0023+0.0224	0.0000+0.0294	0.0428+0.0377	0.0000+0.0443	0.0320+0.0986
076	861204	0.0030+0.0145	0.0000+0.0185	0.0237+0.0257	0.0318+0.0320	0.0524+0.0386	0.0895+0.0851
076	861210	0.0000+0.0151	0.0066+0.0202	0.0000+0.0266	0.0000+0.0333	0.1131+0.0569	0.1135+0.0904
076	861216	0.0000+0.0144	0.0048+0.0190	0.0174+0.0256	0.0228+0.0319	0.0222+0.0381	0.0000+0.0833
076	861222	0.0094+0.0157	0.0000+0.0201	0.0000+0.0269	0.0356+0.0343	0.0565+0.0413	0.0000+0.0922
076	861228	0.0000+0.0157	0.0000+0.0212	0.0051+0.0288	0.0079+0.0356	0.0251+0.0433	0.0000+0.0959

FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	BA	LA	HG	PB
076	860102	0.0372+0.1640	0.3284+0.3037	0.0033+0.0029	0.1019+0.0139
076	860108	0.1152+0.1644	0.0009+0.2989	0.0015+0.0028	0.2886+0.0255
076	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
076	860120	0.0246+0.1747	0.0348+0.3199	0.0033+0.0030	0.1146+0.0150
076	860126	0.2616+0.1708	0.1365+0.3084	0.0039+0.0030	0.2057+0.0201
076	860201	0.0753+0.1666	0.0000+0.3037	0.0039+0.0029	0.1713+0.0179
076	860207	0.3122+0.1912	0.0000+0.3404	0.0003+0.0032	0.1896+0.0198
076	860213	0.2295+0.1697	0.0000+0.3046	0.0027+0.0029	0.1226+0.0152
076	860219	0.4043+0.3398	0.0000+0.6329	0.0030+0.0056	0.1109+0.0240
076	860225	0.1441+0.1777	0.2514+0.3255	0.0046+0.0032	0.2463+0.0230
076	860303	0.0900+0.1721	0.3116+0.3171	0.0042+0.0030	0.0864+0.0135
076	860309	0.2268+0.1792	0.2663+0.3261	0.0000+0.0029	0.0940+0.0142
076	860315	0.1130+0.1811	0.1951+0.3316	0.0000+0.0029	0.1249+0.0159
076	860321	0.0000+0.1749	0.5548+0.3206	0.0009+0.0028	0.2385+0.0222
076	860327	0.0448+0.1751	0.0000+0.3196	0.0000+0.0029	0.1265+0.0156
076	860402	0.0547+0.1708	0.2165+0.3111	0.0000+0.0029	0.0412+0.0117
076	860408	0.2712+0.1835	0.0000+0.3361	0.0000+0.0032	0.1390+0.0160
076	860414	0.3531+0.1916	0.3791+0.3437	0.0000+0.0032	0.1273+0.0159
076	860420	0.0725+0.1906	0.1237+0.3458	0.0000+0.0033	0.2363+0.0215
076	860426	0.1496+0.1733	0.0000+0.3109	0.0026+0.0032	0.1644+0.0168
076	860502	0.3067+0.1890	0.4180+0.3409	0.0000+0.0032	0.1617+0.0174
076	860508	0.1891+0.1717	0.4136+0.3127	0.0000+0.0030	0.1194+0.0145
076	860514	0.1056+0.1625	0.0000+0.2997	0.0000+0.0028	0.0385+0.0111
076	860520	0.2355+0.1722	0.2954+0.3106	0.0000+0.0029	0.0999+0.0137
076	860526	0.0913+0.1722	0.3400+0.3145	0.0000+0.0028	0.0598+0.0123
076	860601	0.1088+0.1853	0.1602+0.3358	0.0000+0.0032	0.0578+0.0130
076	860607	0.2139+0.1609	0.0000+0.2949	0.0023+0.0029	0.0913+0.0128
076	860613	0.2643+0.1804	0.1303+0.3231	0.0000+0.0029	0.0601+0.0126
076	860619	0.2064+0.1831	0.3350+0.3316	0.0000+0.0032	0.0836+0.0136
076	860625	0.0727+0.1612	0.0000+0.3058	0.0000+0.0027	0.0481+0.0113

FINE PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	BA	LA	HG	PB
076	860701	0.2774+0.1738	0.5459+0.3161	0.0004+0.0030	0.0474+0.0119
076	860707	0.0507+0.1703	0.2550+0.3106	0.0017+0.0030	0.0140+0.0111
076	860713	0.2104+0.1679	0.5218+0.3091	0.0036+0.0029	0.0459+0.0117
076	860719	0.0419+0.1647	0.2983+0.2973	0.0000+0.0028	0.0679+0.0122
076	860725	0.0000+0.1671	0.0323+0.2997	0.0040+0.0030	0.0278+0.0113
076	860731	0.2936+0.1646	0.0671+0.2886	0.0020+0.0029	0.0270+0.0109
076	860806	0.2390+0.1607	0.1284+0.2838	0.0000+0.0027	0.0629+0.0117
076	860812	0.1060+0.1739	0.0000+0.3162	0.0030+0.0030	0.0223+0.0115
076	860818	0.0000+0.1659	0.4621+0.2926	0.0031+0.0030	0.1433+0.0152
076	860824	0.1750+0.1831	0.2603+0.3273	0.0008+0.0032	0.0747+0.0134
076	860830	0.0000+0.1582	0.2588+0.2792	0.0000+0.0025	0.0933+0.0126
076	860905	0.1802+0.1550	0.1177+0.2750	0.0000+0.0027	0.0573+0.0112
076	860911	0.0840+0.1616	0.0000+0.2872	0.0009+0.0028	0.0458+0.0112
076	860917	0.2045+0.1763	0.1316+0.3131	0.0013+0.0030	0.1543+0.0164
076	860923	0.1149+0.1666	0.4817+0.3020	0.0049+0.0030	0.1117+0.0139
076	860929	0.1985+0.1945	0.3876+0.3485	0.0000+0.0033	0.1620+0.0177
076	861005	0.2899+0.1645	0.3625+0.2922	0.0013+0.0028	0.2522+0.0214
076	861011	0.0530+0.1830	0.0000+0.3348	0.0000+0.0031	0.0484+0.0126
076	861017	0.1697+0.1712	0.2354+0.3058	0.0004+0.0030	0.1032+0.0139
076	861023	0.2823+0.1945	0.1731+0.3443	0.0023+0.0033	0.1234+0.0159
076	861029	0.0000+0.1578	0.3784+0.2803	0.0048+0.0029	0.1632+0.0161
076	861104	0.0000+0.2103	0.6130+0.3832	0.0018+0.0036	0.1377+0.0175
076	861110	0.0955+0.1611	0.1766+0.2886	0.0038+0.0029	0.2802+0.0233
076	861116	0.1324+0.1690	0.2132+0.3023	0.0029+0.0029	0.2432+0.0210
076	861122	0.3055+0.1651	0.3302+0.2924	0.0012+0.0028	0.0333+0.0110
076	861128	0.0747+0.1835	0.5831+0.3344	0.0000+0.0032	0.1670+0.0175
076	861204	0.1540+0.1570	0.4742+0.2840	0.0000+0.0027	0.3299+0.0262
076	861210	0.0660+0.1651	0.2457+0.2970	0.0007+0.0028	0.2735+0.0229
076	861216	0.3057+0.1596	0.3325+0.2824	0.0031+0.0029	0.2195+0.0194
076	861222	0.3335+0.1720	0.4822+0.3035	0.0000+0.0029	0.1946+0.0184
076	861228	0.2830+0.1769	0.5865+0.3159	0.0000+0.0031	0.2900+0.0245

## Part N

Fine Particle Concentrations Measured at  
Rubidoux during 1986

This section contains data on fine particle mass concentration and chemical composition measured during the year 1986 at Rubidoux. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following fine ( $d_p < 2.2 \mu\text{m AD}$ ) aerosol species: fine mass, organic carbon (OC), elemental carbon (EC), total carbon ( $\text{TC} = \text{OC} + \text{EC}$ ),  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ ,  $\text{Mg}^{++}$ , Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.990 \pm -9.990$  and by  $-9.999 \pm -9.999$ .

Values preceded by the symbol  $<$  are determined to be below their detection limit. In that case, the nominal measured concentration is reported, but the error bound is set equal to the instrumental detection limit for that sample. Therefore, the reported error is greater than the measured concentration. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol  $<$  has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by  $\text{Cl}^-$ , while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  concentrations were obtained by two methods. In one method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a nylon filter downstream of a Teflon-coated cyclone ( $d_p < 2.2 \mu\text{m AD}$ ) and a MgO-coated diffusion denuder designed to quantitatively remove acid gases from the air stream. Nitrate ion and  $\text{Cl}^-$  samples collected by this method are labeled

with the symbol CD [i.e.  $\text{Cl}^-(\text{CD})$  and  $\text{NO}_3^-(\text{CD})$ ]. In the second method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a polytetrafluoroethylene (PTFE) filter located downstream of the Teflon-coated cyclone alone. Nitrate ion and  $\text{Cl}^-$  collected by this method are specified as  $\text{NO}_3^-$  and  $\text{Cl}^-$ , only. Samples for  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ , and  $\text{Mg}^{++}$  determination also were collected on the PTFE filter downstream of the cyclone separator. Water soluble fine  $\text{Br}^-$  aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
144	860102	83.251+- 4.121	9.77+- 0.82	2.96+- 0.48	12.73+- 0.38	30.948+- 1.323	27.334+- 1.594
144	860108	17.024+- 4.010	3.65+- 0.51	2.09+- 0.43	5.74+- 0.17	.544+- .089	0.535+- 0.031
144	860114	19.396+- 4.004	7.39+- 0.69	2.96+- 0.47	10.35+- 0.31	2.563+- .123	1.751+- 0.102
144	860120	109.233+- 4.178	10.55+- 0.86	2.54+- 0.46	13.09+- 0.39	52.968+- 2.255	49.350+- 2.877
144	860126	11.393+- 4.024	3.40+- 0.50	1.05+- 0.38	4.45+- 0.13	.758+- .058	0.742+- 0.043
144	860201	47.233+- 4.112	8.48+- 0.76	2.02+- 0.44	10.49+- 0.31	14.001+- .602	12.146+- 0.708
144	860207	14.251+- 4.102	4.73+- 0.57	1.50+- 0.41	6.23+- 0.19	2.390+- .116	1.591+- 0.093
144	860213	18.394+- 4.106	5.07+- 0.59	1.64+- 0.41	6.71+- 0.20	6.196+- .272	2.406+- 0.140
144	860219	19.228+- 4.023	3.34+- 0.50	1.17+- 0.39	4.51+- 0.14	3.359+- .155	2.829+- 0.165
144	860225	70.242+- 4.046	11.96+- 0.93	4.08+- 0.53	16.04+- 0.48	28.688+- 1.224	23.759+- 1.385
144	860303	99.603+- 4.155	10.31+- 0.85	2.90+- 0.48	13.21+- 0.40	43.219+- 1.841	38.785+- 2.261
144	860309	-9.900+-9.900	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.900+-9.900	-9.900+-9.900
144	860315	7.469+- 4.048	3.28+- 0.49	0.82+- 0.37	4.10+- 0.12	3.728+- .170	3.630+- 0.212
144	860321	24.944+- 4.016	8.93+- 0.77	1.47+- 0.40	10.40+- 0.31	8.356+- .363	5.772+- 0.337
144	860327	71.803+- 4.093	14.01+- 1.03	3.92+- 0.52	17.93+- 0.54	22.511+- .962	17.341+- 1.011
144	860402	15.560+- 4.054	3.34+- 0.50	0.75+- 0.37	4.09+- 0.12	7.697+- .335	5.606+- 0.327
144	860408	20.701+- 3.992	5.16+- 0.58	1.67+- 0.41	6.83+- 0.20	8.706+- .378	7.800+- 0.455
144	860414	37.401+- 4.052	7.49+- 0.70	2.02+- 0.43	9.51+- 0.29	18.157+- .799	14.320+- 0.835
144	860420	29.169+- 4.056	8.12+- 0.74	1.47+- 0.41	9.59+- 0.29	10.779+- .492	6.227+- 0.363
144	860426	45.929+- 4.111	6.95+- 0.69	1.20+- 0.40	8.15+- 0.24	20.636+- .902	16.569+- 0.966
144	860502	52.031+- 4.062	8.32+- 0.75	3.12+- 0.49	11.44+- 0.34	22.755+- .991	15.852+- 0.924
144	860508	33.366+- 4.074	8.15+- 0.75	2.65+- 0.48	10.79+- 0.32	12.516+- .564	9.455+- 0.551
144	860514	54.955+- 4.103	5.78+- 0.63	1.21+- 0.40	6.99+- 0.21	23.220+- 1.011	19.418+- 1.132
144	860520	39.575+- 4.109	5.72+- 0.62	1.38+- 0.40	7.10+- 0.21	15.351+- .681	10.219+- 0.596
144	860526	48.479+- 4.079	7.55+- 0.71	1.03+- 0.39	8.58+- 0.26	21.880+- .954	14.653+- 0.854
144	860601	59.507+- 4.099	5.62+- 0.62	0.73+- 0.37	6.35+- 0.19	26.995+- 1.170	18.853+- 1.099
144	860607	54.617+- 4.085	8.24+- 0.75	1.29+- 0.41	9.52+- 0.29	25.107+- 1.090	18.355+- 1.070
144	860613	51.535+- 4.132	11.13+- 0.90	2.48+- 0.46	13.61+- 0.41	25.286+- 1.098	16.557+- 0.965
144	860619	50.489+- 4.089	11.80+- 0.93	2.57+- 0.47	14.37+- 0.43	24.520+- 1.065	15.646+- 0.912
144	860625	66.468+- 4.105	9.73+- 0.83	2.22+- 0.45	11.95+- 0.36	31.193+- 1.347	21.538+- 1.256



## FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
144	860701	15.735+- 4.010	6.64+- 0.67	2.09+- 0.44	8.73+- 0.26	7.671+- .366	1.393+- 0.081
144	860707	21.740+- 4.058	6.67+- 0.68	1.89+- 0.44	8.56+- 0.26	12.859+- .578	5.357+- 0.312
144	860713	24.638+- 4.008	6.40+- 0.66	1.11+- 0.40	7.51+- 0.23	10.149+- .467	2.094+- 0.122
144	860719	27.919+- 4.026	7.81+- 0.73	2.66+- 0.47	10.47+- 0.31	15.881+- .703	3.901+- 0.227
144	860725	19.883+- 4.016	5.46+- 0.61	1.84+- 0.43	7.30+- 0.22	11.884+- .538	6.121+- 0.357
144	860731	77.862+- 4.100	11.76+- 0.93	4.48+- 0.56	16.24+- 0.49	36.360+- 1.566	19.418+- 1.132
144	860806	39.286+- 4.070	6.45+- 0.66	2.16+- 0.45	8.61+- 0.26	21.530+- .940	11.196+- 0.653
144	860812	42.354+- 3.971	7.97+- 0.74	2.56+- 0.47	10.53+- 0.32	23.130+- 1.007	9.667+- 0.564
144	860818	25.090+- 4.012	8.24+- 0.75	3.00+- 0.49	11.25+- 0.34	7.528+- .361	1.044+- 0.061
144	860824	53.516+- 4.008	8.52+- 0.76	1.94+- 0.43	10.46+- 0.31	24.189+- 1.050	13.648+- 0.796
144	860830	32.682+- 4.001	8.55+- 0.76	2.58+- 0.46	11.13+- 0.33	19.625+- .858	7.593+- 0.443
144	860905	83.680+- 4.114	12.64+- 0.97	4.85+- 0.58	17.50+- 0.52	39.698+- 1.706	25.652+- 1.496
144	860911	52.772+- 4.028	7.16+- 0.70	2.56+- 0.47	9.72+- 0.29	22.106+- .964	14.507+- 0.846
144	860917	29.793+- 4.083	8.41+- 0.76	3.73+- 0.52	12.15+- 0.36	11.716+- .530	4.618+- 0.269
144	860923	-9.900+-9.900	2.64+- 0.47	0.95+- 0.38	3.58+- 0.11	5.021+- .264	3.052+- 0.178
144	860929	44.507+- 4.014	6.46+- 0.67	2.86+- 0.49	9.32+- 0.28	19.594+- .858	13.725+- 0.800
144	861005	-9.900+-9.900	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.900+-9.900	-9.900+-9.900
144	861011	40.506+- 4.054	3.37+- 0.51	0.68+- 0.37	4.06+- 0.12	15.854+- .702	13.113+- 0.764
144	861017	46.607+- 4.050	5.97+- 0.64	1.75+- 0.43	7.72+- 0.23	26.362+- 1.143	22.521+- 1.313
144	861023	84.147+- 4.130	11.59+- 0.92	4.95+- 0.59	16.54+- 0.50	35.190+- 1.516	32.611+- 1.901
144	861029	242.631+- 4.763	25.68+- 1.63	5.89+- 0.64	31.57+- 0.95	08.970+- 4.644	93.019+- 5.423
144	861104	34.734+- 3.983	9.34+- 0.80	4.52+- 0.56	13.86+- 0.42	13.603+- .608	10.064+- 0.587
144	861110	525.797+- 6.683	3.64+- 0.52	1.78+- 0.42	5.42+- 0.16	.364+- .135	0.319+- 0.019
144	861116	37.681+- 3.991	10.25+- 0.85	3.43+- 0.51	13.68+- 0.41	16.382+- .723	12.056+- 0.703
144	861122	< 0.609+- 4.938	1.82+- 0.43	< 0.41+- 0.43	< 2.23+- 0.07	1.189+- .149	0.238+- 0.014
144	861128	32.019+- 4.046	9.83+- 0.83	3.93+- 0.54	13.76+- 0.41	11.933+- .539	11.160+- 0.651
144	861204	-9.900+-9.900	17.55+- 1.22	10.03+- 0.85	27.58+- 0.83	21.591+- .942	28.655+- 1.671
144	861210	6.042+- 4.023	4.00+- 0.54	1.80+- 0.43	5.80+- 0.17	.496+- .138	1.210+- 0.071
144	861216	20.819+- 3.998	6.60+- 0.67	3.13+- 0.49	9.74+- 0.29	4.668+- .251	2.641+- 0.154
144	861222	28.514+- 4.037	8.44+- 0.76	3.95+- 0.54	12.39+- 0.37	6.067+- .304	5.661+- 0.330
144	861228	14.289+- 4.063	6.69+- 0.68	2.13+- 0.45	8.82+- 0.26	7.849+- .374	4.847+- 0.283

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
144	860102	< .460+- .817	0.572+- 0.131	5.319+- 0.302	10.652+- 0.429	< 0.000+- 0.121	< 0.031+- 0.051
144	860108	< .269+- .805	0.629+- 0.141	0.565+- 0.032	0.179+- 0.007	< 0.000+- 0.120	< 0.037+- 0.050
144	860114	< .125+- .291	0.129+- 0.063	1.670+- 0.095	0.994+- 0.040	< 0.020+- 0.120	< 0.037+- 0.050
144	860120	.637+- .152	0.701+- 0.153	9.100+- 0.517	18.959+- 0.764	0.304+- 0.095	< 0.013+- 0.051
144	860126	.350+- .148	0.208+- 0.074	0.507+- 0.029	0.097+- 0.004	< 0.000+- 0.121	< 0.032+- 0.051
144	860201	1.374+- .166	0.540+- 0.126	2.657+- 0.151	4.747+- 0.191	< 0.064+- 0.122	< 0.026+- 0.051
144	860207	.355+- .151	0.162+- 0.068	0.754+- 0.043	0.298+- 0.012	< 0.018+- 0.122	< 0.013+- 0.051
144	860213	.687+- .155	< 0.000+- 0.099	1.136+- 0.065	1.069+- 0.043	< 0.000+- 0.122	< 0.026+- 0.051
144	860219	.998+- .158	0.495+- 0.118	1.876+- 0.107	1.475+- 0.059	0.371+- 0.104	0.113+- 0.038
144	860225	.792+- .153	0.119+- 0.062	1.560+- 0.089	8.095+- 0.326	< 0.006+- 0.119	< 0.050+- 0.050
144	860303	.500+- .150	0.409+- 0.104	6.807+- 0.387	14.784+- 0.596	0.195+- 0.080	< 0.012+- 0.050
144	860309	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
144	860315	.826+- .154	0.260+- 0.081	1.260+- 0.072	0.842+- 0.034	1.008+- 0.206	< 0.037+- 0.050
144	860321	.350+- .149	< 0.039+- 0.098	1.077+- 0.061	1.893+- 0.076	< 0.103+- 0.121	< 0.025+- 0.051
144	860327	.792+- .154	< 0.085+- 0.098	5.511+- 0.313	7.325+- 0.295	< 0.083+- 0.121	< 0.050+- 0.051
144	860402	1.066+- .160	0.188+- 0.072	4.288+- 0.244	2.811+- 0.113	0.552+- 0.132	0.063+- 0.021
144	860408	.687+- .153	0.199+- 0.072	2.437+- 0.138	3.182+- 0.128	0.243+- 0.086	< 0.025+- 0.050
144	860414	-9.900+-9.900	0.219+- 0.075	3.169+- 0.180	5.580+- 0.225	0.371+- 0.104	< 0.050+- 0.051
144	860420		< 0.048+- 0.095	1.516+- 0.086	1.833+- 0.074	0.164+- 0.076	0.060+- 0.020
144	860426		0.432+- 0.107	7.425+- 0.422	7.535+- 0.304	0.977+- 0.200	0.068+- 0.023
144	860502		0.263+- 0.081	5.591+- 0.318	7.249+- 0.292	0.643+- 0.145	0.102+- 0.034
144	860508		0.339+- 0.092	2.528+- 0.144	3.372+- 0.136	0.521+- 0.125	0.112+- 0.038
144	860514		0.569+- 0.130	7.737+- 0.440	9.219+- 0.372	0.792+- 0.169	0.068+- 0.023
144	860520		0.219+- 0.074	5.805+- 0.330	5.036+- 0.203	0.705+- 0.154	0.090+- 0.030
144	860526		0.122+- 0.062	6.698+- 0.381	7.069+- 0.285	0.708+- 0.155	0.056+- 0.019
144	860601		0.264+- 0.080	7.823+- 0.445	9.560+- 0.385	0.239+- 0.084	< 0.022+- 0.049
144	860607		0.254+- 0.079	7.783+- 0.442	8.889+- 0.358	0.385+- 0.105	0.050+- 0.017
144	860613		0.171+- 0.068	7.395+- 0.420	7.687+- 0.310	0.588+- 0.136	0.062+- 0.021
144	860619		0.105+- 0.059	6.692+- 0.380	7.350+- 0.296	0.488+- 0.120	0.089+- 0.030
144	860625		0.136+- 0.063	9.844+- 0.559	10.833+- 0.437	0.284+- 0.090	< 0.022+- 0.049

FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
144	860701		< 0.012+- 0.092	3.223+- 0.183	1.439+- 0.058	0.311+- 0.093	< 0.022+- 0.048
144	860707		< 0.037+- 0.095	3.461+- 0.197	2.678+- 0.108	0.576+- 0.134	< 0.039+- 0.049
144	860713		< 0.038+- 0.095	4.335+- 0.246	2.366+- 0.095	< 0.098+- 0.118	< 0.011+- 0.049
144	860719		< 0.047+- 0.095	3.222+- 0.183	2.283+- 0.092	0.453+- 0.115	< 0.034+- 0.049
144	860725		0.102+- 0.059	3.967+- 0.225	2.991+- 0.121	0.337+- 0.098	< 0.011+- 0.049
144	860731		0.132+- 0.063	11.705+- 0.665	10.413+- 0.420	0.466+- 0.117	< 0.045+- 0.050
144	860806		< 0.068+- 0.096	7.451+- 0.423	6.058+- 0.244	0.648+- 0.146	< 0.023+- 0.050
144	860812		0.160+- 0.066	8.130+- 0.462	6.387+- 0.257	0.220+- 0.082	< 0.033+- 0.049
144	860818		< 0.037+- 0.093	3.736+- 0.212	1.519+- 0.061	0.224+- 0.082	0.055+- 0.019
144	860824		0.140+- 0.063	8.261+- 0.469	7.311+- 0.295	0.643+- 0.144	0.072+- 0.024
144	860830		0.099+- 0.058	5.041+- 0.286	3.866+- 0.156	0.433+- 0.111	0.066+- 0.022
144	860905		0.189+- 0.070	12.098+- 0.687	12.486+- 0.503	0.344+- 0.098	0.056+- 0.019
144	860911		0.266+- 0.080	6.031+- 0.343	7.239+- 0.292	0.513+- 0.123	0.084+- 0.028
144	860917		0.140+- 0.063	2.133+- 0.121	2.088+- 0.084	0.345+- 0.099	0.292+- 0.098
144	860923		< 0.090+- 0.093	2.348+- 0.133	1.587+- 0.064	0.297+- 0.091	< 0.033+- 0.049
144	860929		< 0.083+- 0.095	3.027+- 0.172	6.129+- 0.247	0.269+- 0.089	< 0.011+- 0.050
144	861005		-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900
144	861011		0.481+- 0.115	5.867+- 0.333	6.433+- 0.259	0.227+- 0.083	< 0.011+- 0.049
144	861017		0.238+- 0.077	7.065+- 0.401	9.814+- 0.396	0.213+- 0.081	< 0.049+- 0.049
144	861023		0.672+- 0.147	8.114+- 0.461	13.183+- 0.531	0.324+- 0.095	0.055+- 0.019
144	861029		0.334+- 0.091	18.365+- 1.044	38.222+- 1.541	0.238+- 0.084	< 0.025+- 0.049
144	861104		0.270+- 0.080	2.309+- 0.131	3.755+- 0.151	0.142+- 0.070	< 0.010+- 0.047
144	861110		0.257+- 0.070	0.376+- 0.021	0.103+- 0.004	< 0.004+- 0.090	< 0.038+- 0.038
144	861116		< 0.085+- 0.093	1.527+- 0.087	4.101+- 0.165	< 0.087+- 0.115	< 0.048+- 0.048
144	861122		< 0.000+- 0.095	0.812+- 0.046	0.302+- 0.012	< 0.024+- 0.117	< 0.049+- 0.049
144	861128		0.131+- 0.062	1.115+- 0.063	3.469+- 0.140	0.163+- 0.075	< 0.049+- 0.049
144	861204		1.560+- 0.305	2.594+- 0.147	9.478+- 0.382	0.408+- 0.108	0.140+- 0.047
144	861210		1.452+- 0.286	0.794+- 0.045	0.298+- 0.012	0.405+- 0.108	0.050+- 0.017
144	861216		0.179+- 0.068	2.943+- 0.167	1.267+- 0.051	0.248+- 0.085	0.146+- 0.049
144	861222		0.382+- 0.098	1.573+- 0.089	2.226+- 0.090	< 0.007+- 0.116	< 0.049+- 0.049
144	861228		< 0.067+- 0.094	0.882+- 0.050	1.783+- 0.072	< 0.033+- 0.117	< 0.049+- 0.049

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	AL	SI	P	S	CL	K
144	860102	0.1037+0.0187	0.1340+0.0209	0.0622+0.0140	2.1281+0.1824	0.4450+0.0455	0.1508+0.0168
144	860108	0.1539+0.0245	0.2853+0.0419	0.0223+0.0067	0.3488+0.0560	0.5397+0.0518	0.2242+0.0222
144	860114	0.1400+0.0230	0.3067+0.0450	0.0307+0.0082	0.8089+0.0862	0.1124+0.0245	0.1311+0.0157
144	860120	0.1946+0.0297	0.3062+0.0450	0.0950+0.0206	3.7027+0.3045	0.3932+0.0427	0.1416+0.0164
144	860126	0.1915+0.0295	0.4232+0.0616	0.0212+0.0069	0.2387+0.0545	0.3024+0.0362	0.5683+0.0487
144	860201	0.1046+0.0189	0.1279+0.0201	0.0420+0.0100	1.3222+0.1227	0.3891+0.0416	0.1282+0.0155
144	860207	0.0946+0.0186	0.3041+0.0450	0.0066+0.0055	0.3539+0.0605	0.1720+0.0293	0.0886+0.0139
144	860213	0.0714+0.0156	0.0625+0.0119	0.0209+0.0067	0.4409+0.0631	0.0417+0.0219	0.0747+0.0124
144	860219	0.0860+0.0166	0.0628+0.0116	0.0302+0.0079	0.6829+0.0757	0.3227+0.0363	0.0495+0.0103
144	860225	0.1583+0.0251	0.3141+0.0460	0.0587+0.0134	0.7787+0.0846	0.0889+0.0233	0.0832+0.0125
144	860303	0.1261+0.0217	0.2345+0.0349	0.0727+0.0162	2.8622+0.2397	0.1759+0.0295	0.1010+0.0140
144	860309	0.0426+0.0132	0.0382+0.0093	0.0174+0.0061	0.5899+0.0711	0.0468+0.0220	0.0537+0.0112
144	860315	0.0388+0.0133	0.0747+0.0135	0.0099+0.0054	0.3879+0.0604	0.1671+0.0281	0.0411+0.0109
144	860321	0.1508+0.0242	0.3132+0.0459	0.0400+0.0097	0.4431+0.0638	0.1046+0.0240	0.0586+0.0112
144	860327	0.2868+0.0413	0.5800+0.0839	0.0776+0.0171	2.2452+0.1918	0.1316+0.0257	0.1612+0.0177
144	860402	0.1414+0.0230	0.2179+0.0318	0.0000+0.0099	1.5112+0.1260	0.1058+0.0252	0.0594+0.0114
144	860408	0.1072+0.0187	0.1538+0.0229	0.0000+0.0087	1.0817+0.0957	0.1035+0.0230	0.0632+0.0107
144	860414	0.2085+0.0306	0.3590+0.0510	0.0164+0.0082	1.3273+0.1137	0.1217+0.0248	0.1181+0.0142
144	860420	0.3448+0.0478	0.7088+0.0995	0.0071+0.0065	0.6804+0.0767	0.0490+0.0236	0.1364+0.0159
144	860426	0.2178+0.0320	0.4428+0.0627	0.0000+0.0167	2.9180+0.2236	0.2157+0.0307	0.1340+0.0154
144	860502	0.3492+0.0483	0.7752+0.1086	0.0174+0.0088	2.3201+0.1817	0.0766+0.0248	0.1665+0.0175
144	860508	0.2509+0.0357	0.4641+0.0656	0.0000+0.0127	1.0828+0.0981	0.0728+0.0221	0.1418+0.0155
144	860514	0.2251+0.0330	0.4695+0.0664	0.0000+0.0176	3.3031+0.2506	0.2794+0.0350	0.1291+0.0154
144	860520	0.2361+0.0341	0.4749+0.0672	0.0123+0.0067	2.4977+0.1948	0.1406+0.0268	0.1810+0.0183
144	860526	0.2221+0.0326	0.4382+0.0620	0.0112+0.0071	2.7551+0.2121	0.0404+0.0241	0.1915+0.0192
144	860601	0.2539+0.0366	0.4315+0.0612	0.0000+0.0160	3.3849+0.2561	0.0643+0.0258	0.1708+0.0180
144	860607	0.2486+0.0355	0.4381+0.0619	0.0000+0.0189	3.0114+0.2290	0.1060+0.0250	0.1700+0.0174
144	860613	0.3158+0.0443	0.5722+0.0807	0.0000+0.0192	2.9041+0.2238	0.1549+0.0286	0.1837+0.0188
144	860619	0.5122+0.0691	0.5880+0.0828	0.0397+0.0200	2.9609+0.2268	0.0498+0.0248	0.2044+0.0201
144	860625	0.2939+0.0413	0.4907+0.0693	0.0000+0.0238	4.0360+0.3012	0.0000+0.0229	0.1575+0.0168

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	AL	SI	P	S	CL	K
144	860701	0.2487+0.0357	0.5586+0.0786	0.0094+0.0063	1.3241+0.1139	0.0433+0.0231	0.1633+0.0173
144	860707	0.1951+0.0288	0.2989+0.0427	0.0000+0.0122	1.5208+0.1259	0.0081+0.0199	0.1683+0.0171
144	860713	0.2202+0.0315	0.3428+0.0486	0.0000+0.0131	1.7615+0.1407	0.0198+0.0198	0.1302+0.0145
144	860719	0.3002+0.0416	0.5108+0.0719	0.0105+0.0055	1.3312+0.1129	0.1014+0.0231	0.2009+0.0191
144	860725	0.1936+0.0281	0.2446+0.0352	0.0075+0.0052	1.4825+0.1223	0.0531+0.0208	0.1149+0.0135
144	860731	0.3698+0.0505	0.6647+0.0933	0.0144+0.0072	4.5424+0.3377	0.0673+0.0241	0.2271+0.0209
144	860806	0.2436+0.0345	0.3845+0.0545	0.0066+0.0055	3.0793+0.2344	0.0560+0.0218	0.1511+0.0158
144	860812	0.4051+0.0547	0.5058+0.0711	0.0000+0.0192	3.1996+0.2402	0.1069+0.0241	0.1651+0.0166
144	860818	0.3595+0.0493	0.6889+0.0966	0.0000+0.0131	1.5442+0.1278	0.0000+0.0206	0.3065+0.0264
144	860824	0.2646+0.0371	0.4915+0.0691	0.0000+0.0214	3.4832+0.2609	0.0588+0.0228	0.2332+0.0212
144	860830	0.3001+0.0416	0.5347+0.0752	0.0000+0.0148	2.1366+0.1677	0.0396+0.0218	0.2188+0.0204
144	860905	0.4255+0.0578	0.6209+0.0872	0.0000+0.0265	4.7507+0.3528	0.1121+0.0274	0.3685+0.0308
144	860911	0.2448+0.0347	0.4409+0.0622	0.0000+0.0168	2.4914+0.1923	0.1557+0.0264	0.1293+0.0146
144	860917	0.3127+0.0437	0.6449+0.0908	0.0087+0.0095	1.0164+0.0961	0.0833+0.0250	0.1779+0.0184
144	860923	0.1147+0.0188	0.1878+0.0274	0.0000+0.0074	0.9545+0.0868	0.0370+0.0201	0.0685+0.0108
144	860929	0.1523+0.0234	0.2445+0.0351	0.0000+0.0124	1.4924+0.1233	0.0840+0.0219	0.1023+0.0126
144	861005	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	861011	0.1338+0.0213	0.1405+0.0212	0.0000+0.0115	2.3651+0.1841	0.3854+0.0395	0.0552+0.0104
144	861017	0.1663+0.0253	0.2834+0.0406	0.0000+0.0158	2.7808+0.2134	0.0616+0.0232	0.1146+0.0139
144	861023	0.2972+0.0415	0.4590+0.0648	0.0000+0.0198	3.0734+0.2353	0.1700+0.0284	0.1856+0.0184
144	861029	0.3314+0.0463	0.5925+0.0835	0.0000+0.0222	4.9842+0.3730	0.0745+0.0285	0.1902+0.0192
144	861104	0.2822+0.0393	0.5714+0.0802	0.0000+0.0152	1.1272+0.1002	0.0796+0.0220	0.1442+0.0154
144	861110	0.2993+0.0416	0.6474+0.0908	0.0000+0.0068	0.1797+0.0456	0.1282+0.0245	0.1708+0.0174
144	861116	0.2375+0.0339	0.4187+0.0591	0.0291+0.0146	0.8831+0.0845	0.0433+0.0210	0.2040+0.0194
144	861122	0.0960+0.0170	0.1505+0.0225	0.0000+0.0060	0.3014+0.0484	0.0051+0.0193	0.0565+0.0105
144	861128	0.2335+0.0334	0.3596+0.0511	0.0000+0.0085	0.4374+0.0592	0.0561+0.0212	0.1848+0.0181
144	861204	0.3446+0.0480	0.7201+0.1012	0.0000+0.0132	0.6640+0.0762	0.8133+0.0689	0.4402+0.0362
144	861210	0.0809+0.0154	0.1299+0.0197	0.0000+0.0060	0.2657+0.0454	0.0875+0.0213	0.0569+0.0101
144	861216	0.2319+0.0331	0.3498+0.0497	0.0000+0.0087	1.0486+0.0944	0.0980+0.0237	0.1676+0.0172
144	861222	0.2115+0.0306	0.3215+0.0458	0.0000+0.0108	0.6796+0.0715	0.3305+0.0353	0.1513+0.0160
144	861228	0.1226+0.0206	0.2685+0.0386	0.0201+0.0100	0.4318+0.0566	0.1220+0.0241	0.1236+0.0145

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	CA	TI	V	CR	MN	FE
144	860102	0.1065+0.0118	0.0064+0.0036	0.0049+0.0028	0.0064+0.0027	0.0124+0.0035	0.0569+0.0076
144	860108	0.5162+0.0429	0.0101+0.0038	0.0036+0.0028	0.0044+0.0027	0.0161+0.0037	0.1290+0.0125
144	860114	0.3392+0.0292	0.0198+0.0044	0.0020+0.0028	0.0064+0.0027	0.0165+0.0039	0.1638+0.0152
144	860120	0.3808+0.0325	0.0232+0.0045	0.0035+0.0028	0.0035+0.0025	0.0210+0.0040	0.1824+0.0166
144	860126	0.6262+0.0517	0.0155+0.0043	0.0042+0.0030	0.0024+0.0028	0.0111+0.0038	0.1876+0.0170
144	860201	0.2284+0.0209	0.0173+0.0041	0.0030+0.0027	0.0024+0.0025	0.0153+0.0036	0.1251+0.0124
144	860207	0.3821+0.0330	0.0110+0.0044	0.0008+0.0030	0.0030+0.0029	0.0094+0.0040	0.1213+0.0124
144	860213	0.1073+0.0120	0.0029+0.0037	0.0005+0.0027	0.0024+0.0027	0.0157+0.0040	0.0560+0.0077
144	860219	0.0268+0.0066	0.0130+0.0038	0.0044+0.0028	0.0044+0.0025	0.0114+0.0035	0.0730+0.0086
144	860225	0.3534+0.0302	0.0174+0.0042	0.0029+0.0028	0.0050+0.0027	0.0231+0.0041	0.1973+0.0176
144	860303	0.1086+0.0121	0.0129+0.0042	0.0038+0.0030	0.0028+0.0027	0.0190+0.0041	0.1621+0.0151
144	860309	0.0675+0.0094	0.0091+0.0040	0.0000+0.0029	0.0029+0.0027	0.0081+0.0037	0.0145+0.0056
144	860315	0.0596+0.0090	0.0091+0.0041	0.0022+0.0030	0.0016+0.0028	0.0082+0.0038	0.0435+0.0071
144	860321	0.3180+0.0276	0.0127+0.0040	0.0033+0.0028	0.0009+0.0025	0.0164+0.0037	0.1732+0.0158
144	860327	0.5649+0.0468	0.0285+0.0047	0.0080+0.0030	0.0038+0.0025	0.0243+0.0040	0.2663+0.0229
144	860402	0.0909+0.0105	0.0079+0.0040	0.0043+0.0030	0.0003+0.0030	0.0043+0.0036	0.0693+0.0083
144	860408	0.1221+0.0120	0.0160+0.0040	0.0023+0.0026	0.0022+0.0026	0.0098+0.0035	0.1154+0.0108
144	860414	0.2382+0.0200	0.0154+0.0040	0.0052+0.0028	0.0005+0.0027	0.0127+0.0037	0.1407+0.0126
144	860420	0.7239+0.0540	0.0271+0.0049	0.0000+0.0030	0.0000+0.0030	0.0128+0.0040	0.2494+0.0202
144	860426	0.2009+0.0176	0.0161+0.0042	0.0078+0.0031	0.0000+0.0029	0.0108+0.0037	0.1285+0.0120
144	860502	0.3378+0.0269	0.0290+0.0049	0.0013+0.0030	0.0046+0.0030	0.0135+0.0040	0.2695+0.0214
144	860508	0.4316+0.0334	0.0204+0.0041	0.0035+0.0027	0.0000+0.0025	0.0111+0.0035	0.1960+0.0163
144	860514	0.2259+0.0194	0.0337+0.0052	0.0076+0.0033	0.0000+0.0029	0.0128+0.0040	0.2064+0.0172
144	860520	0.2113+0.0183	0.0188+0.0043	0.0061+0.0030	0.0019+0.0029	0.0142+0.0039	0.1911+0.0162
144	860526	0.2029+0.0178	0.0144+0.0043	0.0055+0.0032	0.0028+0.0030	0.0069+0.0038	0.1608+0.0141
144	860601	0.2318+0.0198	0.0272+0.0049	0.0011+0.0032	0.0000+0.0030	0.0044+0.0040	0.1732+0.0150
144	860607	0.1572+0.0145	0.0155+0.0040	0.0091+0.0030	0.0003+0.0027	0.0140+0.0037	0.1550+0.0135
144	860613	0.3250+0.0263	0.0327+0.0052	0.0006+0.0030	0.0045+0.0030	0.0160+0.0041	0.2643+0.0213
144	860619	0.3481+0.0278	0.0247+0.0048	0.0092+0.0034	0.0000+0.0030	0.0147+0.0040	0.2416+0.0196
144	860625	0.2272+0.0194	0.0311+0.0050	0.0069+0.0032	0.0000+0.0027	0.0128+0.0038	0.2225+0.0182

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	CA	TI	V	CR	MN	FE
144	860701	0.2525+0.0210	0.0308+0.0051	0.0072+0.0033	0.0000+0.0030	0.0159+0.0040	0.1978+0.0165
144	860707	0.1571+0.0145	0.0188+0.0041	0.0057+0.0029	0.0016+0.0027	0.0074+0.0033	0.1349+0.0122
144	860713	0.1387+0.0132	0.0076+0.0035	0.0069+0.0027	0.0048+0.0025	0.0089+0.0033	0.1403+0.0123
144	860719	0.3111+0.0251	0.0360+0.0049	0.0069+0.0028	0.0030+0.0025	0.0142+0.0035	0.2479+0.0198
144	860725	0.1304+0.0127	0.0148+0.0037	0.0056+0.0027	0.0017+0.0023	0.0066+0.0031	0.1211+0.0112
144	860731	0.3307+0.0265	0.0304+0.0046	0.0074+0.0028	0.0045+0.0025	0.0110+0.0033	0.3210+0.0249
144	860806	0.2417+0.0203	0.0444+0.0054	0.0065+0.0027	0.0024+0.0024	0.0118+0.0034	0.1926+0.0161
144	860812	0.2294+0.0193	0.0298+0.0045	0.0108+0.0030	0.0034+0.0025	0.0102+0.0033	0.2627+0.0207
144	860818	0.3047+0.0247	0.0289+0.0046	0.0131+0.0032	0.0000+0.0027	0.0158+0.0037	0.2951+0.0231
144	860824	0.2301+0.0195	0.0209+0.0042	0.0102+0.0028	0.0017+0.0025	0.0070+0.0033	0.1832+0.0152
144	860830	0.3457+0.0275	0.0421+0.0054	0.0081+0.0030	0.0000+0.0025	0.0155+0.0037	0.2301+0.0185
144	860905	0.4016+0.0317	0.0392+0.0054	0.0082+0.0030	0.0028+0.0027	0.0130+0.0037	0.2555+0.0205
144	860911	0.2046+0.0177	0.0252+0.0044	0.0093+0.0028	0.0047+0.0027	0.0121+0.0035	0.2080+0.0170
144	860917	0.4222+0.0332	0.0289+0.0048	0.0063+0.0030	0.0022+0.0029	0.0133+0.0039	0.3104+0.0245
144	860923	0.0893+0.0100	0.0074+0.0034	0.0000+0.0023	0.0033+0.0025	0.0071+0.0033	0.0906+0.0092
144	860929	0.1842+0.0162	0.0155+0.0037	0.0048+0.0025	0.0000+0.0023	0.0140+0.0033	0.1457+0.0127
144	861005	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	861011	0.0475+0.0079	0.0033+0.0035	0.0041+0.0027	0.0000+0.0025	0.0064+0.0033	0.0575+0.0073
144	861017	0.1103+0.0117	0.0183+0.0040	0.0039+0.0027	0.0033+0.0027	0.0078+0.0035	0.1296+0.0118
144	861023	0.3534+0.0282	0.0258+0.0044	0.0098+0.0030	0.0027+0.0027	0.0187+0.0039	0.2372+0.0191
144	861029	0.2305+0.0200	0.0435+0.0058	0.0116+0.0034	0.0060+0.0030	0.0295+0.0047	0.3037+0.0240
144	861104	0.4572+0.0351	0.0334+0.0046	0.0071+0.0027	0.0034+0.0025	0.0199+0.0037	0.2874+0.0224
144	861110	0.3898+0.0305	0.0292+0.0047	0.0022+0.0028	0.0028+0.0026	0.0149+0.0037	0.2415+0.0194
144	861116	0.4305+0.0333	0.0246+0.0044	0.0006+0.0025	0.0020+0.0025	0.0200+0.0037	0.2649+0.0209
144	861122	0.0433+0.0076	0.0076+0.0035	0.0006+0.0025	0.0024+0.0025	0.0006+0.0032	0.0554+0.0072
144	861128	0.3536+0.0281	0.0174+0.0039	0.0014+0.0025	0.0016+0.0025	0.0223+0.0038	0.1966+0.0162
144	861204	0.7164+0.0543	0.0315+0.0052	0.0062+0.0032	0.0029+0.0030	0.0255+0.0045	0.3877+0.0300
144	861210	0.0756+0.0093	0.0055+0.0033	0.0063+0.0027	0.0000+0.0024	0.0053+0.0031	0.0547+0.0070
144	861216	0.3115+0.0251	0.0124+0.0038	0.0000+0.0025	0.0000+0.0025	0.0068+0.0034	0.1861+0.0156
144	861222	0.4679+0.0361	0.0165+0.0039	0.0019+0.0025	0.0047+0.0025	0.0149+0.0035	0.1852+0.0155
144	861228	0.1427+0.0138	0.0055+0.0035	0.0035+0.0027	0.0003+0.0025	0.0147+0.0036	0.1397+0.0126

FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	NI	CU	ZN	GA	AS	SE
144	860102	0.0011+0.0022	0.0000+0.0024	0.0261+0.0034	0.0000+0.0017	0.0011+0.0088	0.0003+0.0025
144	860108	0.0056+0.0024	0.0331+0.0041	0.0376+0.0042	0.0005+0.0017	0.0081+0.0077	0.0000+0.0025
144	860114	0.0008+0.0022	0.0028+0.0027	0.0394+0.0043	0.0000+0.0019	0.0011+0.0097	0.0000+0.0025
144	860120	0.0071+0.0024	0.1046+0.0094	0.1073+0.0095	0.0000+0.0019	0.0088+0.0099	0.0000+0.0025
144	860126	0.0039+0.0025	0.1284+0.0113	0.0544+0.0056	0.0020+0.0020	0.0031+0.0085	0.0000+0.0027
144	860201	0.0030+0.0022	0.0161+0.0032	0.0297+0.0037	0.0000+0.0017	0.0021+0.0086	0.0013+0.0025
144	860207	0.0000+0.0024	0.0193+0.0037	0.0253+0.0036	0.0010+0.0019	0.0029+0.0083	0.0000+0.0029
144	860213	0.0026+0.0024	0.0104+0.0029	0.0235+0.0034	0.0000+0.0018	0.0000+0.0080	0.0000+0.0026
144	860219	0.0000+0.0020	0.0388+0.0044	0.0343+0.0040	0.0000+0.0017	0.0000+0.0077	0.0006+0.0025
144	860225	0.0028+0.0022	0.0456+0.0050	0.0681+0.0064	0.0003+0.0019	0.0000+0.0113	0.0000+0.0025
144	860303	0.0058+0.0025	0.0143+0.0033	0.0407+0.0045	0.0013+0.0019	0.0030+0.0096	0.0014+0.0027
144	860309	0.0011+0.0022	0.0153+0.0032	0.0113+0.0026	0.0000+0.0018	0.0033+0.0072	0.0005+0.0027
144	860315	0.0017+0.0024	0.0214+0.0037	0.0192+0.0031	0.0003+0.0019	0.0016+0.0077	0.0000+0.0027
144	860321	0.0030+0.0022	0.0741+0.0071	0.0745+0.0070	0.0017+0.0019	0.0117+0.0097	0.0000+0.0025
144	860327	0.0013+0.0022	0.0223+0.0034	0.0519+0.0053	0.0000+0.0019	0.0000+0.0108	0.0000+0.0024
144	860402	0.0033+0.0025	0.0395+0.0044	0.0358+0.0039	0.0000+0.0019	0.0000+0.0081	0.0024+0.0027
144	860408	0.0036+0.0023	0.0249+0.0035	0.0311+0.0035	0.0012+0.0019	0.0000+0.0082	0.0008+0.0023
144	860414	0.0071+0.0025	0.4866+0.0355	0.3871+0.0285	0.0000+0.0020	0.0000+0.0099	0.0000+0.0025
144	860420	0.0000+0.0025	0.0110+0.0030	0.0337+0.0037	0.0000+0.0020	0.0000+0.0115	0.0011+0.0028
144	860426	0.0013+0.0024	0.0029+0.0027	0.0153+0.0027	0.0000+0.0019	0.0088+0.0081	0.0029+0.0027
144	860502	0.0053+0.0027	0.0538+0.0053	0.0614+0.0056	0.0000+0.0020	0.0000+0.0111	0.0000+0.0027
144	860508	0.0024+0.0022	0.0144+0.0029	0.0271+0.0032	0.0000+0.0019	0.0041+0.0093	0.0000+0.0024
144	860514	0.0040+0.0025	0.1744+0.0136	0.1345+0.0107	0.0000+0.0021	0.0000+0.0089	0.0035+0.0029
144	860520	0.0006+0.0024	0.1345+0.0107	0.0841+0.0072	0.0000+0.0019	0.0000+0.0092	0.0021+0.0026
144	860526	0.0003+0.0025	0.0434+0.0046	0.0394+0.0041	0.0000+0.0021	0.0000+0.0093	0.0000+0.0027
144	860601	0.0057+0.0027	0.0480+0.0050	0.0430+0.0044	0.0000+0.0021	0.0000+0.0088	0.0021+0.0028
144	860607	0.0036+0.0024	0.0200+0.0033	0.0232+0.0031	0.0000+0.0019	0.0000+0.0090	0.0028+0.0025
144	860613	0.0088+0.0029	0.0137+0.0031	0.0339+0.0038	0.0000+0.0021	0.0000+0.0107	0.0032+0.0029
144	860619	0.0040+0.0027	0.0436+0.0048	0.0582+0.0054	0.0000+0.0021	0.0013+0.0100	0.0049+0.0029
144	860625	0.0049+0.0025	0.0065+0.0027	0.0426+0.0042	0.0000+0.0019	0.0019+0.0095	0.0032+0.0027



## FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	NI	CU	ZN	GA	AS	SE
144	860701	0.0078+0.0027	0.0226+0.0036	0.0319+0.0036	0.0000+0.0020	0.0000+0.0091	0.0009+0.0027
144	860707	0.0055+0.0024	0.0035+0.0024	0.0300+0.0034	0.0000+0.0017	0.0000+0.0084	0.0003+0.0024
144	860713	0.0050+0.0022	0.0597+0.0054	0.0490+0.0046	0.0030+0.0017	0.0070+0.0072	0.0028+0.0023
144	860719	0.0130+0.0027	0.1341+0.0107	0.1185+0.0094	0.0005+0.0017	0.0000+0.0092	0.0023+0.0024
144	860725	0.0113+0.0026	0.0272+0.0036	0.0369+0.0038	0.0019+0.0017	0.0000+0.0077	0.0016+0.0023
144	860731	0.0086+0.0024	0.0229+0.0032	0.0463+0.0044	0.0033+0.0017	0.0096+0.0093	0.0060+0.0024
144	860806	0.0069+0.0022	0.0911+0.0077	0.0767+0.0066	0.0039+0.0017	0.0005+0.0073	0.0057+0.0024
144	860812	0.0149+0.0027	0.4116+0.0299	0.2838+0.0210	0.0015+0.0018	0.0000+0.0083	0.0032+0.0023
144	860818	0.0073+0.0025	0.0626+0.0058	0.0737+0.0063	0.0027+0.0019	0.0011+0.0089	0.0011+0.0025
144	860824	0.0076+0.0024	0.0392+0.0042	0.0405+0.0041	0.0003+0.0017	0.0000+0.0079	0.0034+0.0023
144	860830	0.0081+0.0025	0.0284+0.0037	0.0292+0.0034	0.0011+0.0017	0.0014+0.0089	0.0028+0.0025
144	860905	0.0110+0.0027	0.0351+0.0042	0.0591+0.0054	0.0002+0.0019	0.0000+0.0111	0.0030+0.0027
144	860911	0.0078+0.0024	0.0454+0.0046	0.0434+0.0043	0.0000+0.0017	0.0003+0.0089	0.0020+0.0023
144	860917	0.0141+0.0029	0.0495+0.0051	0.0630+0.0057	0.0029+0.0021	0.0000+0.0108	0.0063+0.0029
144	860923	0.0050+0.0022	0.0161+0.0029	0.0147+0.0024	0.0040+0.0017	0.0000+0.0068	0.0009+0.0023
144	860929	0.0050+0.0022	0.0328+0.0038	0.0466+0.0044	0.0023+0.0017	0.0000+0.0101	0.0000+0.0022
144	861005	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	861011	0.0038+0.0024	0.0410+0.0044	0.0299+0.0035	0.0024+0.0017	0.0000+0.0074	0.0000+0.0024
144	861017	0.0041+0.0024	0.0917+0.0078	0.0842+0.0072	0.0000+0.0017	0.0000+0.0085	0.0016+0.0025
144	861023	0.0043+0.0024	0.0194+0.0031	0.0395+0.0041	0.0009+0.0019	0.0000+0.0120	0.0035+0.0025
144	861029	0.0122+0.0029	0.0327+0.0042	0.1485+0.0116	0.0006+0.0024	0.0000+0.0187	0.0021+0.0029
144	861104	0.0046+0.0022	0.0632+0.0057	0.0705+0.0060	0.0031+0.0019	0.0000+0.0128	0.0031+0.0023
144	861110	0.0030+0.0023	0.0155+0.0031	0.0202+0.0028	0.0031+0.0019	0.0000+0.0081	0.0020+0.0025
144	861116	0.0071+0.0023	0.0921+0.0077	0.0896+0.0074	0.0000+0.0019	0.0000+0.0124	0.0011+0.0023
144	861122	0.0027+0.0022	0.0428+0.0045	0.0256+0.0031	0.0002+0.0016	0.0000+0.0066	0.0000+0.0024
144	861128	0.0038+0.0022	0.0561+0.0054	0.0493+0.0046	0.0022+0.0019	0.0002+0.0115	0.0000+0.0022
144	861204	0.0021+0.0025	0.0479+0.0051	0.0887+0.0075	0.0021+0.0022	0.0014+0.0126	0.0000+0.0027
144	861210	0.0000+0.0020	0.0219+0.0032	0.0227+0.0029	0.0000+0.0016	0.0000+0.0069	0.0011+0.0022
144	861216	0.0022+0.0022	0.0870+0.0074	0.0793+0.0067	0.0022+0.0019	0.0025+0.0082	0.0012+0.0025
144	861222	0.0022+0.0022	0.1506+0.0118	0.1445+0.0113	0.0030+0.0019	0.0000+0.0094	0.0024+0.0024
144	861228	0.0000+0.0022	0.0084+0.0027	0.0304+0.0035	0.0000+0.0017	0.0000+0.0089	0.0009+0.0024

FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	BR	RB	SR	Y	ZR	MO
144	860102	0.0319+0.0044	0.0005+0.0042	0.0053+0.0050	0.0000+0.0061	0.0000+0.0250	0.0096+0.0176
144	860108	0.0159+0.0037	0.0000+0.0042	0.0022+0.0052	0.0034+0.0062	0.0000+0.0254	0.0228+0.0181
144	860114	0.0271+0.0042	0.0030+0.0044	0.0033+0.0053	0.0000+0.0064	0.0000+0.0263	0.0025+0.0182
144	860120	0.0494+0.0054	0.0000+0.0042	0.0000+0.0052	0.0009+0.0063	0.0000+0.0254	0.0000+0.0177
144	860126	0.0080+0.0036	0.0024+0.0047	0.0078+0.0057	0.0000+0.0067	0.0209+0.0281	0.0354+0.0200
144	860201	0.0313+0.0043	0.0064+0.0043	0.0040+0.0051	0.0019+0.0060	0.0159+0.0251	0.0184+0.0178
144	860207	0.0142+0.0041	0.0000+0.0050	0.0040+0.0059	0.0011+0.0072	0.0074+0.0296	0.0120+0.0208
144	860213	0.0134+0.0038	0.0000+0.0045	0.0026+0.0054	0.0000+0.0066	0.0000+0.0270	0.0000+0.0189
144	860219	0.0139+0.0035	0.0000+0.0041	0.0117+0.0052	0.0038+0.0061	0.0000+0.0249	0.0002+0.0174
144	860225	0.0355+0.0046	0.0000+0.0042	0.0078+0.0051	0.0000+0.0062	0.0000+0.0253	0.0045+0.0179
144	860303	0.0303+0.0045	0.0000+0.0046	0.0000+0.0055	0.0061+0.0066	0.0000+0.0270	0.0000+0.0190
144	860309	0.0056+0.0035	0.0002+0.0045	0.0000+0.0054	0.0022+0.0065	0.0000+0.0269	0.0000+0.0188
144	860315	0.0142+0.0039	0.0000+0.0047	0.0000+0.0057	0.0000+0.0068	0.0000+0.0279	0.0000+0.0197
144	860321	0.0298+0.0043	0.0000+0.0042	0.0000+0.0052	0.0000+0.0063	0.0080+0.0256	0.0000+0.0178
144	860327	0.0383+0.0047	0.0063+0.0043	0.0088+0.0052	0.0009+0.0061	0.0257+0.0251	0.0116+0.0176
144	860402	0.0140+0.0039	0.0000+0.0047	0.0009+0.0057	0.0000+0.0069	0.0278+0.0284	0.0000+0.0196
144	860408	0.0259+0.0039	0.0000+0.0042	0.0005+0.0050	0.0002+0.0061	0.0287+0.0252	0.0207+0.0174
144	860414	0.0165+0.0037	0.0006+0.0044	0.0000+0.0052	0.0000+0.0064	0.0049+0.0263	0.0175+0.0183
144	860420	0.0277+0.0045	0.0000+0.0049	0.0036+0.0058	0.0000+0.0071	0.0284+0.0292	0.0000+0.0203
144	860426	0.0263+0.0042	0.0000+0.0046	0.0018+0.0056	0.0000+0.0067	0.0487+0.0278	0.0064+0.0191
144	860502	0.0392+0.0050	0.0000+0.0049	0.0000+0.0057	0.0000+0.0069	0.0088+0.0284	0.0077+0.0196
144	860508	0.0266+0.0040	0.0025+0.0043	0.0000+0.0051	0.0000+0.0060	0.0225+0.0252	0.0000+0.0177
144	860514	0.0189+0.0041	0.0000+0.0048	0.0063+0.0059	0.0000+0.0070	0.0000+0.0287	0.0208+0.0200
144	860520	0.0201+0.0040	0.0000+0.0045	0.0069+0.0054	0.0000+0.0065	0.0033+0.0271	0.0349+0.0190
144	860526	0.0166+0.0040	0.0000+0.0047	0.0022+0.0058	0.0000+0.0069	0.0243+0.0287	0.0123+0.0199
144	860601	0.0144+0.0042	0.0000+0.0051	0.0000+0.0060	0.0000+0.0073	0.0000+0.0297	0.0000+0.0207
144	860607	0.0233+0.0040	0.0000+0.0044	0.0033+0.0052	0.0090+0.0065	0.0000+0.0260	0.0186+0.0183
144	860613	0.0289+0.0046	0.0000+0.0048	0.0000+0.0057	0.0000+0.0070	0.0283+0.0289	0.0220+0.0202
144	860619	0.0321+0.0046	0.0000+0.0049	0.0016+0.0058	0.0000+0.0070	0.0256+0.0291	0.0326+0.0203
144	860625	0.0275+0.0042	0.0000+0.0046	0.0024+0.0055	0.0000+0.0066	0.0491+0.0274	0.0103+0.0188

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	BR	RB	SR	Y	ZR	MO
144	860701	0.0194+0.0040	0.0000+0.0048	0.0066+0.0058	0.0003+0.0070	0.0000+0.0295	0.0220+0.0199
144	860707	0.0159+0.0036	0.0028+0.0043	0.0055+0.0051	0.0000+0.0060	0.0000+0.0254	0.0268+0.0176
144	860713	0.0193+0.0036	0.0014+0.0041	0.0055+0.0048	0.0000+0.0059	0.0000+0.0251	0.0092+0.0168
144	860719	0.0174+0.0036	0.0041+0.0041	0.0050+0.0050	0.0017+0.0059	0.0000+0.0246	0.0110+0.0169
144	860725	0.0127+0.0033	0.0000+0.0039	0.0047+0.0049	0.0000+0.0058	0.0417+0.0239	0.0000+0.0164
144	860731	0.0347+0.0043	0.0038+0.0041	0.0113+0.0051	0.0000+0.0060	0.0312+0.0240	0.0058+0.0168
144	860806	0.0186+0.0036	0.0068+0.0040	0.0123+0.0049	0.0000+0.0058	0.0000+0.0237	0.0107+0.0164
144	860812	0.0185+0.0037	0.0048+0.0040	0.0098+0.0049	0.0058+0.0059	0.0000+0.0248	0.0052+0.0165
144	860818	0.0226+0.0039	0.0117+0.0044	0.0137+0.0053	0.0000+0.0064	0.0000+0.0261	0.0200+0.0181
144	860824	0.0257+0.0039	0.0011+0.0040	0.0141+0.0052	0.0000+0.0060	0.0229+0.0242	0.0178+0.0170
144	860830	0.0190+0.0038	0.0003+0.0042	0.0134+0.0053	0.0000+0.0062	0.0430+0.0254	0.0204+0.0177
144	860905	0.0370+0.0048	0.0061+0.0046	0.0080+0.0055	0.0000+0.0066	0.0456+0.0268	0.0205+0.0187
144	860911	0.0294+0.0042	0.0020+0.0040	0.0107+0.0050	0.0045+0.0061	0.0000+0.0247	0.0266+0.0172
144	860917	0.0281+0.0045	0.0075+0.0048	0.0059+0.0057	0.0109+0.0070	0.0000+0.0284	0.0060+0.0195
144	860923	0.0099+0.0033	0.0000+0.0040	0.0091+0.0050	0.0000+0.0059	0.0000+0.0243	0.0000+0.0166
144	860929	0.0459+0.0048	0.0000+0.0039	0.0003+0.0047	0.0000+0.0058	0.0000+0.0233	0.0152+0.0162
144	861005	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	861011	0.0116+0.0035	0.0042+0.0042	0.0000+0.0052	0.0000+0.0063	0.0258+0.0253	0.0248+0.0178
144	861017	0.0202+0.0039	0.0086+0.0044	0.0075+0.0052	0.0056+0.0064	0.0299+0.0256	0.0223+0.0181
144	861023	0.0507+0.0054	0.0063+0.0044	0.0063+0.0052	0.0046+0.0065	0.0493+0.0259	0.0137+0.0180
144	861029	0.0741+0.0070	0.0070+0.0051	0.0052+0.0059	0.0000+0.0073	0.0435+0.0291	0.0163+0.0203
144	861104	0.0455+0.0049	0.0068+0.0040	0.0108+0.0048	0.0022+0.0059	0.0455+0.0236	0.0000+0.0162
144	861110	0.0188+0.0038	0.0054+0.0044	0.0160+0.0055	0.0039+0.0064	0.0044+0.0255	0.0200+0.0181
144	861116	0.0502+0.0051	0.0036+0.0042	0.0042+0.0050	0.0017+0.0060	0.0387+0.0245	0.0098+0.0172
144	861122	0.0049+0.0033	0.0038+0.0041	0.0107+0.0052	0.0000+0.0062	0.0144+0.0248	0.0147+0.0174
144	861128	0.0377+0.0045	0.0039+0.0041	0.0057+0.0050	0.0000+0.0060	0.0333+0.0244	0.0000+0.0173
144	861204	0.0573+0.0060	0.0022+0.0049	0.0075+0.0061	0.0067+0.0073	0.0000+0.0298	0.0237+0.0206
144	861210	0.0147+0.0035	0.0034+0.0039	0.0000+0.0049	0.0000+0.0058	0.0263+0.0236	0.0075+0.0165
144	861216	0.0138+0.0036	0.0000+0.0042	0.0084+0.0053	0.0016+0.0064	0.0000+0.0255	0.0000+0.0179
144	861222	0.0345+0.0044	0.0035+0.0041	0.0030+0.0050	0.0000+0.0061	0.0331+0.0245	0.0206+0.0173
144	861228	0.0283+0.0042	0.0013+0.0043	0.0071+0.0052	0.0000+0.0063	0.0163+0.0256	0.0266+0.0179

FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	PD	AG	CD	IN	SN	SB
144	860102	0.0000+0.0165	0.0143+0.0214	0.0401+0.0285	0.0179+0.0352	0.0000+0.0415	0.0507+0.0943
144	860108	0.0103+0.0161	0.0034+0.0215	0.0003+0.0282	0.0000+0.0356	0.0034+0.0427	0.1155+0.0971
144	860114	0.0174+0.0165	0.0000+0.0218	0.0079+0.0288	0.0005+0.0363	0.0472+0.0442	0.0000+0.0967
144	860120	0.0003+0.0158	0.0124+0.0217	0.0000+0.0282	0.0105+0.0358	0.0587+0.0436	0.0138+0.0952
144	860126	0.0027+0.0176	0.0193+0.0239	0.0000+0.0307	0.0000+0.0390	0.0130+0.0471	0.0640+0.1053
144	860201	0.0116+0.0159	0.0170+0.0215	0.0184+0.0282	0.0205+0.0353	0.0765+0.0435	0.0475+0.0945
144	860207	0.0000+0.0181	0.0000+0.0248	0.0000+0.0325	0.0261+0.0416	0.0294+0.0499	0.0085+0.1101
144	860213	0.0000+0.0168	0.0000+0.0224	0.0010+0.0299	0.0257+0.0381	0.0000+0.0451	0.0000+0.0991
144	860219	0.0000+0.0152	0.0000+0.0208	0.0000+0.0271	0.0000+0.0346	0.0409+0.0423	0.0708+0.0940
144	860225	0.0011+0.0158	0.0088+0.0216	0.0329+0.0288	0.0000+0.0354	0.0000+0.0427	0.0964+0.0966
144	860303	0.0000+0.0168	0.0108+0.0231	0.0027+0.0302	0.0449+0.0386	0.0000+0.0454	0.1029+0.1031
144	860309	0.0000+0.0169	0.0000+0.0226	0.0349+0.0307	0.0000+0.0374	0.0000+0.0449	0.0376+0.1015
144	860315	0.0000+0.0172	0.0043+0.0236	0.0262+0.0316	0.0467+0.0398	0.0476+0.0477	0.0000+0.1039
144	860321	0.0084+0.0163	0.0136+0.0219	0.0230+0.0289	0.0394+0.0365	0.0434+0.0437	0.1117+0.0979
144	860327	0.0071+0.0157	0.0169+0.0214	0.0000+0.0274	0.0221+0.0352	0.0166+0.0422	0.0376+0.0938
144	860402	0.0194+0.0180	0.0000+0.0242	0.0000+0.0317	0.0161+0.0399	0.0000+0.0475	0.0000+0.1070
144	860408	0.0225+0.0162	0.0000+0.0207	0.0000+0.0280	0.0662+0.0362	0.0000+0.0418	0.0000+0.0938
144	860414	0.0049+0.0165	0.0000+0.0223	0.0000+0.0294	0.0000+0.0368	0.0384+0.0445	0.0000+0.0978
144	860420	0.0169+0.0185	0.0000+0.0249	0.0000+0.0326	0.0000+0.0405	0.0287+0.0491	0.0000+0.1080
144	860426	0.0110+0.0174	0.0000+0.0232	0.0000+0.0304	0.0535+0.0394	0.0000+0.0455	0.0000+0.1031
144	860502	0.0000+0.0174	0.0000+0.0243	0.0000+0.0319	0.0245+0.0402	0.0237+0.0479	0.0391+0.1080
144	860508	0.0000+0.0157	0.0070+0.0217	0.0000+0.0283	0.0000+0.0351	0.0000+0.0419	0.0000+0.0925
144	860514	0.0143+0.0182	0.0000+0.0244	0.0000+0.0323	0.0093+0.0406	0.0312+0.0487	0.0909+0.1102
144	860520	0.0000+0.0166	0.0220+0.0238	0.0000+0.0303	0.0061+0.0381	0.0032+0.0454	0.0000+0.1020
144	860526	0.0109+0.0180	0.0000+0.0246	0.0000+0.0323	0.0000+0.0398	0.0000+0.0475	0.0000+0.1071
144	860601	0.0269+0.0192	0.0000+0.0254	0.0000+0.0335	0.0046+0.0420	0.0000+0.0498	0.0000+0.1128
144	860607	0.0142+0.0167	0.0000+0.0222	0.0000+0.0295	0.0631+0.0378	0.0000+0.0435	0.0591+0.1002
144	860613	0.0096+0.0182	0.0024+0.0249	0.0000+0.0326	0.0222+0.0409	0.0538+0.0493	0.0000+0.1088
144	860619	0.0000+0.0179	0.0000+0.0247	0.0000+0.0327	0.0155+0.0408	0.0185+0.0487	0.0000+0.1091
144	860625	0.0000+0.0169	0.0000+0.0232	0.0297+0.0311	0.0000+0.0377	0.0636+0.0463	0.0727+0.1037

FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	PD	AG	CD	IN	SN	SB
144	860701	0.0055+0.0178	0.0000+0.0245	0.0000+0.0320	0.0331+0.0405	0.0000+0.0478	0.0000+0.1060
144	860707	0.0000+0.0152	0.0220+0.0220	0.0088+0.0284	0.0155+0.0352	0.0000+0.0415	0.0250+0.0949
144	860713	0.0008+0.0153	0.0175+0.0206	0.0182+0.0271	0.0187+0.0338	0.0000+0.0396	0.1347+0.0899
144	860719	0.0153+0.0160	0.0330+0.0210	0.0000+0.0272	0.0454+0.0347	0.0019+0.0407	0.0000+0.0937
144	860725	0.0295+0.0160	0.0341+0.0207	0.0380+0.0274	0.0070+0.0333	0.0339+0.0402	0.0000+0.0921
144	860731	0.0000+0.0163	0.0000+0.0196	0.0000+0.0270	0.0058+0.0337	0.0314+0.0406	0.1375+0.0915
144	860806	0.0022+0.0152	0.0000+0.0208	0.0000+0.0260	0.0150+0.0332	0.0584+0.0404	0.1425+0.0898
144	860812	0.0092+0.0154	0.0082+0.0200	0.0340+0.0273	0.0245+0.0336	0.0666+0.0407	0.0595+0.0887
144	860818	0.0000+0.0165	0.0000+0.0215	0.0023+0.0290	0.0051+0.0360	0.0615+0.0441	0.1303+0.0976
144	860824	0.0022+0.0156	0.0000+0.0203	0.0011+0.0274	0.0000+0.0339	0.0463+0.0414	0.0000+0.0958
144	860830	0.0196+0.0167	0.0236+0.0218	0.0121+0.0286	0.0186+0.0357	0.0561+0.0433	0.0000+0.0934
144	860905	0.0000+0.0169	0.0063+0.0224	0.0000+0.0296	0.0000+0.0370	0.0155+0.0449	0.1179+0.1007
144	860911	0.0079+0.0159	0.0339+0.0212	0.0238+0.0279	0.0014+0.0342	0.0613+0.0418	0.0000+0.0944
144	860917	0.0000+0.0179	0.0278+0.0242	0.0221+0.0319	0.0067+0.0394	0.0590+0.0479	0.0000+0.1031
144	860923	0.0000+0.0152	0.0022+0.0201	0.0098+0.0271	0.0000+0.0335	0.0525+0.0410	0.0863+0.0903
144	860929	0.0000+0.0146	0.0137+0.0196	0.0000+0.0260	0.0132+0.0325	0.0110+0.0389	0.0785+0.0868
144	861005	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	861011	0.0000+0.0162	0.0009+0.0214	0.0000+0.0281	0.0181+0.0358	0.0795+0.0439	0.0343+0.0945
144	861017	0.0047+0.0165	0.0000+0.0215	0.0000+0.0284	0.0436+0.0366	0.0400+0.0435	0.1346+0.0973
144	861023	0.0087+0.0167	0.0091+0.0217	0.0000+0.0287	0.0282+0.0364	0.0172+0.0433	0.1403+0.0977
144	861029	0.0000+0.0184	0.0195+0.0248	0.0322+0.0332	0.0471+0.0413	0.0650+0.0496	0.1404+0.1100
144	861104	0.0000+0.0148	0.0102+0.0198	0.0090+0.0264	0.0360+0.0333	0.0589+0.0401	0.0861+0.0881
144	861110	0.0173+0.0170	0.0000+0.0213	0.0000+0.0288	0.0000+0.0359	0.0121+0.0434	0.0564+0.0962
144	861116	0.0000+0.0155	0.0000+0.0203	0.0000+0.0274	0.0362+0.0349	0.0206+0.0413	0.0170+0.0910
144	861122	0.0000+0.0159	0.0000+0.0207	0.0000+0.0278	0.0191+0.0352	0.0000+0.0414	0.0586+0.0932
144	861128	0.0053+0.0157	0.0250+0.0209	0.0280+0.0279	0.0203+0.0344	0.0591+0.0418	0.0420+0.0909
144	861204	0.0000+0.0186	0.0121+0.0248	0.0000+0.0328	0.0000+0.0411	0.0000+0.0492	0.2251+0.1131
144	861210	0.0036+0.0152	0.0140+0.0201	0.0000+0.0260	0.0361+0.0338	0.0309+0.0402	0.0351+0.0881
144	861216	0.0190+0.0170	0.0081+0.0218	0.0000+0.0288	0.0000+0.0359	0.0224+0.0434	0.0204+0.0955
144	861222	0.0204+0.0162	0.0077+0.0207	0.0013+0.0276	0.0629+0.0354	0.0030+0.0411	0.1215+0.0929
144	861228	0.0165+0.0165	0.0000+0.0217	0.0000+0.0291	0.0071+0.0362	0.0000+0.0437	0.0000+0.0973

FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	BA	LA	HG	PB
144	860102	0.0641+0.1714	0.3337+0.3166	0.0009+0.0028	0.0905+0.0137
144	860108	0.1939+0.1757	0.0000+0.3176	0.0003+0.0028	0.0513+0.0123
144	860114	0.1366+0.1782	0.2766+0.3269	0.0026+0.0030	0.1103+0.0151
144	860120	0.1617+0.1753	0.1680+0.3195	0.0013+0.0030	0.1153+0.0152
144	860126	0.1399+0.1921	0.0000+0.3492	0.0020+0.0031	0.0651+0.0137
144	860201	0.1711+0.1730	0.3611+0.3177	0.0000+0.0029	0.0843+0.0136
144	860207	0.0000+0.2011	0.0224+0.3686	0.0042+0.0035	0.0459+0.0139
144	860213	0.1335+0.1853	0.2598+0.3396	0.0061+0.0034	0.0574+0.0131
144	860219	0.1836+0.1716	0.0706+0.3111	0.0027+0.0030	0.0620+0.0125
144	860225	0.2381+0.1761	0.0869+0.3181	0.0026+0.0030	0.1529+0.0172
144	860303	0.1067+0.1863	0.1513+0.3407	0.0000+0.0030	0.1002+0.0150
144	860309	0.0000+0.1840	0.1590+0.3393	0.0000+0.0030	0.0161+0.0121
144	860315	0.1126+0.1923	0.0000+0.3496	0.0000+0.0032	0.0367+0.0130
144	860321	0.0000+0.1749	0.0000+0.3204	0.0034+0.0030	0.1116+0.0150
144	860327	0.1179+0.1716	0.2955+0.3152	0.0006+0.0028	0.1436+0.0166
144	860402	0.2123+0.1923	0.2853+0.3476	0.0000+0.0033	0.0543+0.0132
144	860408	0.2024+0.1699	0.0986+0.3051	0.0003+0.0030	0.0777+0.0127
144	860414	0.2327+0.1784	0.3280+0.3224	0.0019+0.0031	0.1146+0.0147
144	860420	0.0145+0.1947	0.3068+0.3558	0.0000+0.0033	0.1436+0.0171
144	860426	0.1549+0.1858	0.4030+0.3385	0.0021+0.0033	0.0584+0.0131
144	860502	0.1121+0.1913	0.3742+0.3491	0.0000+0.0033	0.1375+0.0166
144	860508	0.1008+0.1692	0.2156+0.3073	0.0036+0.0032	0.1055+0.0140
144	860514	0.0000+0.1928	0.3585+0.3536	0.0017+0.0035	0.0762+0.0142
144	860520	0.2390+0.1841	0.2037+0.3311	0.0000+0.0030	0.0970+0.0143
144	860526	0.0510+0.1923	0.1158+0.3494	0.0000+0.0033	0.0896+0.0146
144	860601	0.2196+0.2024	0.1400+0.3644	0.0000+0.0035	0.0676+0.0143
144	860607	0.0673+0.1763	0.5055+0.3249	0.0000+0.0030	0.0956+0.0139
144	860613	0.1568+0.1953	0.6366+0.3594	0.0000+0.0034	0.1262+0.0162
144	860619	0.2112+0.1963	0.1409+0.3534	0.0049+0.0036	0.1051+0.0153
144	860625	0.0000+0.1863	0.2424+0.3319	0.0073+0.0035	0.1002+0.0145

FINE PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	BA	LA	HG	PB
144	860701	0.0000+0.1913	0.5437+0.3532	0.0003+0.0034	0.0817+0.0142
144	860707	0.2982+0.1714	0.0000+0.3119	0.0000+0.0028	0.0824+0.0130
144	860713	0.0000+0.1646	0.0511+0.2948	0.0012+0.0028	0.0482+0.0115
144	860719	0.1379+0.1685	0.3513+0.3032	0.0014+0.0030	0.1109+0.0141
144	860725	0.0000+0.1676	0.2468+0.2955	0.0023+0.0030	0.0703+0.0122
144	860731	0.0045+0.1656	0.3296+0.3003	0.0024+0.0030	0.1090+0.0140
144	860806	0.2099+0.1645	0.0309+0.2903	0.0000+0.0027	0.0563+0.0117
144	860812	0.2583+0.1663	0.3518+0.2962	0.0029+0.0029	0.0891+0.0129
144	860818	0.2033+0.1796	0.0816+0.3183	0.0016+0.0031	0.0942+0.0139
144	860824	0.0000+0.1735	0.3877+0.3044	0.0000+0.0029	0.0754+0.0126
144	860830	0.1771+0.1764	0.3333+0.3161	0.0014+0.0031	0.0962+0.0139
144	860905	0.0198+0.1841	0.3980+0.3335	0.0025+0.0033	0.1480+0.0168
144	860911	0.3070+0.1721	0.4098+0.3061	0.0016+0.0030	0.1010+0.0139
144	860917	0.2370+0.1960	0.2923+0.3494	0.0000+0.0033	0.1328+0.0165
144	860923	0.0000+0.1715	0.1226+0.2971	0.0006+0.0028	0.0417+0.0115
144	860929	0.1819+0.1612	0.2662+0.2876	0.0036+0.0030	0.1364+0.0150
144	861005	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
144	861011	0.0791+0.1758	0.3100+0.3166	0.0003+0.0030	0.0475+0.0122
144	861017	0.0000+0.1766	0.2829+0.3194	0.0028+0.0031	0.0846+0.0135
144	861023	0.1023+0.1783	0.2239+0.3196	0.0000+0.0030	0.1697+0.0176
144	861029	0.2213+0.2025	0.2774+0.3614	0.0011+0.0035	0.3023+0.0263
144	861104	0.2721+0.1646	0.5757+0.2963	0.0025+0.0029	0.1951+0.0183
144	861110	0.2267+0.1800	0.5042+0.3238	0.0011+0.0031	0.0726+0.0131
144	861116	0.2584+0.1723	0.2907+0.3061	0.0022+0.0029	0.1801+0.0179
144	861122	0.0494+0.1723	0.0000+0.3071	0.0022+0.0030	0.0202+0.0114
144	861128	0.2878+0.1716	0.0643+0.3014	0.0000+0.0028	0.1628+0.0169
144	861204	0.2637+0.2050	0.0000+0.3621	0.0000+0.0035	0.1713+0.0188
144	861210	0.1996+0.1655	0.5720+0.2998	0.0000+0.0028	0.0481+0.0115
144	861216	0.1252+0.1787	0.1690+0.3194	0.0050+0.0033	0.0736+0.0133
144	861222	0.1345+0.1704	0.0535+0.3030	0.0011+0.0030	0.1117+0.0143
144	861228	0.0919+0.1776	0.6262+0.3221	0.0000+0.0032	0.0951+0.0140

## Part O

Fine Particle Concentrations Measured at  
Upland during 1986

This section contains data on fine particle mass concentration and chemical composition measured during the year 1986 at Upland. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following fine ( $d_p < 2.2 \mu\text{m AD}$ ) aerosol species: fine mass, organic carbon (OC), elemental carbon (EC), total carbon ( $\text{TC} = \text{OC} + \text{EC}$ ),  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{=}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ ,  $\text{Mg}^{++}$ , Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.990 \pm -9.990$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol  $<$  are determined to be below their detection limit. In that case, the nominal measured concentration is reported, but the error bound is set equal to the instrumental detection limit for that sample. Therefore, the reported error is greater than the measured concentration. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol  $<$  has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by  $\text{Cl}^-$ , while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  concentrations were obtained by two methods. In one method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a nylon filter downstream of a Teflon-coated cyclone ( $d_p < 2.2 \mu\text{m AD}$ ) and a MgO-coated diffusion denuder designed to quantitatively remove acid gases from the air stream. Nitrate ion and  $\text{Cl}^-$  samples collected by this method are labeled



with the symbol CD [i.e.  $\text{Cl}^-(\text{CD})$  and  $\text{NO}_3^-(\text{CD})$ ]. In the second method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a polytetrafluoroethylene (PTFE) filter located downstream of the Teflon-coated cyclone alone. Nitrate ion and  $\text{Cl}^-$  collected by this method are specified as  $\text{NO}_3^-$  and  $\text{Cl}^-$ , only. Samples for  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ , and  $\text{Mg}^{++}$  determination also were collected on the PTFE filter downstream of the cyclone separator. Water soluble fine  $\text{Br}^-$  aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
175	860102	170.078+- 4.433	14.62+- 1.08	4.22+- 0.56	18.84+- 0.57	78.031+- 3.320	74.048+- 4.317
175	860108	28.648+- 4.131	7.40+- 0.72	2.62+- 0.48	10.03+- 0.30	10.146+- .446	8.999+- 0.525
175	860114	22.206+- 4.080	6.26+- 0.66	2.36+- 0.46	8.62+- 0.26	2.950+- .138	2.512+- 0.146
175	860120	135.796+- 4.362	13.64+- 1.03	3.09+- 0.50	16.73+- 0.50	62.194+- 2.646	55.025+- 3.208
175	860126	20.516+- 4.254	6.20+- 0.66	0.99+- 0.40	7.18+- 0.22	6.637+- .291	5.202+- 0.303
175	860201	37.841+- 4.267	6.83+- 0.69	1.26+- 0.41	8.09+- 0.24	11.151+- .481	8.366+- 0.488
175	860207	15.045+- 4.252	4.21+- 0.57	0.96+- 0.40	5.17+- 0.16	3.228+- .150	2.338+- 0.136
175	860213	30.063+- 4.132	4.99+- 0.60	1.57+- 0.43	6.56+- 0.20	7.369+- .322	6.309+- 0.368
175	860219	11.538+- 4.138	4.24+- 0.56	1.52+- 0.43	5.76+- 0.17	3.034+- .142	1.906+- 0.111
175	860225	50.134+- 4.152	11.60+- 0.93	2.74+- 0.49	14.34+- 0.43	20.025+- .857	12.995+- 0.758
175	860303	72.542+- 4.249	12.17+- 0.96	2.83+- 0.49	15.01+- 0.45	27.821+- 1.188	18.802+- 1.096
175	860309	11.430+- 4.131	4.19+- 0.56	0.55+- 0.38	4.74+- 0.14	3.848+- .175	3.009+- 0.175
175	860315	14.757+- 4.170	4.34+- 0.57	0.78+- 0.39	5.12+- 0.15	4.275+- .192	2.486+- 0.145
175	860321	11.497+- 4.061	6.02+- 0.65	1.38+- 0.41	7.40+- 0.22	4.455+- .200	1.460+- 0.085
175	860327	22.374+- 4.111	7.75+- 0.73	1.86+- 0.44	9.61+- 0.29	7.468+- .326	4.812+- 0.281
175	860402	8.842+- 4.121	4.55+- 0.58	0.63+- 0.38	5.18+- 0.16	4.202+- .189	1.790+- 0.104
175	860408	14.790+- 4.041	6.74+- 0.68	1.94+- 0.44	8.68+- 0.26	6.698+- .293	3.779+- 0.220
175	860414	13.580+- 4.138	7.12+- 0.71	1.39+- 0.42	8.50+- 0.26	13.869+- .621	7.625+- 0.445
175	860420	7.547+- 4.090	6.30+- 0.66	0.89+- 0.39	7.20+- 0.22	2.599+- .186	0.479+- 0.028
175	860426	22.114+- 4.096	8.52+- 0.77	1.03+- 0.39	9.55+- 0.29	10.156+- .469	1.935+- 0.113
175	860502	42.440+- 4.134	11.29+- 0.91	2.18+- 0.46	13.47+- 0.40	18.936+- .833	6.659+- 0.388
175	860508	23.343+- 4.127	7.65+- 0.73	1.63+- 0.43	9.28+- 0.28	8.016+- .383	2.809+- 0.164
175	860514	37.198+- 3.976	7.96+- 0.74	1.46+- 0.42	9.42+- 0.28	8.598+- .404	5.112+- 0.298
175	860520	33.031+- 3.571	7.95+- 0.71	2.20+- 0.43	10.14+- 0.30	11.333+- .515	3.433+- 0.200
175	860526	33.025+- 3.514	8.86+- 0.76	1.06+- 0.37	9.92+- 0.30	14.137+- .631	3.461+- 0.202
175	860601	34.336+- 3.526	7.63+- 0.70	0.86+- 0.36	8.49+- 0.25	8.998+- .420	2.216+- 0.129
175	860607	35.014+- 3.550	9.17+- 0.78	1.54+- 0.39	10.71+- 0.32	13.432+- .602	5.360+- 0.312
175	860613	36.940+- 3.540	14.76+- 1.05	2.60+- 0.45	17.36+- 0.52	12.499+- .564	2.595+- 0.151
175	860619	26.806+- 3.520	11.64+- 0.90	1.88+- 0.41	13.52+- 0.41	8.915+- .417	0.984+- 0.057
175	860625	42.782+- 3.525	< 0.00+- 0.57	2.89+- 0.46	< 2.89+- 0.09	14.225+- .635	2.945+- 0.172

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
175	860701	31.797+- 3.501	8.30+- 0.73	2.86+- 0.46	11.16+- 0.33	5.015+- .266	0.896+- 0.052
175	860707	20.160+- 3.538	8.76+- 0.76	3.15+- 0.48	11.91+- 0.36	7.071+- .346	1.037+- 0.060
175	860713	19.527+- 3.492	9.22+- 0.78	1.57+- 0.40	10.79+- 0.32	6.220+- .311	0.678+- 0.040
175	860719	21.478+- 3.482	8.41+- 0.74	2.55+- 0.44	10.96+- 0.33	4.401+- .243	0.798+- 0.047
175	860725	18.495+- 3.480	7.64+- 0.70	2.73+- 0.45	10.36+- 0.31	6.577+- .326	0.905+- 0.053
175	860731	50.576+- 3.524	14.40+- 1.04	3.79+- 0.51	18.19+- 0.55	12.143+- .549	1.591+- 0.093
175	860806	31.322+- 3.490	9.24+- 0.78	3.46+- 0.49	12.69+- 0.38	10.566+- .484	1.673+- 0.098
175	860812	28.936+- 3.488	10.50+- 0.84	4.55+- 0.54	15.05+- 0.45	8.844+- .414	0.839+- 0.049
175	860818	19.267+- 3.459	8.83+- 0.76	3.14+- 0.47	11.97+- 0.36	5.160+- .272	0.337+- 0.020
175	860824	30.375+- 3.500	10.68+- 0.85	2.52+- 0.44	13.20+- 0.40	12.138+- .548	1.117+- 0.065
175	860830	22.800+- 3.457	8.61+- 0.74	2.34+- 0.43	10.95+- 0.33	9.086+- .423	1.331+- 0.078
175	860905	61.951+- 3.511	18.36+- 1.23	5.43+- 0.59	23.79+- 0.71	22.441+- .978	4.481+- 0.261
175	860911	35.537+- 3.542	9.81+- 0.81	2.86+- 0.46	12.67+- 0.38	9.616+- .446	2.551+- 0.149
175	860917	18.314+- 3.503	8.57+- 0.75	2.71+- 0.45	11.28+- 0.34	6.059+- .305	0.267+- 0.016
175	860923	-9.900+- -9.900	3.67+- 0.50	1.19+- 0.38	4.87+- 0.15	2.718+- .187	1.396+- 0.081
175	860929	33.132+- 3.525	8.49+- 0.74	2.23+- 0.43	10.71+- 0.32	14.234+- .635	5.124+- 0.299
175	861005	< 3.965+- 4.250	4.18+- 0.53	0.76+- 0.35	4.94+- 0.15	.990+- .145	0.218+- 0.013
175	861011	23.642+- 3.495	4.09+- 0.52	1.08+- 0.37	5.16+- 0.15	7.242+- .350	4.698+- 0.274
175	861017	30.923+- 3.512	7.26+- 0.68	1.92+- 0.41	9.17+- 0.28	10.359+- .475	6.928+- 0.404
175	861023	62.148+- 3.567	10.96+- 0.87	2.96+- 0.47	13.92+- 0.42	23.988+- 1.043	17.381+- 1.013
175	861029	166.956+- 3.850	22.27+- 1.43	4.87+- 0.56	27.13+- 0.81	69.393+- 2.965	52.548+- 3.063
175	861104	30.122+- 3.488	9.92+- 0.81	3.25+- 0.48	13.17+- 0.40	11.539+- .523	5.974+- 0.348
175	861110	8.103+- 3.465	6.36+- 0.63	2.64+- 0.45	9.00+- 0.27	8.785+- .408	4.889+- 0.285
175	861116	20.707+- 3.515	6.17+- 0.63	1.59+- 0.40	7.76+- 0.23	15.191+- .669	9.373+- 0.546
175	861122	34.007+- 3.493	6.93+- 0.67	1.92+- 0.42	8.85+- 0.27	14.396+- .636	11.819+- 0.689
175	861128	23.047+- 3.450	6.80+- 0.66	1.91+- 0.41	8.71+- 0.26	11.175+- .502	7.928+- 0.462
175	861204	88.110+- 3.554	15.40+- 1.09	7.65+- 0.70	23.05+- 0.69	38.033+- 1.636	36.418+- 2.123
175	861210	32.516+- 3.491	8.02+- 0.72	2.59+- 0.45	10.61+- 0.32	14.720+- .655	11.639+- 0.679
175	861216	31.223+- 3.479	9.19+- 0.78	3.46+- 0.49	12.64+- 0.38	10.050+- .463	8.810+- 0.514
175	861222	23.493+- 3.506	7.27+- 0.68	2.79+- 0.46	10.05+- 0.30	6.141+- .307	5.081+- 0.296
175	861228	35.543+- 3.558	8.69+- 0.76	2.04+- 0.42	10.73+- 0.32	19.369+- .851	14.056+- 0.819

FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
175	860102	< .417+- .840	1.167+- 0.236	12.656+- 0.719	28.295+- 1.141	< 0.102+- 0.122	< 0.026+- 0.051
175	860108	< .000+- .819	< 0.000+- 0.097	0.642+- 0.036	2.851+- 0.115	< 0.000+- 0.120	< 0.026+- 0.050
175	860114	.522+- .151	0.167+- 0.067	1.881+- 0.107	1.393+- 0.056	< 0.012+- 0.118	< 0.025+- 0.050
175	860120	1.302+- .165	1.384+- 0.274	11.855+- 0.674	21.663+- 0.873	0.435+- 0.113	< 0.038+- 0.050
175	860126	< .185+- .294	< 0.049+- 0.097	0.490+- 0.028	1.532+- 0.062	< 0.000+- 0.120	< 0.025+- 0.050
175	860201	.645+- .156	0.392+- 0.102	2.039+- 0.116	3.368+- 0.136	< 0.036+- 0.121	< 0.019+- 0.051
175	860207	< .196+- .298	< 0.096+- 0.098	0.781+- 0.044	0.850+- 0.034	< 0.002+- 0.122	< 0.026+- 0.051
175	860213	.301+- .150	0.281+- 0.084	1.188+- 0.068	2.321+- 0.094	0.142+- 0.074	< 0.025+- 0.050
175	860219	.503+- .152	0.149+- 0.066	1.559+- 0.089	1.056+- 0.043	0.119+- 0.072	< 0.025+- 0.050
175	860225	.478+- .150	0.113+- 0.061	1.368+- 0.078	4.679+- 0.189	< 0.024+- 0.118	< 0.037+- 0.050
175	860303	.419+- .151	< 0.049+- 0.097	7.370+- 0.419	8.545+- 0.344	0.742+- 0.162	< 0.019+- 0.051
175	860309	.956+- .159	0.216+- 0.075	1.920+- 0.109	1.216+- 0.049	0.529+- 0.127	0.062+- 0.021
175	860315	.548+- .154	0.120+- 0.063	1.139+- 0.065	0.984+- 0.040	0.135+- 0.074	< 0.025+- 0.051
175	860321	< .000+- .291	0.133+- 0.063	0.865+- 0.049	0.595+- 0.024	0.274+- 0.090	0.135+- 0.045
175	860327	.345+- .149	< 0.073+- 0.096	2.906+- 0.165	2.451+- 0.099	< 0.095+- 0.119	< 0.024+- 0.050
175	860402	.518+- .152	0.099+- 0.060	4.080+- 0.232	1.431+- 0.058	1.215+- 0.241	0.062+- 0.021
175	860408	.570+- .151	< 0.018+- 0.094	2.588+- 0.147	1.720+- 0.069	0.664+- 0.148	< 0.042+- 0.049
175	860414	-9.900+-9.900	< 0.054+- 0.097	2.991+- 0.170	3.071+- 0.124	0.537+- 0.129	< 0.049+- 0.050
175	860420		< 0.000+- 0.097	1.145+- 0.065	0.451+- 0.018	< 0.000+- 0.120	0.055+- 0.019
175	860426		< 0.000+- 0.095	6.452+- 0.367	2.518+- 0.101	0.928+- 0.192	0.062+- 0.021
175	860502		0.211+- 0.074	5.697+- 0.324	3.901+- 0.157	0.546+- 0.130	< 0.046+- 0.051
175	860508		< 0.057+- 0.095	2.138+- 0.121	1.318+- 0.053	0.311+- 0.094	< 0.022+- 0.049
175	860514		0.126+- 0.062	8.712+- 0.495	4.612+- 0.186	0.671+- 0.149	0.067+- 0.023
175	860520		< 0.070+- 0.086	6.429+- 0.365	2.889+- 0.116	0.658+- 0.143	0.092+- 0.031
175	860526		< 0.065+- 0.085	7.626+- 0.433	3.860+- 0.156	0.671+- 0.145	0.091+- 0.031
175	860601		< 0.034+- 0.087	9.719+- 0.552	4.337+- 0.175	0.775+- 0.163	0.067+- 0.022
175	860607		< 0.048+- 0.086	8.471+- 0.481	4.682+- 0.189	0.412+- 0.104	< 0.031+- 0.045
175	860613		0.160+- 0.062	7.847+- 0.446	3.070+- 0.124	0.848+- 0.175	0.133+- 0.045
175	860619		< 0.007+- 0.085	5.598+- 0.318	2.278+- 0.092	0.303+- 0.088	< 0.020+- 0.044
175	860625		0.124+- 0.058	10.886+- 0.619	4.839+- 0.195	0.328+- 0.092	0.051+- 0.017

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
175	860701		< 0.000+- 0.087	3.865+- 0.220	1.396+- 0.056	0.335+- 0.094	< 0.020+- 0.045
175	860707		< 0.062+- 0.087	3.006+- 0.171	1.537+- 0.062	0.387+- 0.101	0.104+- 0.035
175	860713		< 0.038+- 0.086	4.777+- 0.271	2.016+- 0.081	0.229+- 0.078	< 0.045+- 0.045
175	860719		< 0.034+- 0.086	2.587+- 0.147	1.021+- 0.041	0.345+- 0.094	< 0.020+- 0.045
175	860725		< 0.052+- 0.086	3.854+- 0.219	1.294+- 0.052	0.369+- 0.098	< 0.010+- 0.045
175	860731		< 0.078+- 0.085	9.756+- 0.554	4.212+- 0.170	0.469+- 0.112	< 0.020+- 0.044
175	860806		0.150+- 0.061	9.385+- 0.533	3.350+- 0.135	0.719+- 0.153	0.122+- 0.041
175	860812		< 0.082+- 0.085	7.284+- 0.414	3.130+- 0.126	0.199+- 0.074	< 0.030+- 0.044
175	860818		< 0.003+- 0.085	2.837+- 0.161	1.161+- 0.047	0.176+- 0.071	< 0.020+- 0.044
175	860824		< 0.029+- 0.085	7.863+- 0.447	2.958+- 0.119	0.564+- 0.127	0.050+- 0.017
175	860830		< 0.033+- 0.085	4.671+- 0.265	1.901+- 0.077	0.365+- 0.097	< 0.030+- 0.044
175	860905		< 0.012+- 0.085	9.456+- 0.537	5.177+- 0.209	0.260+- 0.082	< 0.040+- 0.044
175	860911		0.115+- 0.057	7.037+- 0.400	3.210+- 0.129	0.430+- 0.107	0.051+- 0.017
175	860917		< 0.003+- 0.084	0.696+- 0.040	0.245+- 0.010	< 0.063+- 0.104	< 0.010+- 0.044
175	860923		< 0.065+- 0.085	2.070+- 0.118	1.112+- 0.045	0.263+- 0.082	< 0.030+- 0.044
175	860929		< 0.007+- 0.085	3.266+- 0.186	2.899+- 0.117	0.216+- 0.076	< 0.020+- 0.044
175	861005		< 0.008+- 0.085	1.364+- 0.078	0.620+- 0.025	0.107+- 0.064	< 0.044+- 0.044
175	861011		0.238+- 0.072	7.136+- 0.405	3.995+- 0.161	0.360+- 0.096	< 0.044+- 0.044
175	861017		0.102+- 0.055	7.139+- 0.406	4.626+- 0.186	0.180+- 0.072	< 0.045+- 0.045
175	861023		0.141+- 0.059	8.095+- 0.460	8.295+- 0.334	0.233+- 0.078	< 0.015+- 0.044
175	861029		0.158+- 0.061	13.988+- 0.795	22.382+- 0.902	0.228+- 0.078	< 0.020+- 0.044
175	861104		< 0.029+- 0.085	1.618+- 0.092	2.427+- 0.098	0.162+- 0.070	< 0.044+- 0.044
175	861110		< 0.020+- 0.085	0.492+- 0.028	1.602+- 0.065	< 0.091+- 0.105	< 0.044+- 0.044
175	861116		< 0.025+- 0.086	1.261+- 0.072	3.358+- 0.135	< 0.069+- 0.107	< 0.045+- 0.045
175	861122		< 0.000+- 0.086	2.544+- 0.145	4.552+- 0.184	< 0.022+- 0.106	< 0.045+- 0.045
175	861128		< 0.017+- 0.085	0.678+- 0.039	2.622+- 0.106	< 0.093+- 0.105	< 0.044+- 0.044
175	861204		0.191+- 0.066	1.369+- 0.078	10.472+- 0.422	0.312+- 0.089	0.081+- 0.027
175	861210		< 0.048+- 0.086	1.591+- 0.090	3.640+- 0.147	0.238+- 0.079	0.067+- 0.023
175	861216		0.112+- 0.056	1.972+- 0.112	3.256+- 0.131	0.253+- 0.082	0.045+- 0.015
175	861222		< 0.080+- 0.087	1.332+- 0.076	2.073+- 0.084	< 0.022+- 0.108	< 0.045+- 0.045
175	861228		< 0.044+- 0.086	1.222+- 0.069	6.290+- 0.254	0.133+- 0.067	< 0.045+- 0.045

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	AL	SI	P	S	CL	K
175	860102	0.0324+0.0125	0.0488+0.0104	0.0162+0.0060	0.2740+0.0521	1.1623+0.1001	0.0378+0.0104
175	860108	0.2922+0.0422	0.6521+0.0946	0.0346+0.0088	0.3645+0.0581	0.0583+0.0217	0.1427+0.0165
175	860114	0.1328+0.0220	0.2238+0.0334	0.0351+0.0088	0.7453+0.0809	0.1043+0.0236	0.1219+0.0150
175	860120	0.1941+0.0302	0.2974+0.0440	0.0931+0.0204	4.5423+0.3764	0.3338+0.0408	0.1405+0.0169
175	860126	0.2313+0.0347	0.4236+0.0623	0.0252+0.0075	0.2474+0.0541	0.0444+0.0225	0.0885+0.0135
175	860201	0.0651+0.0154	0.0665+0.0124	0.0409+0.0100	0.9343+0.0971	0.2204+0.0312	0.0823+0.0129
175	860207	0.0839+0.0178	0.1564+0.0246	0.0142+0.0062	0.2298+0.0568	0.1629+0.0294	0.0502+0.0119
175	860213	0.0731+0.0160	0.0678+0.0125	0.0183+0.0062	0.5339+0.0686	0.1380+0.0260	0.0926+0.0133
175	860219	0.0340+0.0124	0.0567+0.0111	0.0273+0.0075	0.7490+0.0827	0.1243+0.0252	0.0266+0.0097
175	860225	0.1670+0.0261	0.2822+0.0418	0.0416+0.0100	0.6804+0.0778	0.0656+0.0222	0.0699+0.0118
175	860303	0.1631+0.0262	0.1816+0.0278	0.0722+0.0161	2.6702+0.2299	0.0809+0.0253	0.0831+0.0131
175	860309	0.0478+0.0138	0.0490+0.0104	0.0180+0.0062	0.7126+0.0796	0.0979+0.0243	0.0483+0.0110
175	860315	0.1540+0.0249	0.0708+0.0130	0.0185+0.0063	0.4610+0.0645	0.1127+0.0252	0.0533+0.0114
175	860321	0.2277+0.0336	0.2227+0.0332	0.0258+0.0071	0.2234+0.0482	0.0558+0.0207	0.0497+0.0104
175	860327	0.3241+0.0465	0.3263+0.0480	0.0392+0.0097	1.1281+0.1101	0.1352+0.0267	0.1191+0.0153
175	860402	0.1416+0.0232	0.2073+0.0305	0.0177+0.0089	1.4682+0.1251	0.0132+0.0230	0.0867+0.0131
175	860408	0.1436+0.0228	0.1378+0.0209	0.0000+0.0102	1.1909+0.1042	0.0738+0.0227	0.0820+0.0121
175	860414	0.1355+0.0223	0.2477+0.0359	0.0000+0.0095	1.3112+0.1140	0.0451+0.0224	0.0761+0.0119
175	860420	0.1875+0.0288	0.4454+0.0632	0.0000+0.0070	0.4787+0.0654	0.0118+0.0234	0.0816+0.0131
175	860426	0.1667+0.0266	0.3560+0.0508	0.0000+0.0118	2.4782+0.1945	0.0268+0.0251	0.0999+0.0142
175	860502	0.2746+0.0390	0.6136+0.0865	0.0228+0.0114	2.2764+0.1803	0.0160+0.0224	0.1556+0.0168
175	860508	0.1456+0.0240	0.2863+0.0413	0.0000+0.0071	1.0101+0.0951	0.0145+0.0231	0.0832+0.0131
175	860514	0.2339+0.0339	0.4095+0.0579	0.0165+0.0084	3.5722+0.2663	0.0640+0.0255	0.1211+0.0147
175	860520	0.1818+0.0262	0.3530+0.0492	0.0116+0.0058	2.7949+0.2007	0.0234+0.0189	0.1646+0.0155
175	860526	0.1917+0.0274	0.2994+0.0419	0.0120+0.0060	3.0731+0.2176	0.0075+0.0191	0.1314+0.0137
175	860601	0.1508+0.0229	0.2955+0.0415	0.0000+0.0183	3.9323+0.2745	0.0000+0.0201	0.1047+0.0124
175	860607	0.2748+0.0379	0.3675+0.0513	0.0074+0.0063	3.3679+0.2386	0.0246+0.0216	0.1405+0.0147
175	860613	0.2101+0.0301	0.3968+0.0552	0.0104+0.0065	2.8079+0.2019	0.0350+0.0213	0.1301+0.0140
175	860619	0.1953+0.0285	0.3524+0.0492	0.0212+0.0107	2.2300+0.1643	0.0165+0.0216	0.1232+0.0139
175	860625	0.2207+0.0310	0.3847+0.0535	0.0239+0.0120	4.1503+0.2888	0.0000+0.0198	0.1073+0.0124

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	AL	SI	P	S	CL	K
175	860701	0.1522+0.0231	0.2897+0.0407	0.0000+0.0103	1.4474+0.1134	0.0109+0.0196	0.1207+0.0134
175	860707	0.1666+0.0246	0.2356+0.0334	0.0000+0.0114	1.4597+0.1148	0.0213+0.0192	0.1858+0.0171
175	860713	0.1358+0.0206	0.2329+0.0329	0.0000+0.0109	1.9623+0.1452	0.0000+0.0178	0.1514+0.0147
175	860719	0.1400+0.0209	0.2289+0.0323	0.0125+0.0063	1.0958+0.0901	0.0000+0.0168	0.0924+0.0112
175	860725	0.1388+0.0211	0.1930+0.0276	0.0000+0.0089	1.3914+0.1093	0.0309+0.0192	0.1029+0.0121
175	860731	0.2663+0.0362	0.4626+0.0641	0.0141+0.0071	3.9616+0.2774	0.0291+0.0199	0.1505+0.0145
175	860806	0.2541+0.0346	0.3393+0.0472	0.0000+0.0177	3.5392+0.2488	0.0000+0.0180	0.1373+0.0136
175	860812	0.2449+0.0337	0.4292+0.0595	0.0000+0.0153	2.8113+0.2012	0.0240+0.0194	0.1178+0.0127
175	860818	0.1789+0.0256	0.3373+0.0470	0.0000+0.0101	1.2412+0.0994	0.0000+0.0167	0.1276+0.0132
175	860824	0.1896+0.0271	0.2909+0.0408	0.0020+0.0053	3.4013+0.2407	0.0048+0.0202	0.1810+0.0168
175	860830	0.1351+0.0206	0.2501+0.0352	0.0000+0.0116	1.8910+0.1405	0.0067+0.0184	0.1988+0.0177
175	860905	0.2999+0.0405	0.4797+0.0664	0.0000+0.0233	4.2266+0.2941	0.0121+0.0202	0.2804+0.0226
175	860911	0.1788+0.0258	0.2579+0.0363	0.0254+0.0156	2.8798+0.2069	0.0038+0.0192	0.0945+0.0115
175	860917	0.1398+0.0215	0.2297+0.0326	0.0000+0.0075	0.7971+0.0748	0.0000+0.0191	0.0887+0.0117
175	860923	0.0829+0.0144	0.1149+0.0171	0.0000+0.0074	0.8852+0.0762	0.0220+0.0172	0.0568+0.0091
175	860929	0.1238+0.0197	0.1558+0.0227	0.0000+0.0101	1.5385+0.1198	0.0222+0.0199	0.0784+0.0109
175	861005	0.1156+0.0206	0.1215+0.0192	0.0000+0.0052	0.6015+0.0616	0.0194+0.0189	0.0632+0.0102
175	861011	0.1290+0.0200	0.1066+0.0163	0.0000+0.0120	2.3993+0.1743	0.0630+0.0210	0.0740+0.0106
175	861017	0.1904+0.0273	0.2602+0.0367	0.0000+0.0140	2.8297+0.2033	0.0414+0.0211	0.1199+0.0132
175	861023	0.2324+0.0326	0.3111+0.0436	0.0033+0.0057	3.2552+0.2321	0.0456+0.0221	0.1335+0.0141
175	861029	0.2761+0.0375	0.5026+0.0694	0.0000+0.0209	3.2462+0.2307	0.0561+0.0206	0.1420+0.0138
175	861104	0.1825+0.0262	0.3250+0.0454	0.0000+0.0089	0.8537+0.0769	0.0031+0.0181	0.1001+0.0118
175	861110	0.1561+0.0229	0.2840+0.0398	0.0000+0.0065	0.2288+0.0422	0.0165+0.0174	0.0747+0.0102
175	861116	0.1183+0.0189	0.2115+0.0301	0.0000+0.0068	0.6014+0.0625	0.0196+0.0189	0.0926+0.0117
175	861122	0.1585+0.0233	0.2186+0.0310	0.0000+0.0079	1.1524+0.0935	0.0213+0.0183	0.0964+0.0116
175	861128	0.1415+0.0212	0.2791+0.0391	0.0000+0.0083	0.4486+0.0529	0.1531+0.0228	0.3185+0.0251
175	861204	0.3158+0.0423	0.5746+0.0792	0.0000+0.0150	0.7759+0.0725	0.3244+0.0316	0.3746+0.0285
175	861210	0.1184+0.0183	0.2003+0.0284	0.0000+0.0080	0.6288+0.0611	0.0502+0.0176	0.0760+0.0100
175	861216	0.1559+0.0228	0.2326+0.0328	0.0084+0.0046	1.0172+0.0845	0.1018+0.0201	0.2118+0.0182
175	861222	0.1450+0.0213	0.1620+0.0233	0.0000+0.0087	0.6496+0.0621	0.0578+0.0175	0.1006+0.0114
175	861228	0.0600+0.0140	0.1139+0.0175	0.0126+0.0064	0.5594+0.0612	0.0548+0.0210	0.1054+0.0127

FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	CA	TI	V	CR	MN	FE
175	860102	0.0410+0.0079	0.0000+0.0037	0.0010+0.0029	0.0038+0.0027	0.0000+0.0035	0.0057+0.0054
175	860108	0.2174+0.0202	0.0452+0.0060	0.0031+0.0029	0.0064+0.0028	0.0204+0.0039	0.3360+0.0287
175	860114	0.1145+0.0125	0.0129+0.0039	0.0048+0.0029	0.0030+0.0025	0.0146+0.0036	0.1410+0.0136
175	860120	0.1111+0.0126	0.0211+0.0047	0.0073+0.0033	0.0076+0.0031	0.0200+0.0042	0.2071+0.0188
175	860126	0.1685+0.0169	0.0225+0.0047	0.0022+0.0030	0.0003+0.0027	0.0103+0.0039	0.2146+0.0197
175	860201	0.0235+0.0070	0.0081+0.0038	0.0017+0.0028	0.0033+0.0027	0.0096+0.0037	0.0573+0.0079
175	860207	0.1486+0.0156	0.0154+0.0046	0.0045+0.0033	0.0000+0.0030	0.0104+0.0040	0.0873+0.0103
175	860213	0.0498+0.0083	0.0180+0.0043	0.0034+0.0029	0.0000+0.0026	0.0148+0.0038	0.0979+0.0106
175	860219	0.0314+0.0072	0.0102+0.0039	0.0026+0.0027	0.0061+0.0028	0.0119+0.0036	0.0440+0.0070
175	860225	0.1397+0.0143	0.0259+0.0046	0.0034+0.0029	0.0031+0.0026	0.0278+0.0044	0.1991+0.0181
175	860303	0.0588+0.0091	0.0129+0.0042	0.0080+0.0031	0.0082+0.0030	0.0197+0.0041	0.1231+0.0126
175	860309	0.0507+0.0085	0.0080+0.0039	0.0053+0.0031	0.0042+0.0027	0.0072+0.0037	0.0404+0.0069
175	860315	0.0338+0.0076	0.0023+0.0037	0.0060+0.0031	0.0000+0.0028	0.0083+0.0038	0.0339+0.0067
175	860321	0.0868+0.0103	0.0146+0.0039	0.0049+0.0029	0.0036+0.0025	0.0101+0.0034	0.1917+0.0173
175	860327	0.1314+0.0139	0.0179+0.0045	0.0024+0.0030	0.0034+0.0027	0.0166+0.0040	0.1758+0.0164
175	860402	0.0849+0.0104	0.0069+0.0040	0.0010+0.0031	0.0008+0.0031	0.0079+0.0039	0.0854+0.0094
175	860408	0.0417+0.0075	0.0312+0.0048	0.0050+0.0030	0.0036+0.0028	0.0118+0.0037	0.1207+0.0112
175	860414	0.0872+0.0102	0.0160+0.0041	0.0037+0.0029	0.0000+0.0027	0.0087+0.0036	0.1260+0.0118
175	860420	0.1656+0.0155	0.0164+0.0045	0.0035+0.0034	0.0037+0.0032	0.0113+0.0042	0.1769+0.0153
175	860426	0.0915+0.0109	0.0222+0.0049	0.0062+0.0034	0.0000+0.0032	0.0148+0.0042	0.1182+0.0116
175	860502	0.1564+0.0147	0.0402+0.0055	0.0037+0.0031	0.0034+0.0029	0.0151+0.0039	0.2669+0.0214
175	860508	0.1267+0.0131	0.0262+0.0048	0.0022+0.0031	0.0013+0.0031	0.0077+0.0039	0.1468+0.0134
175	860514	0.1189+0.0121	0.0313+0.0050	0.0069+0.0033	0.0020+0.0031	0.0091+0.0039	0.2198+0.0180
175	860520	0.1453+0.0127	0.0242+0.0039	0.0064+0.0025	0.0000+0.0022	0.0125+0.0031	0.1822+0.0143
175	860526	0.1082+0.0104	0.0168+0.0036	0.0057+0.0026	0.0000+0.0023	0.0100+0.0030	0.1107+0.0097
175	860601	0.0789+0.0089	0.0144+0.0036	0.0059+0.0027	0.0000+0.0025	0.0101+0.0033	0.1012+0.0093
175	860607	0.0985+0.0102	0.0208+0.0041	0.0069+0.0029	0.0000+0.0025	0.0117+0.0035	0.1482+0.0123
175	860613	0.1288+0.0119	0.0305+0.0045	0.0054+0.0028	0.0008+0.0026	0.0181+0.0037	0.2290+0.0174
175	860619	0.1095+0.0109	0.0170+0.0040	0.0060+0.0030	0.0000+0.0027	0.0093+0.0036	0.1860+0.0147
175	860625	0.1146+0.0108	0.0371+0.0047	0.0082+0.0027	0.0027+0.0025	0.0219+0.0035	0.1983+0.0153



## FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	CA	TI	V	CR	MN	FE
175	860701	0.1183+0.0112	0.0219+0.0041	0.0099+0.0029	0.0000+0.0026	0.0115+0.0034	0.1613+0.0130
175	860707	0.1124+0.0108	0.0202+0.0038	0.0029+0.0026	0.0033+0.0025	0.0122+0.0033	0.1292+0.0111
175	860713	0.0967+0.0098	0.0109+0.0033	0.0045+0.0025	0.0029+0.0023	0.0111+0.0032	0.1227+0.0104
175	860719	0.1041+0.0101	0.0186+0.0035	0.0087+0.0025	0.0009+0.0022	0.0145+0.0030	0.1633+0.0129
175	860725	0.0880+0.0095	0.0144+0.0036	0.0065+0.0026	0.0001+0.0023	0.0145+0.0033	0.1479+0.0121
175	860731	0.1526+0.0132	0.0265+0.0038	0.0092+0.0025	0.0033+0.0022	0.0177+0.0031	0.2498+0.0186
175	860806	0.1036+0.0101	0.0274+0.0040	0.0106+0.0025	0.0053+0.0022	0.0102+0.0029	0.1832+0.0142
175	860812	0.1771+0.0147	0.0298+0.0041	0.0076+0.0026	0.0037+0.0023	0.0176+0.0033	0.2222+0.0168
175	860818	0.1448+0.0127	0.0234+0.0038	0.0062+0.0024	0.0032+0.0023	0.0124+0.0030	0.2068+0.0158
175	860824	0.1151+0.0111	0.0173+0.0037	0.0048+0.0025	0.0030+0.0023	0.0103+0.0032	0.1687+0.0134
175	860830	0.0874+0.0094	0.0130+0.0034	0.0104+0.0026	0.0022+0.0023	0.0101+0.0031	0.1531+0.0124
175	860905	0.1269+0.0117	0.0474+0.0051	0.0135+0.0029	0.0075+0.0023	0.0155+0.0032	0.3025+0.0219
175	860911	0.0822+0.0091	0.0195+0.0037	0.0067+0.0025	0.0015+0.0022	0.0115+0.0031	0.1169+0.0102
175	860917	0.0754+0.0089	0.0236+0.0041	0.0026+0.0026	0.0055+0.0026	0.0116+0.0034	0.1333+0.0114
175	860923	0.0449+0.0068	0.0040+0.0028	0.0008+0.0022	0.0000+0.0020	0.0045+0.0027	0.0557+0.0064
175	860929	0.0536+0.0077	0.0139+0.0036	0.0062+0.0026	0.0021+0.0025	0.0105+0.0033	0.1295+0.0111
175	861005	0.0416+0.0072	0.0015+0.0031	0.0083+0.0026	0.0000+0.0023	0.0071+0.0031	0.0523+0.0066
175	861011	0.0219+0.0062	0.0084+0.0033	0.0046+0.0025	0.0000+0.0023	0.0038+0.0030	0.0364+0.0058
175	861017	0.0542+0.0079	0.0172+0.0038	0.0056+0.0026	0.0000+0.0023	0.0060+0.0031	0.1084+0.0098
175	861023	0.0776+0.0091	0.0249+0.0042	0.0093+0.0028	0.0041+0.0026	0.0160+0.0035	0.1996+0.0155
175	861029	0.0981+0.0097	0.0567+0.0057	0.0087+0.0026	0.0070+0.0022	0.0258+0.0034	0.2954+0.0214
175	861104	0.1160+0.0111	0.0348+0.0046	0.0081+0.0026	0.0032+0.0023	0.0184+0.0033	0.2084+0.0159
175	861110	0.1253+0.0115	0.0215+0.0038	0.0028+0.0023	0.0000+0.0022	0.0096+0.0030	0.1443+0.0118
175	861116	0.0696+0.0085	0.0197+0.0038	0.0066+0.0026	0.0029+0.0025	0.0159+0.0034	0.1737+0.0139
175	861122	0.0627+0.0079	0.0096+0.0033	0.0031+0.0023	0.0000+0.0022	0.0061+0.0030	0.1054+0.0094
175	861128	0.1921+0.0159	6.2885+0.4166	0.0679+0.0619	0.0000+0.0076	0.0142+0.0033	0.1658+0.0131
175	861204	0.2238+0.0177	0.0454+0.0050	0.0059+0.0023	0.0052+0.0022	0.0371+0.0040	0.4203+0.0296
175	861210	0.0530+0.0071	0.0164+0.0033	0.0047+0.0023	0.0018+0.0020	0.0129+0.0029	0.1269+0.0106
175	861216	0.0765+0.0086	0.0197+0.0036	0.0026+0.0022	0.0034+0.0022	0.0188+0.0032	0.1783+0.0139
175	861222	0.0807+0.0087	0.0128+0.0031	0.0034+0.0020	0.0005+0.0019	0.0153+0.0029	0.1141+0.0098
175	861228	0.0457+0.0076	0.0059+0.0035	0.0066+0.0028	0.0007+0.0026	0.0070+0.0033	0.0542+0.0069

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	NI	CU	ZN	GA	AS	SE
175	860102	0.0008+0.0022	0.0000+0.0025	0.0022+0.0022	0.0000+0.0017	0.0000+0.0072	0.0000+0.0025
175	860108	0.0084+0.0025	0.2740+0.0228	0.2218+0.0187	0.0000+0.0019	0.0021+0.0092	0.0000+0.0024
175	860114	0.0089+0.0026	0.0340+0.0042	0.0522+0.0053	0.0000+0.0017	0.0008+0.0086	0.0000+0.0024
175	860120	0.0058+0.0026	0.0584+0.0060	0.0916+0.0084	0.0000+0.0021	0.0005+0.0106	0.0000+0.0027
175	860126	0.0048+0.0025	0.0495+0.0055	0.0495+0.0053	0.0008+0.0020	0.0000+0.0089	0.0000+0.0027
175	860201	0.0013+0.0023	0.0893+0.0085	0.0843+0.0079	0.0000+0.0018	0.0000+0.0089	0.0012+0.0027
175	860207	0.0038+0.0027	0.1612+0.0142	0.1450+0.0129	0.0002+0.0020	0.0035+0.0085	0.0000+0.0030
175	860213	0.0032+0.0024	0.1364+0.0120	0.1069+0.0096	0.0000+0.0018	0.0024+0.0080	0.0000+0.0026
175	860219	0.0010+0.0023	0.0805+0.0077	0.0850+0.0079	0.0000+0.0018	0.0000+0.0082	0.0000+0.0026
175	860225	0.0043+0.0023	0.1948+0.0165	0.1757+0.0150	0.0011+0.0019	0.0137+0.0084	0.0000+0.0024
175	860303	0.0101+0.0028	0.1568+0.0137	0.1586+0.0137	0.0007+0.0021	0.0015+0.0104	0.0000+0.0026
175	860309	0.0006+0.0023	0.0485+0.0053	0.0460+0.0049	0.0026+0.0019	0.0000+0.0074	0.0021+0.0027
175	860315	0.0010+0.0023	0.0234+0.0037	0.0301+0.0039	0.0013+0.0020	0.0031+0.0075	0.0049+0.0028
175	860321	0.0068+0.0024	0.0840+0.0078	0.0764+0.0071	0.0024+0.0017	0.0065+0.0073	0.0009+0.0024
175	860327	0.0045+0.0024	0.1527+0.0132	0.1260+0.0110	0.0000+0.0019	0.0000+0.0091	0.0000+0.0027
175	860402	0.0032+0.0026	0.0260+0.0038	0.0400+0.0042	0.0000+0.0021	0.0000+0.0085	0.0037+0.0029
175	860408	0.0069+0.0025	0.2556+0.0192	0.2085+0.0159	0.0000+0.0020	0.0000+0.0093	0.0030+0.0025
175	860414	0.0034+0.0024	0.0719+0.0065	0.0682+0.0061	0.0000+0.0019	0.0029+0.0089	0.0034+0.0026
175	860420	0.0027+0.0027	0.0002+0.0029	0.0164+0.0028	0.0000+0.0022	0.0000+0.0096	0.0000+0.0029
175	860426	0.0000+0.0025	0.0000+0.0029	0.0229+0.0032	0.0000+0.0022	0.0000+0.0099	0.0040+0.0030
175	860502	0.0062+0.0026	0.0343+0.0041	0.0548+0.0052	0.0000+0.0021	0.0000+0.0107	0.0016+0.0026
175	860508	0.0063+0.0027	0.0064+0.0031	0.0347+0.0040	0.0000+0.0021	0.0000+0.0103	0.0014+0.0029
175	860514	0.0083+0.0028	0.5147+0.0371	0.3866+0.0283	0.0000+0.0023	0.0000+0.0100	0.0054+0.0029
175	860520	0.0037+0.0019	0.0826+0.0066	0.0876+0.0069	0.0003+0.0017	0.0000+0.0094	0.0043+0.0022
175	860526	0.0007+0.0019	0.0289+0.0034	0.0322+0.0033	0.0000+0.0016	0.0000+0.0086	0.0031+0.0022
175	860601	0.0029+0.0022	0.0256+0.0033	0.0380+0.0037	0.0000+0.0018	0.0000+0.0082	0.0023+0.0023
175	860607	0.0252+0.0034	0.0568+0.0052	0.0560+0.0049	0.0000+0.0018	0.0000+0.0100	0.0006+0.0025
175	860613	0.0030+0.0022	0.0409+0.0041	0.0794+0.0064	0.0000+0.0019	0.0000+0.0110	0.0045+0.0025
175	860619	0.0063+0.0025	0.0744+0.0062	0.0793+0.0064	0.0000+0.0019	0.0000+0.0097	0.0036+0.0026
175	860625	0.0048+0.0022	0.0228+0.0030	0.1022+0.0078	0.0000+0.0018	0.0033+0.0110	0.0005+0.0022

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	NI	CU	ZN	GA	AS	SE
175	860701	0.0039+0.0023	0.0048+0.0025	0.0352+0.0035	0.0000+0.0018	0.0000+0.0088	0.0016+0.0024
175	860707	0.0094+0.0024	0.0385+0.0040	0.0506+0.0045	0.0000+0.0017	0.0000+0.0094	0.0011+0.0022
175	860713	0.0034+0.0019	0.0306+0.0034	0.0413+0.0038	0.0011+0.0015	0.0000+0.0077	0.0027+0.0022
175	860719	0.0023+0.0019	0.0352+0.0036	0.0626+0.0051	0.0004+0.0015	0.0015+0.0080	0.0041+0.0020
175	860725	0.0068+0.0022	0.0233+0.0031	0.0661+0.0054	0.0009+0.0016	0.0000+0.0084	0.0034+0.0023
175	860731	0.0094+0.0022	0.0495+0.0045	0.0938+0.0072	0.0020+0.0015	0.0024+0.0086	0.0042+0.0020
175	860806	0.0065+0.0019	0.0450+0.0041	0.0741+0.0058	0.0019+0.0015	0.0000+0.0079	0.0028+0.0020
175	860812	0.0092+0.0022	0.1106+0.0084	0.1222+0.0090	0.0024+0.0016	0.0000+0.0092	0.0061+0.0022
175	860818	0.0017+0.0019	0.0423+0.0041	0.0572+0.0048	0.0017+0.0016	0.0000+0.0086	0.0000+0.0020
175	860824	0.1269+0.0096	0.0913+0.0073	0.0830+0.0065	0.0000+0.0016	0.0000+0.0095	0.0053+0.0023
175	860830	0.0097+0.0023	0.0328+0.0035	0.0444+0.0040	0.0019+0.0016	0.0000+0.0086	0.0000+0.0020
175	860905	0.0082+0.0022	0.0563+0.0049	0.1048+0.0079	0.0000+0.0017	0.0000+0.0129	0.0065+0.0022
175	860911	0.0096+0.0022	0.0097+0.0024	0.0501+0.0044	0.0003+0.0015	0.0000+0.0089	0.0022+0.0022
175	860917	0.0052+0.0022	0.0215+0.0031	0.0572+0.0049	0.0027+0.0018	0.0000+0.0094	0.0000+0.0023
175	860923	0.0004+0.0018	0.0111+0.0023	0.0143+0.0022	0.0009+0.0013	0.0000+0.0061	0.0018+0.0020
175	860929	0.0057+0.0022	0.0246+0.0032	0.0655+0.0055	0.0019+0.0018	0.0016+0.0093	0.0000+0.0022
175	861005	0.0033+0.0022	0.0187+0.0030	0.0182+0.0026	0.0000+0.0015	0.0000+0.0071	0.0003+0.0023
175	861011	0.0007+0.0020	0.0299+0.0035	0.0383+0.0037	0.0008+0.0015	0.0012+0.0069	0.0030+0.0023
175	861017	0.0034+0.0022	0.1717+0.0124	0.1347+0.0100	0.0034+0.0018	0.0045+0.0078	0.0040+0.0023
175	861023	0.0103+0.0025	0.0423+0.0043	0.0851+0.0067	0.0019+0.0018	0.0059+0.0099	0.0015+0.0023
175	861029	0.0149+0.0024	0.0213+0.0028	0.1612+0.0116	0.0051+0.0020	0.0052+0.0167	0.0038+0.0020
175	861104	0.0028+0.0020	0.0259+0.0032	0.0822+0.0065	0.0037+0.0018	0.0000+0.0099	0.0015+0.0022
175	861110	0.0085+0.0022	0.0054+0.0022	0.0277+0.0030	0.0000+0.0015	0.0000+0.0086	0.0000+0.0020
175	861116	0.0041+0.0022	0.0139+0.0027	0.0591+0.0050	0.0019+0.0016	0.0036+0.0078	0.0036+0.0023
175	861122	0.0027+0.0020	0.0286+0.0034	0.0402+0.0038	0.0004+0.0015	0.0003+0.0070	0.0012+0.0022
175	861128	0.0038+0.0020	0.0217+0.0030	0.9722+0.0649	0.0009+0.0023	0.0000+0.0079	0.0016+0.0021
175	861204	0.0082+0.0020	0.1162+0.0087	0.2392+0.0167	0.0005+0.0017	0.0029+0.0127	0.0000+0.0019
175	861210	0.0024+0.0018	0.0370+0.0037	0.0477+0.0042	0.0028+0.0015	0.0030+0.0070	0.0000+0.0019
175	861216	0.0053+0.0019	0.0369+0.0037	0.0666+0.0054	0.0015+0.0015	0.0034+0.0076	0.0024+0.0020
175	861222	0.0072+0.0019	0.1017+0.0078	0.0825+0.0065	0.0000+0.0014	0.0000+0.0072	0.0008+0.0019
175	861228	0.0010+0.0022	0.0325+0.0039	0.0790+0.0063	0.0000+0.0018	0.0000+0.0080	0.0036+0.0025

FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	BR	RB	SR	Y	ZR	MO
175	860102	0.0030+0.0035	0.0025+0.0045	0.0043+0.0056	0.0000+0.0065	0.0000+0.0272	0.0087+0.0191
175	860108	0.0164+0.0037	0.0066+0.0044	0.0074+0.0053	0.0003+0.0063	0.0000+0.0256	0.0225+0.0182
175	860114	0.0187+0.0037	0.0000+0.0043	0.0000+0.0051	0.0000+0.0062	0.0268+0.0255	0.0037+0.0178
175	860120	0.0411+0.0052	0.0015+0.0048	0.0000+0.0058	0.0000+0.0069	0.0000+0.0284	0.0000+0.0198
175	860126	0.0055+0.0037	0.0005+0.0046	0.0015+0.0056	0.0013+0.0068	0.0000+0.0278	0.0196+0.0198
175	860201	0.0270+0.0043	0.0000+0.0045	0.0076+0.0055	0.0041+0.0065	0.0000+0.0267	0.0200+0.0189
175	860207	0.0101+0.0040	0.0027+0.0050	0.0065+0.0061	0.0020+0.0073	0.0000+0.0302	0.0244+0.0214
175	860213	0.0188+0.0039	0.0000+0.0043	0.0000+0.0053	0.0071+0.0066	0.0079+0.0267	0.0190+0.0188
175	860219	0.0102+0.0036	0.0005+0.0044	0.0016+0.0053	0.0019+0.0065	0.0000+0.0261	0.0032+0.0184
175	860225	0.0133+0.0036	0.0029+0.0043	0.0040+0.0051	0.0000+0.0063	0.0000+0.0254	0.0000+0.0180
175	860303	0.0220+0.0041	0.0021+0.0046	0.0016+0.0055	0.0008+0.0067	0.0020+0.0277	0.0060+0.0194
175	860309	0.0084+0.0036	0.0048+0.0045	0.0014+0.0055	0.0000+0.0066	0.0000+0.0272	0.0192+0.0194
175	860315	0.0099+0.0038	0.0013+0.0045	0.0000+0.0055	0.0002+0.0067	0.0292+0.0278	0.0000+0.0193
175	860321	0.0055+0.0033	0.0000+0.0041	0.0000+0.0051	0.0041+0.0060	0.0032+0.0248	0.0000+0.0174
175	860327	0.0225+0.0042	0.0000+0.0046	0.0058+0.0056	0.0000+0.0067	0.0000+0.0277	0.0214+0.0195
175	860402	0.0104+0.0039	0.0000+0.0050	0.0000+0.0059	0.0000+0.0071	0.0000+0.0294	0.0384+0.0208
175	860408	0.0135+0.0037	0.0000+0.0044	0.0000+0.0054	0.0000+0.0065	0.0255+0.0265	0.0000+0.0183
175	860414	0.0192+0.0040	0.0000+0.0045	0.0005+0.0055	0.0034+0.0066	0.0098+0.0271	0.0000+0.0187
175	860420	0.0166+0.0042	0.0000+0.0051	0.0000+0.0062	0.0000+0.0075	0.0156+0.0308	0.0172+0.0214
175	860426	0.0212+0.0044	0.0006+0.0053	0.0038+0.0062	0.0032+0.0075	0.0000+0.0309	0.0000+0.0218
175	860502	0.0335+0.0045	0.0000+0.0046	0.0037+0.0055	0.0000+0.0066	0.0019+0.0272	0.0348+0.0192
175	860508	0.0186+0.0043	0.0000+0.0050	0.0082+0.0061	0.0005+0.0074	0.0310+0.0297	0.0000+0.0209
175	860514	0.0176+0.0041	0.0028+0.0049	0.0015+0.0059	0.0000+0.0069	0.0000+0.0288	0.0000+0.0204
175	860520	0.0251+0.0035	0.0000+0.0036	0.0026+0.0043	0.0000+0.0053	0.0303+0.0218	0.0000+0.0152
175	860526	0.0215+0.0034	0.0000+0.0038	0.0056+0.0045	0.0000+0.0055	0.0179+0.0225	0.0000+0.0158
175	860601	0.0208+0.0035	0.0000+0.0041	0.0034+0.0049	0.0004+0.0059	0.0000+0.0241	0.0241+0.0169
175	860607	0.0268+0.0039	0.0000+0.0043	0.0000+0.0051	0.0000+0.0062	0.0128+0.0252	0.0000+0.0178
175	860613	0.0390+0.0045	0.0000+0.0043	0.0018+0.0049	0.0015+0.0060	0.0178+0.0248	0.0000+0.0174
175	860619	0.0250+0.0040	0.0000+0.0045	0.0008+0.0053	0.0007+0.0066	0.0000+0.0267	0.0257+0.0188
175	860625	0.0346+0.0040	0.0000+0.0040	0.0057+0.0046	0.0000+0.0056	0.0040+0.0229	0.0000+0.0162

FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	BR	RB	SR	Y	ZR	MO
175	860701	0.0201+0.0036	0.0000+0.0042	0.0053+0.0050	0.0000+0.0060	0.0000+0.0247	0.0190+0.0173
175	860707	0.0267+0.0038	0.0000+0.0040	0.0087+0.0048	0.0037+0.0058	0.0062+0.0234	0.0000+0.0167
175	860713	0.0221+0.0034	0.0054+0.0037	0.0118+0.0045	0.0039+0.0053	0.0000+0.0228	0.0201+0.0154
175	860719	0.0229+0.0034	0.0000+0.0035	0.0060+0.0043	0.0026+0.0051	0.0000+0.0213	0.0210+0.0147
175	860725	0.0168+0.0033	0.0024+0.0038	0.0054+0.0046	0.0053+0.0057	0.0262+0.0228	0.0256+0.0162
175	860731	0.0219+0.0033	0.0024+0.0034	0.0076+0.0042	0.0022+0.0050	0.0000+0.0205	0.0000+0.0141
175	860806	0.0241+0.0033	0.0019+0.0034	0.0104+0.0042	0.0031+0.0050	0.0305+0.0201	0.0000+0.0139
175	860812	0.0276+0.0037	0.0016+0.0037	0.0035+0.0045	0.0000+0.0054	0.0405+0.0219	0.0141+0.0152
175	860818	0.0183+0.0033	0.0042+0.0036	0.0055+0.0044	0.0000+0.0052	0.0000+0.0218	0.0000+0.0152
175	860824	0.0253+0.0037	0.0014+0.0038	0.0027+0.0046	0.0019+0.0057	0.0000+0.0234	0.0198+0.0162
175	860830	0.0229+0.0035	0.0034+0.0038	0.0024+0.0044	0.0027+0.0055	0.0000+0.0224	0.0239+0.0156
175	860905	0.0495+0.0047	0.0015+0.0036	0.0085+0.0043	0.0000+0.0052	0.0375+0.0211	0.0000+0.0151
175	860911	0.0286+0.0038	0.0001+0.0037	0.0008+0.0045	0.0004+0.0055	0.0000+0.0222	0.0161+0.0155
175	860917	0.0177+0.0036	0.0046+0.0041	0.0000+0.0049	0.0000+0.0060	0.0000+0.0247	0.0269+0.0172
175	860923	0.0073+0.0029	0.0045+0.0035	0.0000+0.0042	0.0050+0.0051	0.0314+0.0208	0.0124+0.0146
175	860929	0.0301+0.0039	0.0026+0.0040	0.0015+0.0048	0.0000+0.0059	0.0272+0.0237	0.0072+0.0165
175	861005	0.0086+0.0033	0.0022+0.0039	0.0024+0.0049	0.0000+0.0058	0.0277+0.0237	0.0000+0.0166
175	861011	0.0135+0.0033	0.0031+0.0039	0.0041+0.0048	0.0000+0.0057	0.0332+0.0233	0.0103+0.0163
175	861017	0.0207+0.0037	0.0049+0.0040	0.0083+0.0049	0.0000+0.0059	0.0372+0.0238	0.0282+0.0168
175	861023	0.0361+0.0043	0.0005+0.0041	0.0055+0.0049	0.0000+0.0060	0.0000+0.0246	0.0282+0.0171
175	861029	0.0602+0.0051	0.0000+0.0034	0.0108+0.0042	0.0028+0.0050	0.0261+0.0198	0.0268+0.0140
175	861104	0.0233+0.0035	0.0000+0.0037	0.0062+0.0046	0.0000+0.0056	0.0215+0.0224	0.0009+0.0156
175	861110	0.0146+0.0032	0.0039+0.0036	0.0019+0.0045	0.0068+0.0054	0.0000+0.0219	0.0190+0.0153
175	861116	0.0181+0.0035	0.0026+0.0040	0.0063+0.0048	0.0064+0.0058	0.0372+0.0234	0.0246+0.0164
175	861122	0.0149+0.0033	0.0000+0.0037	0.0028+0.0045	0.0000+0.0054	0.0000+0.0219	0.0033+0.0154
175	861128	0.0141+0.0031	0.0040+0.0036	0.0027+0.0044	0.0000+0.0054	0.0000+0.0217	0.0000+0.0153
175	861204	0.0440+0.0042	0.0023+0.0034	0.0000+0.0039	0.0001+0.0048	0.0267+0.0193	0.0000+0.0134
175	861210	0.0180+0.0031	0.0035+0.0034	0.0014+0.0041	0.0015+0.0050	0.0137+0.0201	0.0135+0.0142
175	861216	0.0211+0.0032	0.0036+0.0035	0.0030+0.0042	0.0000+0.0051	0.0338+0.0206	0.0069+0.0143
175	861222	0.0134+0.0029	0.0074+0.0033	0.0033+0.0040	0.0063+0.0049	0.0000+0.0198	0.0165+0.0138
175	861228	0.0148+0.0036	0.0000+0.0043	0.0135+0.0053	0.0019+0.0063	0.0000+0.0257	0.0277+0.0177

FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	PD	AG	CD	IN	SN	SB
175	860102	0.0089+0.0172	0.0204+0.0233	0.0312+0.0308	0.0245+0.0384	0.0000+0.0453	0.1038+0.1032
175	860108	0.0000+0.0169	0.0022+0.0215	0.0146+0.0288	0.0439+0.0366	0.0114+0.0432	0.1048+0.0976
175	860114	0.0186+0.0162	0.0094+0.0214	0.0435+0.0289	0.0233+0.0356	0.0000+0.0424	0.0000+0.0941
175	860120	0.0000+0.0177	0.0000+0.0237	0.0000+0.0314	0.0208+0.0400	0.0352+0.0481	0.0000+0.1055
175	860126	0.0000+0.0172	0.0007+0.0234	0.0166+0.0312	0.0563+0.0398	0.0000+0.0464	0.0635+0.1048
175	860201	0.0307+0.0175	0.0000+0.0220	0.0129+0.0298	0.0000+0.0371	0.0580+0.0457	0.1407+0.1023
175	860207	0.0030+0.0189	0.0000+0.0252	0.0606+0.0347	0.0000+0.0421	0.0028+0.0507	0.0000+0.1123
175	860213	0.0000+0.0166	0.0039+0.0225	0.0000+0.0296	0.0103+0.0375	0.0148+0.0450	0.0453+0.1005
175	860219	0.0069+0.0166	0.0331+0.0228	0.0000+0.0290	0.0000+0.0364	0.0106+0.0442	0.0000+0.0979
175	860225	0.0000+0.0157	0.0312+0.0223	0.0000+0.0278	0.0000+0.0352	0.0000+0.0429	0.0241+0.0958
175	860303	0.0161+0.0176	0.0000+0.0231	0.0129+0.0308	0.0000+0.0385	0.0000+0.0458	0.0587+0.1042
175	860309	0.0180+0.0174	0.0000+0.0227	0.0000+0.0301	0.0000+0.0378	0.0111+0.0460	0.0000+0.1014
175	860315	0.0000+0.0172	0.0060+0.0234	0.0171+0.0310	0.0179+0.0388	0.0028+0.0465	0.0000+0.1030
175	860321	0.0070+0.0157	0.0117+0.0212	0.0082+0.0277	0.0000+0.0343	0.0000+0.0414	0.0329+0.0934
175	860327	0.0221+0.0178	0.0000+0.0230	0.0449+0.0315	0.0406+0.0392	0.0000+0.0462	0.0633+0.1043
175	860402	0.0024+0.0185	0.0029+0.0255	0.0000+0.0334	0.0143+0.0416	0.0000+0.0495	0.0000+0.1106
175	860408	0.0113+0.0167	0.0003+0.0227	0.0000+0.0299	0.0000+0.0368	0.0000+0.0438	0.0000+0.0995
175	860414	0.0124+0.0171	0.0000+0.0230	0.0000+0.0298	0.0595+0.0390	0.0243+0.0456	0.0061+0.1023
175	860420	0.0000+0.0191	0.0000+0.0263	0.0000+0.0347	0.0209+0.0434	0.0131+0.0518	0.0000+0.1143
175	860426	0.0239+0.0198	0.0000+0.0260	0.0347+0.0356	0.0288+0.0438	0.0139+0.0521	0.0000+0.1154
175	860502	0.0000+0.0170	0.0000+0.0232	0.0000+0.0306	0.0000+0.0380	0.0344+0.0462	0.0000+0.0989
175	860508	0.0018+0.0186	0.0000+0.0254	0.0437+0.0346	0.0096+0.0419	0.0328+0.0509	0.0000+0.1129
175	860514	0.0113+0.0182	0.0088+0.0250	0.0000+0.0324	0.0506+0.0413	0.0045+0.0484	0.0000+0.1087
175	860520	0.0000+0.0133	0.0082+0.0187	0.0000+0.0242	0.0017+0.0303	0.0037+0.0362	0.0000+0.0801
175	860526	0.0129+0.0142	0.0000+0.0191	0.0001+0.0254	0.0000+0.0315	0.0282+0.0379	0.0000+0.0840
175	860601	0.0012+0.0150	0.0000+0.0205	0.0000+0.0272	0.0209+0.0342	0.0000+0.0405	0.0000+0.0905
175	860607	0.0000+0.0157	0.0098+0.0219	0.0000+0.0279	0.0000+0.0350	0.0000+0.0421	0.0000+0.0950
175	860613	0.0000+0.0152	0.0082+0.0215	0.0070+0.0281	0.0000+0.0346	0.0134+0.0417	0.0000+0.0929
175	860619	0.0046+0.0168	0.0155+0.0233	0.0000+0.0298	0.0129+0.0377	0.0000+0.0446	0.0000+0.1001
175	860625	0.0000+0.0143	0.0000+0.0195	0.0000+0.0259	0.0221+0.0326	0.0185+0.0387	0.0000+0.0851

FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	PD	AG	CD	IN	SN	SB
175	860701	0.0177+0.0158	0.0000+0.0211	0.0000+0.0279	0.0000+0.0344	0.0000+0.0412	0.0000+0.0932
175	860707	0.0000+0.0145	0.0000+0.0201	0.0000+0.0263	0.0310+0.0333	0.0186+0.0395	0.0000+0.0879
175	860713	0.0058+0.0140	0.0361+0.0192	0.0029+0.0246	0.0497+0.0315	0.0151+0.0363	0.0880+0.0811
175	860719	0.0121+0.0137	0.0000+0.0183	0.0019+0.0236	0.0000+0.0293	0.0049+0.0351	0.0447+0.0780
175	860725	0.0000+0.0145	0.0306+0.0198	0.0000+0.0255	0.0077+0.0321	0.0210+0.0385	0.0229+0.0848
175	860731	0.0091+0.0133	0.0000+0.0169	0.0000+0.0224	0.0261+0.0290	0.0423+0.0348	0.0154+0.0757
175	860806	0.0000+0.0125	0.0023+0.0168	0.0087+0.0226	0.0152+0.0282	0.0000+0.0345	0.0394+0.0746
175	860812	0.0198+0.0144	0.0219+0.0187	0.0219+0.0248	0.0395+0.0311	0.0733+0.0376	0.0971+0.0822
175	860818	0.0017+0.0139	0.0000+0.0187	0.0266+0.0247	0.0249+0.0304	0.0000+0.0374	0.0947+0.0812
175	860824	0.0247+0.0154	0.0105+0.0196	0.0000+0.0257	0.0404+0.0329	0.0792+0.0398	0.0713+0.0863
175	860830	0.0042+0.0143	0.0028+0.0186	0.0046+0.0249	0.0070+0.0311	0.0434+0.0377	0.0651+0.0829
175	860905	0.0000+0.0133	0.0176+0.0179	0.0000+0.0234	0.0206+0.0298	0.0000+0.0365	0.0476+0.0785
175	860911	0.0213+0.0147	0.0034+0.0185	0.0140+0.0250	0.0000+0.0305	0.0254+0.0374	0.1650+0.0848
175	860917	0.0222+0.0161	0.0150+0.0207	0.0275+0.0278	0.0000+0.0341	0.0188+0.0412	0.0617+0.0912
175	860923	0.0000+0.0134	0.0000+0.0173	0.0103+0.0236	0.0186+0.0294	0.0000+0.0360	0.0039+0.0772
175	860929	0.0000+0.0150	0.0293+0.0204	0.0127+0.0268	0.0436+0.0338	0.0297+0.0401	0.1410+0.0902
175	861005	0.0000+0.0151	0.0249+0.0204	0.0000+0.0264	0.0091+0.0334	0.0462+0.0404	0.0270+0.0883
175	861011	0.0000+0.0145	0.0000+0.0194	0.0000+0.0258	0.0000+0.0323	0.0057+0.0391	0.0932+0.0876
175	861017	0.0000+0.0151	0.0046+0.0200	0.0000+0.0264	0.0124+0.0334	0.0000+0.0398	0.0000+0.0875
175	861023	0.0027+0.0157	0.0092+0.0207	0.0049+0.0275	0.0602+0.0351	0.0261+0.0412	0.0989+0.0918
175	861029	0.0082+0.0129	0.0000+0.0174	0.0000+0.0221	0.0000+0.0275	0.0000+0.0345	0.0817+0.0748
175	861104	0.0000+0.0142	0.0150+0.0191	0.0000+0.0248	0.0000+0.0314	0.0188+0.0379	0.0444+0.0838
175	861110	0.0197+0.0143	0.0263+0.0188	0.0151+0.0246	0.0182+0.0307	0.0477+0.0370	0.1447+0.0830
175	861116	0.0030+0.0150	0.0000+0.0194	0.0000+0.0257	0.0090+0.0330	0.0469+0.0398	0.0347+0.0871
175	861122	0.0000+0.0141	0.0110+0.0188	0.0196+0.0253	0.0122+0.0313	0.0385+0.0378	0.0604+0.0833
175	861128	0.0013+0.0140	0.0091+0.0184	0.0000+0.0243	0.0534+0.0312	0.0236+0.0365	0.1002+0.0818
175	861204	0.0106+0.0126	0.0098+0.0164	0.0098+0.0218	0.0000+0.0267	0.0291+0.0329	0.0000+0.0742
175	861210	0.0000+0.0130	0.0000+0.0169	0.0057+0.0229	0.0240+0.0287	0.0245+0.0343	0.0542+0.0759
175	861216	0.0000+0.0131	0.0225+0.0177	0.0000+0.0231	0.0014+0.0288	0.0401+0.0350	0.1096+0.0782
175	861222	0.0000+0.0124	0.0025+0.0165	0.0311+0.0227	0.0345+0.0280	0.0000+0.0342	0.0845+0.0741
175	861228	0.0000+0.0159	0.0236+0.0222	0.0076+0.0291	0.0134+0.0359	0.0273+0.0436	0.0008+0.0979

FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	BA	LA	HG	PB
175	860102	0.0925+0.1861	0.1104+0.3404	0.0000+0.0030	0.0097+0.0121
175	860108	0.2375+0.1779	0.1805+0.3223	0.0031+0.0031	0.0985+0.0145
175	860114	0.0000+0.1724	0.3313+0.3196	0.0000+0.0029	0.0827+0.0135
175	860120	0.3195+0.1979	0.0000+0.3529	0.0016+0.0032	0.1216+0.0167
175	860126	0.0993+0.1905	0.0000+0.3471	0.0007+0.0031	0.0837+0.0146
175	860201	0.1273+0.1833	0.0000+0.3324	0.0008+0.0030	0.0847+0.0142
175	860207	0.2113+0.2084	0.0326+0.3778	0.0008+0.0035	0.0444+0.0140
175	860213	0.0350+0.1826	0.1985+0.3358	0.0018+0.0031	0.0577+0.0130
175	860219	0.0382+0.1794	0.0000+0.3351	0.0021+0.0031	0.0673+0.0133
175	860225	0.0000+0.1744	0.0000+0.3193	0.0005+0.0029	0.0717+0.0131
175	860303	0.0000+0.1884	0.0536+0.3459	0.0000+0.0031	0.1198+0.0163
175	860309	0.2336+0.1891	0.4730+0.3469	0.0029+0.0032	0.0293+0.0125
175	860315	0.3034+0.1926	0.0000+0.3457	0.0000+0.0031	0.0262+0.0126
175	860321	0.0462+0.1699	0.2208+0.3127	0.0051+0.0030	0.0478+0.0119
175	860327	0.3090+0.1925	0.1106+0.3465	0.0018+0.0032	0.0897+0.0147
175	860402	0.1837+0.1996	0.0361+0.3594	0.0000+0.0034	0.0552+0.0138
175	860408	0.1037+0.1779	0.4696+0.3263	0.0000+0.0030	0.1001+0.0141
175	860414	0.0627+0.1817	0.0000+0.3386	0.0016+0.0032	0.0843+0.0138
175	860420	0.0100+0.2062	0.6671+0.3818	0.0000+0.0035	0.0846+0.0151
175	860426	0.2075+0.2097	0.4894+0.3818	0.0024+0.0037	0.0932+0.0156
175	860502	0.2785+0.1861	0.0013+0.3317	0.0005+0.0032	0.1309+0.0159
175	860508	0.0507+0.2051	0.0000+0.3635	0.0000+0.0035	0.1118+0.0161
175	860514	0.0000+0.1932	0.1433+0.3522	0.0011+0.0034	0.1095+0.0153
175	860520	0.1873+0.1467	0.0044+0.2622	0.0000+0.0025	0.1236+0.0134
175	860526	0.2087+0.1525	0.0000+0.2790	0.0015+0.0027	0.1015+0.0125
175	860601	0.1005+0.1628	0.3591+0.2974	0.0004+0.0029	0.0840+0.0124
175	860607	0.1303+0.1701	0.0000+0.3137	0.0000+0.0029	0.1261+0.0146
175	860613	0.0678+0.1668	0.3019+0.3044	0.0000+0.0029	0.1475+0.0154
175	860619	0.0740+0.1801	0.0000+0.3347	0.0000+0.0031	0.1121+0.0145
175	860625	0.0000+0.1581	0.1807+0.2809	0.0018+0.0027	0.1557+0.0152



FINE PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	BA	LA	HG	PB
175	860701	0.0000+0.1656	0.0723+0.3023	0.0000+0.0029	0.0971+0.0132
175	860707	0.1609+0.1586	0.4359+0.2897	0.0000+0.0026	0.1173+0.0135
175	860713	0.2469+0.1498	0.3778+0.2728	0.0054+0.0027	0.0829+0.0117
175	860719	0.1575+0.1456	0.0781+0.2583	0.0022+0.0026	0.0939+0.0120
175	860725	0.0000+0.1618	0.2060+0.2839	0.0008+0.0027	0.0972+0.0128
175	860731	0.0525+0.1412	0.0999+0.2530	0.0000+0.0024	0.1102+0.0125
175	860806	0.0753+0.1386	0.3164+0.2505	0.0014+0.0024	0.0964+0.0117
175	860812	0.2542+0.1529	0.4277+0.2734	0.0020+0.0027	0.1224+0.0134
175	860818	0.2706+0.1514	0.2947+0.2684	0.0007+0.0026	0.1077+0.0127
175	860824	0.1663+0.1605	0.0692+0.2849	0.0039+0.0029	0.1227+0.0140
175	860830	0.2914+0.1559	0.4326+0.2777	0.0009+0.0027	0.1067+0.0128
175	860905	0.0000+0.1484	0.1237+0.2602	0.0009+0.0026	0.2041+0.0174
175	860911	0.0000+0.1557	0.3161+0.2757	0.0023+0.0027	0.1126+0.0132
175	860917	0.0000+0.1719	0.0000+0.3005	0.0026+0.0030	0.1159+0.0142
175	860923	0.1967+0.1458	0.2206+0.2595	0.0003+0.0024	0.0403+0.0100
175	860929	0.0226+0.1637	0.0000+0.2925	0.0016+0.0029	0.1168+0.0140
175	861005	0.0000+0.1632	0.1071+0.2945	0.0000+0.0027	0.0520+0.0116
175	861011	0.0427+0.1607	0.0723+0.2878	0.0016+0.0029	0.0518+0.0114
175	861017	0.0000+0.1668	0.1529+0.2941	0.0031+0.0029	0.0724+0.0121
175	861023	0.0000+0.1744	0.3027+0.3037	0.0071+0.0032	0.1253+0.0145
175	861029	0.2556+0.1398	0.0000+0.2442	0.0016+0.0024	0.2804+0.0217
175	861104	0.2263+0.1575	0.1370+0.2787	0.0003+0.0027	0.1332+0.0142
175	861110	0.1831+0.1515	0.2944+0.2708	0.0000+0.0026	0.1091+0.0129
175	861116	0.0000+0.1611	0.5664+0.2959	0.0029+0.0029	0.0756+0.0122
175	861122	0.1058+0.1545	0.4458+0.2798	0.0014+0.0027	0.0622+0.0113
175	861128	0.1866+0.1511	0.0000+0.2750	0.0020+0.0027	0.0897+0.0120
175	861204	0.0000+0.1371	0.0000+0.2381	0.0036+0.0024	0.2037+0.0170
175	861210	0.2776+0.1432	0.0000+0.2484	0.0041+0.0026	0.0734+0.0109
175	861216	0.0000+0.1457	0.1054+0.2547	0.0026+0.0026	0.0865+0.0116
175	861222	0.0000+0.3203	0.4722+0.2480	0.0012+0.0023	0.0837+0.0111
175	861228	0.3205+0.1786	0.4376+0.3156	0.0001+0.0032	0.0723+0.0127

## Part P

Fine Particle Concentrations Measured at  
Anaheim during 1986

This section contains data on fine particle mass concentration and chemical composition measured during the year 1986 at Anaheim. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following fine ( $d_p < 2.2 \mu\text{m AD}$ ) aerosol species: fine mass, organic carbon (OC), elemental carbon (EC), total carbon ( $\text{TC} = \text{OC} + \text{EC}$ ),  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ ,  $\text{Mg}^{++}$ , Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.990 \pm -9.990$  and by  $-9.999 \pm -9.999$ .

Values preceded by the symbol  $<$  are determined to be below their detection limit. In that case, the nominal measured concentration is reported, but the error bound is set equal to the instrumental detection limit for that sample. Therefore, the reported error is greater than the measured concentration. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol  $<$  has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by  $\text{Cl}^-$ , while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  concentrations were obtained by two methods. In one method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a nylon filter downstream of a Teflon-coated cyclone ( $d_p < 2.2 \mu\text{m AD}$ ) and a MgO-coated diffusion denuder designed to quantitatively remove acid gases from the air stream. Nitrate ion and  $\text{Cl}^-$  samples collected by this method are labeled

with the symbol CD [i.e.  $\text{Cl}^-(\text{CD})$  and  $\text{NO}_3^-(\text{CD})$ ]. In the second method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a polytetrafluoroethylene (PTFE) filter located downstream of the Teflon-coated cyclone alone. Nitrate ion and  $\text{Cl}^-$  collected by this method are specified as  $\text{NO}_3^-$  and  $\text{Cl}^-$ , only. Samples for  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ , and  $\text{Mg}^{++}$  determination also were collected on the PTFE filter downstream of the cyclone separator. Water soluble fine  $\text{Br}^-$  aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
176	860102	84.096+- 4.114	9.37+- 0.81	3.03+- 0.49	12.40+- 0.37	29.859+- 1.277	25.659+- 1.496
176	860108	18.103+- 3.965	4.55+- 0.56	1.47+- 0.41	6.02+- 0.18	2.658+- .144	1.356+- 0.079
176	860114	28.489+- 4.009	7.63+- 0.71	3.21+- 0.49	10.84+- 0.33	3.434+- .157	2.380+- 0.139
176	860120	52.367+- 4.023	10.21+- 0.85	2.16+- 0.44	12.37+- 0.37	13.459+- .578	9.587+- 0.559
176	860126	53.848+- 4.040	16.87+- 1.18	4.73+- 0.57	21.60+- 0.65	20.289+- .868	12.984+- 0.757
176	860201	32.599+- 4.054	7.82+- 0.73	2.05+- 0.44	9.88+- 0.30	6.429+- .282	4.729+- 0.276
176	860207	17.779+- 4.026	5.72+- 0.62	2.21+- 0.44	7.93+- 0.24	1.893+- .096	1.339+- 0.078
176	860213	30.021+- 4.032	5.51+- 0.61	1.95+- 0.43	7.46+- 0.22	8.636+- .375	8.101+- 0.472
176	860219	14.410+- 4.000	4.45+- 0.56	1.42+- 0.40	5.87+- 0.18	1.328+- .075	1.043+- 0.061
176	860225	59.113+- 4.026	16.05+- 1.13	4.85+- 0.57	20.90+- 0.63	21.290+- .910	10.324+- 0.602
176	860303	37.741+- 4.016	10.19+- 0.84	3.00+- 0.48	13.20+- 0.40	11.891+- .512	5.042+- 0.294
176	860309	12.429+- 4.024	4.21+- 0.55	0.82+- 0.38	5.04+- 0.15	1.969+- .099	1.703+- 0.099
176	860315	10.259+- 3.985	3.89+- 0.53	0.52+- 0.36	4.41+- 0.13	2.177+- .107	1.043+- 0.061
176	860321	24.117+- 3.965	9.88+- 0.82	2.80+- 0.47	12.68+- 0.38	8.433+- .366	2.279+- 0.133
176	860327	100.439+- 4.170	18.56+- 1.26	3.92+- 0.53	22.49+- 0.67	25.524+- 1.090	11.938+- 0.696
176	860402	6.287+- 4.014	4.22+- 0.54	0.90+- 0.38	5.12+- 0.15	5.576+- .246	2.482+- 0.145
176	860408	6.178+- 3.999	4.97+- 0.58	1.57+- 0.41	6.54+- 0.20	2.248+- .110	1.641+- 0.096
176	860414	16.252+- 4.032	7.90+- 0.73	1.71+- 0.42	9.61+- 0.29	5.761+- .293	2.033+- 0.119
176	860420	12.018+- 3.946	7.29+- 0.69	1.27+- 0.38	8.57+- 0.26	4.844+- .261	0.905+- 0.053
176	860426	18.127+- 3.952	6.61+- 0.65	0.89+- 0.37	7.50+- 0.22	5.347+- .278	2.234+- 0.130
176	860502	18.992+- 3.921	7.73+- 0.71	2.55+- 0.45	10.28+- 0.31	4.745+- .256	1.283+- 0.075
176	860508	16.074+- 3.905	6.06+- 0.63	1.42+- 0.40	7.48+- 0.22	3.967+- .228	2.127+- 0.124
176	860514	19.689+- 3.926	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	3.711+- .221	2.266+- 0.132
176	860520	24.291+- 3.993	5.13+- 0.58	0.90+- 0.37	6.03+- 0.18	4.974+- .265	1.275+- 0.074
176	860526	19.368+- 3.929	4.45+- 0.55	0.51+- 0.35	4.96+- 0.15	4.000+- .232	0.779+- 0.045
176	860601	15.058+- 3.945	4.35+- 0.54	0.57+- 0.36	4.92+- 0.15	1.667+- .162	0.361+- 0.021
176	860607	13.524+- 3.941	4.83+- 0.56	0.86+- 0.37	5.69+- 0.17	2.827+- .194	1.049+- 0.061
176	860613	15.683+- 8.702	7.29+- 1.07	0.82+- 0.89	8.11+- 0.24	4.285+- .369	2.696+- 0.157
176	860619	14.790+- 3.919	7.80+- 0.71	1.57+- 0.40	9.37+- 0.28	3.861+- .226	1.437+- 0.084
176	860625	28.250+- 3.905	7.31+- 0.69	1.53+- 0.40	8.83+- 0.27	3.925+- .228	0.968+- 0.056

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
176	860701	13.044+- 3.949	4.60+- 0.55	1.46+- 0.40	6.06+- 0.18	3.485+- .214	1.986+- 0.116
176	860707	12.277+- 3.948	4.53+- 0.55	1.27+- 0.39	5.80+- 0.17	2.210+- .178	0.955+- 0.056
176	860713	8.417+- 3.923	5.41+- 0.60	1.11+- 0.38	6.52+- 0.20	1.777+- .165	0.242+- 0.014
176	860719	14.304+- 3.901	6.14+- 0.63	1.93+- 0.42	8.07+- 0.24	2.442+- .181	0.893+- 0.052
176	860725	9.858+- 3.895	3.76+- 0.51	1.17+- 0.38	4.93+- 0.15	1.277+- .154	0.433+- 0.025
176	860731	34.909+- 3.899	7.33+- 0.69	2.71+- 0.46	10.04+- 0.30	9.070+- .424	1.569+- 0.091
176	860806	12.709+- 3.899	4.28+- 0.54	1.30+- 0.39	5.58+- 0.17	2.291+- .178	0.646+- 0.038
176	860812	26.262+- 3.932	6.71+- 0.66	2.46+- 0.45	9.18+- 0.28	5.622+- .289	0.672+- 0.039
176	860818	17.944+- 3.930	7.89+- 0.72	3.18+- 0.48	11.07+- 0.33	3.244+- .205	0.622+- 0.036
176	860824	14.149+- 3.904	4.45+- 0.55	0.85+- 0.37	5.29+- 0.16	3.520+- .214	1.015+- 0.059
176	860830	14.831+- 3.908	4.61+- 0.55	1.39+- 0.39	6.01+- 0.18	4.485+- .247	1.232+- 0.072
176	860905	34.992+- 3.899	8.33+- 0.74	2.84+- 0.46	11.17+- 0.34	7.768+- .371	1.163+- 0.068
176	860911	19.264+- 3.908	5.92+- 0.62	1.41+- 0.39	7.33+- 0.22	3.898+- .226	1.035+- 0.060
176	860917	-9.900+-9.900	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.900+-9.900	-9.900+-9.900
176	860923	-9.900+-9.900	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.900+-9.900	-9.900+-9.900
176	860929	21.304+- 3.899	6.14+- 0.63	1.89+- 0.42	8.03+- 0.24	6.463+- .320	1.256+- 0.073
176	861005	14.297+- 3.876	6.02+- 0.62	1.47+- 0.40	7.49+- 0.22	2.895+- .193	1.390+- 0.081
176	861011	16.920+- 3.888	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	2.609+- .185	0.813+- 0.047
176	861017	15.591+- 3.909	5.63+- 0.61	1.85+- 0.42	7.48+- 0.22	4.374+- .243	1.334+- 0.078
176	861023	36.162+- 3.912	8.07+- 0.73	2.58+- 0.45	10.65+- 0.32	12.842+- .578	7.360+- 0.429
176	861029	80.589+- 3.985	14.59+- 1.05	4.72+- 0.56	19.31+- 0.58	26.965+- 1.169	17.255+- 1.006
176	861104	19.231+- 3.901	10.66+- 0.86	5.03+- 0.58	15.69+- 0.47	7.803+- .374	2.759+- 0.161
176	861110	6.644+- 3.871	6.58+- 0.65	3.51+- 0.50	10.09+- 0.30	4.655+- .253	1.164+- 0.068
176	861116	44.111+- 3.934	9.95+- 0.82	2.96+- 0.47	12.91+- 0.39	18.648+- .819	12.353+- 0.720
176	861122	41.640+- 3.904	10.71+- 0.86	4.25+- 0.54	14.96+- 0.45	12.638+- .568	6.978+- 0.407
176	861128	48.231+- 3.906	11.86+- 0.92	4.21+- 0.53	16.07+- 0.48	26.243+- 1.138	20.755+- 1.210
176	861204	91.823+- 4.001	17.07+- 1.18	8.92+- 0.77	25.99+- 0.78	37.650+- 1.620	33.769+- 1.969
176	861210	66.151+- 4.019	16.30+- 1.14	5.95+- 0.62	22.25+- 0.67	26.402+- 1.145	21.321+- 1.243
176	861216	36.159+- 3.900	11.64+- 0.91	5.06+- 0.58	16.70+- 0.50	9.965+- .459	7.091+- 0.413
176	861222	35.216+- 3.980	12.85+- 0.97	6.18+- 0.64	19.02+- 0.57	7.384+- .357	4.662+- 0.272
176	861228	61.377+- 4.038	15.82+- 1.12	3.69+- 0.51	19.51+- 0.59	28.833+- 1.248	23.781+- 1.386

FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
176	860102	< .213+- .806	1.190+- 0.239	9.075+- 0.516	11.621+- 0.468	< 0.091+- 0.117	< 0.025+- 0.049
176	860108	< .000+- .778	< 0.071+- 0.092	0.473+- 0.027	0.444+- 0.018	< 0.000+- 0.114	< 0.025+- 0.048
176	860114	< .053+- .282	0.143+- 0.063	2.617+- 0.149	1.325+- 0.053	0.212+- 0.080	0.056+- 0.019
176	860120	.659+- .148	0.366+- 0.095	8.790+- 0.499	6.543+- 0.264	< 0.026+- 0.115	< 0.012+- 0.048
176	860126	< .235+- .283	< 0.066+- 0.092	1.503+- 0.085	4.402+- 0.177	0.120+- 0.070	0.156+- 0.052
176	860201	1.078+- .157	0.479+- 0.114	2.558+- 0.145	2.053+- 0.083	0.379+- 0.103	0.061+- 0.020
176	860207	.321+- .144	0.101+- 0.058	0.925+- 0.053	0.346+- 0.014	< 0.094+- 0.116	< 0.036+- 0.049
176	860213	.339+- .145	0.222+- 0.074	1.217+- 0.069	2.970+- 0.120	< 0.056+- 0.115	< 0.024+- 0.049
176	860219	1.228+- .157	0.503+- 0.118	1.203+- 0.068	0.531+- 0.021	0.315+- 0.094	0.078+- 0.026
176	860225	.952+- .151	0.220+- 0.073	3.729+- 0.212	4.511+- 0.182	0.243+- 0.084	0.114+- 0.038
176	860303	.396+- .146	< 0.091+- 0.093	6.783+- 0.385	4.199+- 0.169	0.193+- 0.078	< 0.024+- 0.049
176	860309	1.234+- .157	0.681+- 0.148	1.132+- 0.064	0.426+- 0.017	0.782+- 0.166	0.195+- 0.066
176	860315	.636+- .147	0.274+- 0.081	0.797+- 0.045	0.396+- 0.016	0.671+- 0.148	< 0.047+- 0.048
176	860321	< .115+- .278	< 0.027+- 0.092	1.161+- 0.066	1.079+- 0.044	0.158+- 0.073	< 0.023+- 0.048
176	860327	< .238+- .284	0.232+- 0.075	17.409+- 0.989	10.412+- 0.420	0.497+- 0.121	0.167+- 0.056
176	860402	1.912+- .172	0.143+- 0.063	2.385+- 0.136	0.821+- 0.033	0.994+- 0.202	0.106+- 0.036
176	860408	< .251+- .287	< 0.003+- 0.093	1.878+- 0.107	0.731+- 0.029	0.693+- 0.152	< 0.035+- 0.048
176	860414	-9.900+- -9.900	< 0.061+- 0.093	2.890+- 0.164	1.176+- 0.047	0.521+- 0.124	0.059+- 0.020
176	860420		0.189+- 0.071	1.498+- 0.085	0.805+- 0.032	0.267+- 0.089	0.153+- 0.052
176	860426		< 0.053+- 0.097	5.420+- 0.308	1.943+- 0.078	0.828+- 0.176	0.069+- 0.023
176	860502		< 0.088+- 0.096	4.099+- 0.233	1.363+- 0.055	0.530+- 0.127	0.074+- 0.025
176	860508		< 0.073+- 0.096	1.916+- 0.109	0.928+- 0.037	0.543+- 0.129	0.051+- 0.017
176	860514		0.130+- 0.064	6.062+- 0.344	2.182+- 0.088	1.005+- 0.206	0.093+- 0.031
176	860520		< 0.000+- 0.097	8.927+- 0.507	2.688+- 0.108	0.977+- 0.201	0.105+- 0.035
176	860526		< 0.000+- 0.097	7.187+- 0.408	2.600+- 0.105	0.355+- 0.102	< 0.046+- 0.051
176	860601		< 0.000+- 0.097	5.178+- 0.294	2.157+- 0.087	0.220+- 0.084	< 0.011+- 0.051
176	860607		< 0.053+- 0.097	4.762+- 0.271	1.654+- 0.067	0.545+- 0.130	< 0.034+- 0.050
176	860613		< 0.007+- 0.210	9.163+- 0.521	3.211+- 0.129	0.454+- 0.178	< 0.110+- 0.110
176	860619		< 0.079+- 0.097	4.578+- 0.260	1.699+- 0.068	0.639+- 0.145	< 0.011+- 0.050
176	860625		< 0.000+- 0.097	12.807+- 0.728	5.050+- 0.204	0.354+- 0.101	< 0.011+- 0.050

FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
176	860701		0.124+- 0.063	4.505+- 0.256	1.493+- 0.060	0.805+- 0.172	0.080+- 0.027
176	860707		< 0.003+- 0.098	3.546+- 0.201	1.301+- 0.052	0.402+- 0.109	< 0.023+- 0.051
176	860713		< 0.069+- 0.097	4.596+- 0.261	1.795+- 0.072	0.155+- 0.076	< 0.023+- 0.051
176	860719		0.170+- 0.069	3.110+- 0.177	1.258+- 0.051	0.594+- 0.138	0.057+- 0.019
176	860725		< 0.084+- 0.097	4.541+- 0.258	1.462+- 0.059	0.300+- 0.094	< 0.050+- 0.050
176	860731		0.205+- 0.073	13.185+- 0.749	5.206+- 0.210	0.426+- 0.112	< 0.011+- 0.050
176	860806		< 0.013+- 0.097	6.502+- 0.369	2.139+- 0.086	0.644+- 0.146	< 0.040+- 0.050
176	860812		0.276+- 0.083	9.828+- 0.558	3.960+- 0.160	0.546+- 0.130	0.138+- 0.047
176	860818		< 0.033+- 0.097	3.473+- 0.197	1.274+- 0.051	0.210+- 0.082	< 0.011+- 0.051
176	860824		0.103+- 0.060	6.264+- 0.356	2.147+- 0.087	0.614+- 0.141	0.080+- 0.027
176	860830		< 0.068+- 0.097	5.922+- 0.337	1.996+- 0.080	0.705+- 0.155	0.057+- 0.019
176	860905		< 0.068+- 0.096	10.958+- 0.623	4.396+- 0.177	0.429+- 0.112	< 0.022+- 0.050
176	860911		< 0.078+- 0.096	4.875+- 0.277	1.663+- 0.067	0.515+- 0.125	0.069+- 0.023
176	860917		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
176	860923		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
176	860929		< 0.018+- 0.096	3.046+- 0.173	1.431+- 0.058	0.305+- 0.094	< 0.034+- 0.050
176	861005		< 0.004+- 0.096	2.587+- 0.147	1.339+- 0.054	0.451+- 0.115	< 0.050+- 0.050
176	861011		< 0.074+- 0.096	4.903+- 0.279	1.767+- 0.071	0.229+- 0.084	< 0.050+- 0.050
176	861017		< 0.069+- 0.096	5.284+- 0.300	2.169+- 0.087	< 0.113+- 0.119	< 0.050+- 0.050
176	861023		< 0.095+- 0.097	6.330+- 0.360	4.448+- 0.179	0.248+- 0.087	< 0.023+- 0.050
176	861029		0.205+- 0.073	12.429+- 0.706	10.203+- 0.411	0.281+- 0.091	< 0.023+- 0.050
176	861104		0.326+- 0.091	2.729+- 0.155	1.939+- 0.078	0.631+- 0.144	0.138+- 0.046
176	861110		< 0.043+- 0.096	0.673+- 0.038	0.487+- 0.020	< 0.033+- 0.119	< 0.050+- 0.050
176	861116		< 0.048+- 0.097	2.642+- 0.150	4.780+- 0.193	0.135+- 0.074	< 0.050+- 0.050
176	861122		0.137+- 0.063	2.963+- 0.168	3.047+- 0.123	0.263+- 0.087	0.054+- 0.018
176	861128		0.152+- 0.065	2.153+- 0.122	7.037+- 0.284	< 0.068+- 0.117	< 0.049+- 0.049
176	861204		0.704+- 0.154	3.531+- 0.201	10.350+- 0.417	0.404+- 0.108	0.122+- 0.041
176	861210		0.444+- 0.109	3.152+- 0.179	6.804+- 0.274	0.598+- 0.138	0.090+- 0.030
176	861216		0.144+- 0.064	3.610+- 0.205	2.900+- 0.117	0.329+- 0.097	0.070+- 0.024
176	861222		0.216+- 0.074	2.026+- 0.115	2.319+- 0.093	0.185+- 0.079	< 0.050+- 0.050
176	861228		0.140+- 0.065	2.816+- 0.160	8.210+- 0.331	0.158+- 0.076	< 0.050+- 0.050

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	AL	SI	P	S	CL	K
176	860102	0.1281+0.0223	0.1779+0.0271	0.0861+0.0189	3.5285+0.2915	0.5840+0.0570	0.1327+0.0162
176	860108	0.1019+0.0177	0.2182+0.0324	0.0252+0.0068	0.2506+0.0479	0.0612+0.0199	0.0698+0.0111
176	860114	0.1332+0.0223	0.2721+0.0401	0.0408+0.0100	1.0913+0.1067	0.0718+0.0234	0.1173+0.0149
176	860120	0.1319+0.0219	0.1729+0.0262	0.0777+0.0171	3.5104+0.2877	0.1261+0.0261	0.0765+0.0120
176	860126	0.1228+0.0220	0.2338+0.0349	0.0601+0.0137	0.8105+0.0950	0.0459+0.0248	0.1320+0.0163
176	860201	0.0735+0.0160	0.0973+0.0160	0.0406+0.0099	1.1215+0.1096	0.5048+0.0500	0.1029+0.0138
176	860207	0.0920+0.0179	0.2628+0.0389	0.0182+0.0062	0.3525+0.0581	0.2298+0.0312	0.0738+0.0123
176	860213	0.0294+0.0128	0.0672+0.0125	0.0379+0.0095	0.6503+0.0756	0.1849+0.0289	0.0676+0.0120
176	860219	0.0304+0.0127	0.0479+0.0104	0.0202+0.0067	0.5445+0.0694	0.3789+0.0411	0.0508+0.0112
176	860225	0.1595+0.0254	0.3473+0.0507	0.0745+0.0164	1.5166+0.1375	0.1069+0.0247	0.0996+0.0135
176	860303	0.1226+0.0210	0.1917+0.0289	0.0676+0.0150	2.8062+0.2341	0.0431+0.0232	0.0695+0.0118
176	860309	0.0545+0.0142	0.0541+0.0110	0.0169+0.0060	0.4876+0.0649	0.5362+0.0522	0.0822+0.0128
176	860315	0.0704+0.0154	0.0676+0.0125	0.0189+0.0063	0.3849+0.0587	0.2103+0.0298	0.0607+0.0115
176	860321	0.1306+0.0216	0.2702+0.0397	0.0305+0.0079	0.5949+0.0708	0.0466+0.0210	0.0957+0.0132
176	860327	0.2644+0.0388	0.4400+0.0641	0.1546+0.0329	6.9490+0.5599	0.0192+0.0273	0.1356+0.0163
176	860402	0.1192+0.0203	0.2334+0.0338	0.0000+0.0086	1.0417+0.0948	0.0707+0.0233	0.0960+0.0131
176	860408	0.0843+0.0169	0.1405+0.0213	0.0000+0.0076	0.7757+0.0788	0.0210+0.0214	0.0639+0.0114
176	860414	0.1278+0.0213	0.2717+0.0390	0.0000+0.0086	1.2286+0.1071	0.0692+0.0230	0.0683+0.0115
176	860420	0.2008+0.0301	0.4679+0.0660	0.0026+0.0058	0.6036+0.0723	0.0392+0.0239	0.1234+0.0151
176	860426	0.1589+0.0250	0.3411+0.0485	0.0065+0.0062	1.9043+0.1518	0.0403+0.0233	0.1046+0.0136
176	860502	0.3174+0.0437	0.6340+0.0887	0.0147+0.0074	1.5666+0.1279	0.0742+0.0221	0.1227+0.0140
176	860508	0.1187+0.0204	0.2388+0.0345	0.0000+0.0073	0.8208+0.0809	0.0245+0.0219	0.0815+0.0124
176	860514	0.1268+0.0205	0.2066+0.0299	0.0000+0.0122	2.2513+0.1730	0.0138+0.0202	0.0952+0.0124
176	860520	0.1774+0.0273	0.2994+0.0429	0.0000+0.0144	3.7388+0.2787	0.0000+0.0241	0.1545+0.0169
176	860526	0.1415+0.0222	0.1936+0.0281	0.0000+0.0121	2.8208+0.2120	0.0000+0.0194	0.1000+0.0126
176	860601	0.1172+0.0202	0.1999+0.0293	0.0221+0.0111	1.9907+0.1566	0.0158+0.0223	0.0670+0.0117
176	860607	0.1235+0.0205	0.2542+0.0365	0.0000+0.0104	1.6518+0.1334	0.0243+0.0215	0.0834+0.0122
176	860613	0.1679+0.0391	0.2730+0.0499	0.0183+0.0137	3.1877+0.4068	0.0285+0.0489	0.1238+0.0273
176	860619	0.1151+0.0196	0.2653+0.0380	0.0000+0.0107	1.9027+0.1499	0.0343+0.0216	0.1201+0.0141
176	860625	0.3460+0.0472	0.5093+0.0714	0.0297+0.0149	5.0249+0.3637	0.0000+0.0214	0.1446+0.0154



## FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	AL	SI	P	S	CL	K
176	860701	0.0954+0.0178	0.1297+0.0199	0.0000+0.0097	1.6830+0.1361	0.0152+0.0217	0.2749+0.0241
176	860707	0.1003+0.0183	0.1340+0.0205	0.0097+0.0062	1.3798+0.1162	0.0154+0.0218	0.1035+0.0135
176	860713	0.0927+0.0166	0.1196+0.0184	0.0000+0.0084	1.6287+0.1311	0.0055+0.0202	0.0639+0.0107
176	860719	0.1383+0.0217	0.2140+0.0309	0.0108+0.0055	1.4281+0.1179	0.0000+0.0196	0.0819+0.0116
176	860725	0.0907+0.0165	0.1175+0.0181	0.0000+0.0084	1.6686+0.1338	0.0043+0.0203	0.0682+0.0110
176	860731	0.1872+0.0274	0.2492+0.0357	0.0110+0.0064	4.7948+0.3493	0.0000+0.0212	0.1006+0.0126
176	860806	0.1851+0.0272	0.2084+0.0302	0.0056+0.0053	2.4327+0.1859	0.0000+0.0205	0.2156+0.0200
176	860812	0.1506+0.0236	0.2220+0.0322	0.0078+0.0063	3.5766+0.2666	0.0000+0.0225	0.1347+0.0152
176	860818	0.1698+0.0259	0.3349+0.0476	0.0000+0.0092	1.4246+0.1196	0.0000+0.0219	0.1046+0.0135
176	860824	0.1346+0.0214	0.1715+0.0252	0.0000+0.0097	2.4228+0.1856	0.0000+0.0211	0.1675+0.0170
176	860830	0.1145+0.0191	0.1248+0.0191	0.0000+0.0108	2.2138+0.1712	0.0000+0.0208	0.0971+0.0128
176	860905	0.2287+0.0327	0.3221+0.0457	0.0000+0.0206	4.4408+0.3250	0.0000+0.0225	0.2681+0.0234
176	860911	0.1263+0.0203	0.2093+0.0303	0.0158+0.0116	2.0400+0.1591	0.0222+0.0206	0.0853+0.0119
176	860917	6.7628+6.4884	6.5736+6.3256	0.0371+0.0450	1.2943+0.1095	0.6875+0.0577	1.3608+0.0988
176	860923	0.1200+0.0201	0.2352+0.0340	0.0000+0.0061	0.8196+0.0805	0.0660+0.0233	0.0844+0.0124
176	860929	0.1264+0.0204	0.1798+0.0263	0.0150+0.0102	1.2504+0.1069	0.0000+0.0197	0.0749+0.0112
176	861005	0.1340+0.0232	0.1961+0.0293	0.0000+0.0072	0.9924+0.0889	0.0270+0.0203	0.0712+0.0111
176	861011	0.1108+0.0185	0.1498+0.0222	0.0000+0.0091	1.6824+0.1341	0.0027+0.0194	0.0702+0.0108
176	861017	0.1579+0.0244	0.2811+0.0402	0.0000+0.0125	1.8934+0.1501	0.0379+0.0226	0.1431+0.0156
176	861023	0.1931+0.0282	0.3917+0.0552	0.0000+0.0141	2.2957+0.1769	0.0707+0.0224	0.1500+0.0156
176	861029	0.2732+0.0382	0.3540+0.0500	0.0000+0.0229	4.3769+0.3217	0.0416+0.0232	0.1571+0.0159
176	861104	0.1640+0.0251	0.3346+0.0474	0.0000+0.0125	1.2351+0.1073	0.0374+0.0219	0.1371+0.0151
176	861110	0.2096+0.0299	0.4385+0.0616	0.0000+0.0081	0.3712+0.0519	0.0149+0.0183	0.1274+0.0139
176	861116	0.1416+0.0221	0.2227+0.0321	0.0000+0.0107	1.3231+0.1114	0.0327+0.0205	0.1626+0.0165
176	861122	0.1475+0.0226	0.2622+0.0374	0.0000+0.0129	1.2462+0.1060	0.0405+0.0199	0.1527+0.0156
176	861128	0.1302+0.0207	0.2069+0.0299	0.0213+0.0108	1.0012+0.0900	0.0554+0.0206	0.1279+0.0141
176	861204	0.2141+0.0309	0.4218+0.0593	0.0000+0.0164	1.4836+0.1239	0.6926+0.0583	0.2180+0.0200
176	861210	0.1478+0.0241	0.2539+0.0367	0.0066+0.0065	1.2549+0.1121	0.2477+0.0334	0.1439+0.0163
176	861216	0.1229+0.0200	0.2048+0.0296	0.0000+0.0117	1.5067+0.1231	0.2244+0.0288	0.2574+0.0225
176	861222	0.1292+0.0213	0.2031+0.0296	0.0063+0.0057	0.9205+0.0875	0.1979+0.0289	0.1393+0.0155
176	861228	0.0919+0.0179	0.1597+0.0239	0.0182+0.0092	1.2865+0.1116	0.1502+0.0269	0.2082+0.0200

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	CA	TI	V	CR	MN	FE
176	860102	0.0770+0.0102	0.0248+0.0049	0.0066+0.0032	0.0033+0.0028	0.0147+0.0040	0.1244+0.0124
176	860108	0.1027+0.0112	0.0176+0.0039	0.0043+0.0026	0.0049+0.0025	0.0139+0.0033	0.1433+0.0134
176	860114	0.1782+0.0170	0.0176+0.0043	0.0106+0.0032	0.0009+0.0026	0.0202+0.0041	0.1908+0.0172
176	860120	0.0487+0.0079	0.0165+0.0040	0.0012+0.0026	0.0009+0.0025	0.0174+0.0037	0.0905+0.0097
176	860126	0.1052+0.0121	0.0264+0.0051	0.0094+0.0033	0.0051+0.0030	0.0349+0.0050	0.1750+0.0162
176	860201	0.0504+0.0081	0.0093+0.0038	0.0005+0.0027	0.0060+0.0027	0.0126+0.0037	0.0759+0.0088
176	860207	0.0906+0.0109	0.0113+0.0040	0.0028+0.0028	0.0024+0.0027	0.0124+0.0038	0.0983+0.0105
176	860213	0.0384+0.0077	0.0081+0.0039	0.0020+0.0030	0.0017+0.0027	0.0108+0.0038	0.0481+0.0073
176	860219	0.0397+0.0078	0.0079+0.0039	0.0070+0.0031	0.0006+0.0028	0.0121+0.0038	0.0533+0.0077
176	860225	0.1145+0.0123	0.0289+0.0048	0.0110+0.0032	0.0000+0.0025	0.0390+0.0049	0.2105+0.0186
176	860303	0.0498+0.0082	0.0097+0.0039	0.0034+0.0028	0.0030+0.0027	0.0209+0.0041	0.1120+0.0114
176	860309	0.0532+0.0085	0.0049+0.0038	0.0000+0.0028	0.0053+0.0028	0.0097+0.0037	0.0345+0.0066
176	860315	0.0469+0.0081	0.0057+0.0037	0.0006+0.0028	0.0051+0.0028	0.0059+0.0036	0.0486+0.0073
176	860321	0.0980+0.0111	0.0207+0.0043	0.0060+0.0030	0.0029+0.0026	0.0159+0.0037	0.1585+0.0146
176	860327	0.1069+0.0121	0.0372+0.0055	0.0113+0.0034	0.0065+0.0029	0.0273+0.0046	0.2183+0.0194
176	860402	0.0984+0.0109	0.0183+0.0043	0.0045+0.0030	0.0005+0.0028	0.0059+0.0036	0.1226+0.0115
176	860408	0.0467+0.0078	0.0134+0.0041	0.0037+0.0030	0.0000+0.0028	0.0090+0.0036	0.0952+0.0097
176	860414	0.0752+0.0094	0.0166+0.0042	0.0058+0.0030	0.0019+0.0028	0.0088+0.0036	0.0936+0.0096
176	860420	0.1503+0.0143	0.0188+0.0046	0.0054+0.0032	0.0003+0.0031	0.0135+0.0042	0.2348+0.0190
176	860426	0.1104+0.0116	0.0134+0.0042	0.0051+0.0031	0.0000+0.0029	0.0088+0.0037	0.1029+0.0103
176	860502	0.1628+0.0146	0.0311+0.0047	0.0108+0.0031	0.0008+0.0026	0.0136+0.0036	0.2249+0.0179
176	860508	0.0933+0.0105	0.0126+0.0040	0.0032+0.0030	0.0000+0.0029	0.0084+0.0037	0.1025+0.0101
176	860514	0.0740+0.0090	0.0084+0.0035	0.0043+0.0028	0.0000+0.0026	0.0073+0.0034	0.0642+0.0076
176	860520	0.1222+0.0126	0.0123+0.0042	0.0037+0.0031	0.0031+0.0031	0.0096+0.0039	0.0899+0.0096
176	860526	0.0551+0.0078	0.0050+0.0034	0.0000+0.0024	0.0000+0.0024	0.0080+0.0032	0.0769+0.0082
176	860601	0.0648+0.0089	0.0077+0.0039	0.0065+0.0031	0.0000+0.0028	0.0026+0.0037	0.0619+0.0078
176	860607	0.0712+0.0091	0.0140+0.0040	0.0045+0.0029	0.0029+0.0028	0.0043+0.0035	0.0807+0.0088
176	860613	0.1332+0.0230	0.0163+0.0087	0.0000+0.0064	0.0000+0.0061	0.0115+0.0082	0.0895+0.0172
176	860619	0.1306+0.0126	0.0157+0.0040	0.0015+0.0027	0.0014+0.0027	0.0145+0.0037	0.1439+0.0127
176	860625	0.1301+0.0124	0.0305+0.0046	0.0085+0.0029	0.0000+0.0024	0.0085+0.0034	0.2392+0.0189

FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	CA	TI	V	CR	MN	FE
176	860701	0.0734+0.0095	0.0125+0.0040	0.0098+0.0031	0.0020+0.0029	0.0035+0.0035	0.0505+0.0071
176	860707	0.0512+0.0082	0.0117+0.0040	0.0080+0.0031	0.0008+0.0029	0.0083+0.0037	0.0744+0.0085
176	860713	0.0518+0.0079	0.0113+0.0037	0.0043+0.0028	0.0000+0.0026	0.0000+0.0032	0.0607+0.0073
176	860719	0.0835+0.0098	0.0194+0.0041	0.0052+0.0027	0.0000+0.0024	0.0062+0.0034	0.0872+0.0090
176	860725	0.0374+0.0074	0.0080+0.0035	0.0046+0.0027	0.0020+0.0026	0.0033+0.0033	0.0642+0.0076
176	860731	0.0690+0.0088	0.0144+0.0037	0.0113+0.0029	0.0054+0.0026	0.0064+0.0032	0.1241+0.0113
176	860806	0.0548+0.0085	0.0140+0.0039	0.0090+0.0029	0.0000+0.0024	0.0084+0.0034	0.0890+0.0091
176	860812	0.0706+0.0094	0.0159+0.0040	0.0075+0.0029	0.0000+0.0026	0.0050+0.0035	0.0925+0.0095
176	860818	0.1297+0.0130	0.0229+0.0046	0.0073+0.0031	0.0012+0.0028	0.0092+0.0037	0.1692+0.0145
176	860824	0.0628+0.0089	0.0128+0.0039	0.0081+0.0029	0.0052+0.0027	0.0038+0.0033	0.0740+0.0083
176	860830	0.0644+0.0089	0.0061+0.0035	0.0044+0.0027	0.0000+0.0026	0.0041+0.0034	0.0566+0.0074
176	860905	0.0764+0.0097	0.0225+0.0042	0.0082+0.0029	0.0008+0.0026	0.0107+0.0035	0.1301+0.0117
176	860911	0.0721+0.0091	0.0172+0.0039	0.0056+0.0028	0.0000+0.0024	0.0084+0.0034	0.1036+0.0099
176	860917	2.0942+0.1491	0.4193+0.0309	0.0348+0.0064	0.0215+0.0033	0.0885+0.0075	3.6455+0.2560
176	860923	0.0891+0.0105	0.0141+0.0040	0.0038+0.0029	0.0011+0.0027	0.0071+0.0037	0.1229+0.0114
176	860929	0.0497+0.0078	0.0143+0.0037	0.0026+0.0026	0.0026+0.0024	0.0109+0.0034	0.0875+0.0090
176	861005	0.0688+0.0089	0.0088+0.0035	0.0077+0.0027	0.0006+0.0024	0.0056+0.0033	0.0948+0.0093
176	861011	0.0669+0.0086	0.0338+0.0047	0.0051+0.0027	0.0029+0.0024	0.0056+0.0032	0.0598+0.0073
176	861017	0.0849+0.0102	0.0177+0.0042	0.0062+0.0029	0.0050+0.0028	0.0107+0.0037	0.1553+0.0134
176	861023	0.1040+0.0109	0.0272+0.0044	0.0065+0.0028	0.0033+0.0024	0.0156+0.0036	0.1761+0.0146
176	861029	0.0903+0.0101	0.0298+0.0045	0.0164+0.0031	0.0040+0.0024	0.0243+0.0038	0.1924+0.0157
176	861104	0.1037+0.0112	0.0264+0.0044	0.0079+0.0029	0.0023+0.0026	0.0128+0.0035	0.1977+0.0162
176	861110	0.1612+0.0145	0.0201+0.0039	0.0042+0.0024	0.0047+0.0024	0.0158+0.0034	0.2222+0.0176
176	861116	0.0591+0.0084	0.0235+0.0041	0.0041+0.0026	0.0041+0.0024	0.0131+0.0034	0.1995+0.0163
176	861122	0.0991+0.0105	0.0154+0.0036	0.0038+0.0024	0.0018+0.0023	0.0168+0.0034	0.1709+0.0142
176	861128	0.0823+0.0096	0.0181+0.0039	0.0091+0.0028	0.0006+0.0024	0.0166+0.0034	0.1610+0.0136
176	861204	0.1484+0.0138	0.0361+0.0049	0.0079+0.0028	0.0061+0.0026	0.0335+0.0043	0.2785+0.0216
176	861210	0.0843+0.0106	0.0321+0.0052	0.0076+0.0033	0.0003+0.0029	0.0193+0.0043	0.2010+0.0168
176	861216	0.0887+0.0102	0.0256+0.0043	0.0035+0.0026	0.0026+0.0024	0.0183+0.0036	0.1534+0.0131
176	861222	0.1097+0.0117	0.0256+0.0045	0.0074+0.0030	0.0015+0.0026	0.0212+0.0040	0.1644+0.0141
176	861228	0.0704+0.0095	0.0137+0.0039	0.0058+0.0030	0.0022+0.0028	0.0126+0.0036	0.1407+0.0127

FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	NI	CU	ZN	GA	AS	SE
176	860102	0.0093+0.0027	0.0132+0.0032	0.0646+0.0062	0.0000+0.0020	0.0033+0.0107	0.0000+0.0028
176	860108	0.0020+0.0020	0.0513+0.0053	0.0942+0.0083	0.0017+0.0017	0.0042+0.0074	0.0000+0.0022
176	860114	0.0020+0.0023	0.0710+0.0068	0.0825+0.0076	0.0002+0.0020	0.0000+0.0115	0.0000+0.0026
176	860120	0.0026+0.0022	0.0406+0.0046	0.0353+0.0040	0.0000+0.0017	0.0082+0.0089	0.0000+0.0023
176	860126	0.0062+0.0027	0.0485+0.0054	0.0462+0.0049	0.0027+0.0025	0.0198+0.0191	0.0033+0.0030
176	860201	0.0028+0.0022	0.1819+0.0154	0.1630+0.0139	0.0008+0.0020	0.0030+0.0116	0.0000+0.0025
176	860207	0.0024+0.0024	0.1033+0.0093	0.1973+0.0164	0.0008+0.0020	0.0000+0.0092	0.0000+0.0027
176	860213	0.0009+0.0023	0.2262+0.0187	0.1562+0.0133	0.0013+0.0020	0.0014+0.0085	0.0000+0.0027
176	860219	0.0061+0.0025	0.0523+0.0055	0.0397+0.0044	0.0017+0.0020	0.0000+0.0087	0.0037+0.0028
176	860225	0.0115+0.0027	0.1037+0.0092	0.1243+0.0107	0.0026+0.0020	0.0000+0.0132	0.0000+0.0025
176	860303	0.0023+0.0023	0.0958+0.0087	0.1015+0.0091	0.0005+0.0019	0.0000+0.0098	0.0000+0.0026
176	860309	0.0064+0.0025	0.1231+0.0108	0.0737+0.0069	0.0013+0.0019	0.0000+0.0082	0.0011+0.0027
176	860315	0.0028+0.0023	0.0466+0.0052	0.0309+0.0037	0.0012+0.0019	0.0140+0.0073	0.0000+0.0026
176	860321	0.0043+0.0023	0.2929+0.0237	0.2496+0.0204	0.0000+0.0018	0.0000+0.0103	0.0000+0.0025
176	860327	0.0090+0.0027	0.1137+0.0101	0.1447+0.0125	0.0000+0.0020	0.0000+0.0134	0.0000+0.0027
176	860402	0.0036+0.0025	0.0494+0.0050	0.0371+0.0039	0.0000+0.0019	0.0000+0.0083	0.0000+0.0027
176	860408	0.0016+0.0023	0.1605+0.0124	0.1169+0.0094	0.0000+0.0019	0.0000+0.0093	0.0000+0.0025
176	860414	0.0052+0.0025	0.1033+0.0085	0.0859+0.0072	0.0000+0.0020	0.0006+0.0093	0.0039+0.0027
176	860420	0.0000+0.0026	0.0464+0.0049	0.0436+0.0044	0.0000+0.0022	0.0000+0.0109	0.0014+0.0029
176	860426	0.0042+0.0026	0.0115+0.0030	0.0185+0.0028	0.0000+0.0020	0.0000+0.0092	0.0028+0.0028
176	860502	0.0330+0.0039	0.0540+0.0051	0.0472+0.0045	0.0000+0.0018	0.0002+0.0107	0.0000+0.0023
176	860508	0.0036+0.0026	0.0154+0.0031	0.0208+0.0029	0.0000+0.0020	0.0000+0.0099	0.0021+0.0027
176	860514	0.0020+0.0021	0.1210+0.0095	0.0947+0.0078	0.0000+0.0017	0.0000+0.0079	0.0008+0.0023
176	860520	0.0028+0.0026	0.0176+0.0034	0.0103+0.0025	0.0000+0.0020	0.0000+0.0089	0.0016+0.0028
176	860526	0.0090+0.0025	0.2679+0.0198	0.1843+0.0140	0.0000+0.0018	0.0000+0.0080	0.0009+0.0023
176	860601	0.0057+0.0026	0.0220+0.0034	0.0224+0.0031	0.0000+0.0020	0.0000+0.0080	0.0028+0.0028
176	860607	0.0060+0.0025	0.0411+0.0045	0.0342+0.0038	0.0000+0.0018	0.0000+0.0086	0.0014+0.0026
176	860613	0.0034+0.0054	0.2675+0.0336	0.1556+0.0202	0.0000+0.0041	0.0000+0.0186	0.0058+0.0061
176	860619	0.0037+0.0024	0.0250+0.0034	0.0337+0.0036	0.0000+0.0018	0.0000+0.0084	0.0008+0.0024
176	860625	0.0155+0.0028	0.0645+0.0058	0.0637+0.0056	0.0011+0.0018	0.0000+0.0085	0.0035+0.0024

FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	NI	CU	ZN	GA	AS	SE
176	860701	0.0051+0.0025	0.0706+0.0063	0.0412+0.0042	0.0006+0.0020	0.0000+0.0083	0.0000+0.0026
176	860707	0.0092+0.0028	0.0524+0.0051	0.0446+0.0044	0.0000+0.0020	0.0000+0.0086	0.0015+0.0026
176	860713	0.0011+0.0021	0.0677+0.0060	0.0514+0.0048	0.0000+0.0015	0.0000+0.0076	0.0041+0.0025
176	860719	0.0059+0.0023	0.1621+0.0124	0.1305+0.0102	0.0006+0.0018	0.0000+0.0091	0.0002+0.0023
176	860725	0.0056+0.0023	0.0191+0.0032	0.0249+0.0031	0.0041+0.0018	0.0000+0.0074	0.0012+0.0024
176	860731	0.0191+0.0030	0.0574+0.0053	0.0872+0.0071	0.0000+0.0017	0.0000+0.0086	0.0039+0.0024
176	860806	0.0138+0.0028	0.0226+0.0034	0.0228+0.0029	0.0020+0.0017	0.0000+0.0073	0.0018+0.0024
176	860812	0.0072+0.0026	0.0249+0.0036	0.0682+0.0059	0.0000+0.0018	0.0000+0.0093	0.0031+0.0026
176	860818	0.0064+0.0026	0.0727+0.0064	0.0646+0.0057	0.0023+0.0020	0.0020+0.0098	0.0050+0.0028
176	860824	0.0096+0.0026	0.0242+0.0034	0.0163+0.0026	0.0000+0.0017	0.0000+0.0078	0.0036+0.0026
176	860830	0.0052+0.0024	0.0102+0.0028	0.0122+0.0024	0.0017+0.0017	0.0000+0.0078	0.0000+0.0024
176	860905	0.0088+0.0026	0.0286+0.0036	0.0375+0.0039	0.0003+0.0018	0.0000+0.0094	0.0030+0.0024
176	860911	0.0035+0.0021	0.0377+0.0041	0.0260+0.0032	0.0000+0.0017	0.0000+0.0087	0.0032+0.0024
176	860917	0.0101+0.0025	0.0520+0.0049	0.1068+0.0084	0.0056+0.0020	0.0009+0.0112	0.0024+0.0023
176	860923	0.0084+0.0026	0.0551+0.0053	0.0333+0.0037	0.0032+0.0018	0.0000+0.0081	0.0000+0.0026
176	860929	0.0050+0.0023	0.0657+0.0059	0.0380+0.0039	0.0000+0.0017	0.0000+0.0094	0.0000+0.0023
176	861005	0.0048+0.0023	0.0755+0.0065	0.0472+0.0045	0.0026+0.0018	0.0000+0.0080	0.0012+0.0024
176	861011	0.0064+0.0023	0.0271+0.0034	0.0218+0.0029	0.0026+0.0017	0.0000+0.0073	0.0000+0.0023
176	861017	0.0076+0.0026	0.0813+0.0070	0.0463+0.0046	0.0006+0.0018	0.0000+0.0091	0.0000+0.0026
176	861023	0.0042+0.0023	0.0920+0.0077	0.0580+0.0052	0.0015+0.0017	0.0000+0.0093	0.0029+0.0023
176	861029	0.0135+0.0027	0.0868+0.0073	0.0950+0.0078	0.0017+0.0020	0.0021+0.0143	0.0035+0.0023
176	861104	0.0076+0.0025	0.0885+0.0074	0.0475+0.0046	0.0006+0.0020	0.0023+0.0125	0.0008+0.0024
176	861110	0.0018+0.0020	0.0582+0.0053	0.0370+0.0038	0.0036+0.0017	0.0000+0.0092	0.0000+0.0021
176	861116	0.0037+0.0021	0.0950+0.0078	0.0669+0.0059	0.0041+0.0018	0.0000+0.0097	0.0032+0.0024
176	861122	0.0060+0.0021	0.1261+0.0098	0.1158+0.0092	0.0000+0.0018	0.0000+0.0119	0.0023+0.0023
176	861128	0.0054+0.0021	0.0870+0.0072	0.0488+0.0046	0.0005+0.0018	0.0000+0.0113	0.0027+0.0023
176	861204	0.0036+0.0021	0.1401+0.0109	0.1229+0.0096	0.0000+0.0020	0.0000+0.0150	0.0000+0.0023
176	861210	0.0048+0.0026	0.1336+0.0106	0.1059+0.0087	0.0009+0.0022	0.0000+0.0151	0.0005+0.0028
176	861216	0.0020+0.0021	0.1145+0.0091	0.0676+0.0058	0.0027+0.0018	0.0053+0.0101	0.0044+0.0023
176	861222	0.0063+0.0025	0.1142+0.0092	0.0797+0.0068	0.0011+0.0020	0.0000+0.0124	0.0005+0.0025
176	861228	0.0047+0.0025	0.0889+0.0076	0.0897+0.0075	0.0000+0.0020	0.0000+0.0107	0.0022+0.0026

FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	BR	RB	SR	Y	ZR	MO
176	860102	0.0447+0.0054	0.0014+0.0049	0.0000+0.0056	0.0017+0.0069	0.0205+0.0284	0.0000+0.0199
176	860108	0.0119+0.0032	0.0000+0.0039	0.0046+0.0046	0.0000+0.0056	0.0000+0.0232	0.0056+0.0162
176	860114	0.0238+0.0041	0.0014+0.0045	0.0006+0.0055	0.0055+0.0065	0.0000+0.0266	0.0201+0.0189
176	860120	0.0306+0.0043	0.0000+0.0042	0.0000+0.0050	0.0068+0.0061	0.0145+0.0250	0.0151+0.0176
176	860126	0.0651+0.0067	0.0076+0.0050	0.0000+0.0059	0.0023+0.0072	0.0000+0.0296	0.0017+0.0204
176	860201	0.0477+0.0054	0.0057+0.0044	0.0011+0.0052	0.0000+0.0063	0.0000+0.0258	0.0308+0.0185
176	860207	0.0248+0.0042	0.0000+0.0045	0.0017+0.0055	0.0000+0.0066	0.0033+0.0270	0.0000+0.0188
176	860213	0.0199+0.0041	0.0000+0.0045	0.0000+0.0055	0.0033+0.0067	0.0000+0.0274	0.0034+0.0193
176	860219	0.0135+0.0038	0.0076+0.0047	0.0023+0.0056	0.0000+0.0067	0.0000+0.0277	0.0000+0.0195
176	860225	0.0427+0.0050	0.0000+0.0043	0.0031+0.0053	0.0000+0.0064	0.0000+0.0258	0.0003+0.0182
176	860303	0.0226+0.0040	0.0031+0.0045	0.0017+0.0053	0.0023+0.0065	0.0081+0.0266	0.0173+0.0187
176	860309	0.0121+0.0037	0.0022+0.0045	0.0104+0.0057	0.0000+0.0066	0.0510+0.0278	0.0085+0.0191
176	860315	0.0092+0.0036	0.0000+0.0045	0.0017+0.0054	0.0078+0.0065	0.0000+0.0270	0.0121+0.0191
176	860321	0.0200+0.0037	0.0009+0.0042	0.0057+0.0051	0.0000+0.0062	0.0009+0.0251	0.0065+0.0177
176	860327	0.0437+0.0053	0.0014+0.0047	0.0000+0.0055	0.0028+0.0068	0.0125+0.0276	0.0041+0.0194
176	860402	0.0078+0.0036	0.0000+0.0045	0.0000+0.0055	0.0034+0.0067	0.0000+0.0275	0.0169+0.0193
176	860408	0.0161+0.0038	0.0000+0.0047	0.0039+0.0055	0.0000+0.0067	0.0000+0.0279	0.0182+0.0190
176	860414	0.0176+0.0039	0.0000+0.0046	0.0000+0.0053	0.0003+0.0066	0.0086+0.0270	0.0155+0.0187
176	860420	0.0197+0.0043	0.0000+0.0051	0.0000+0.0060	0.0000+0.0074	0.0000+0.0301	0.0260+0.0211
176	860426	0.0160+0.0039	0.0000+0.0048	0.0035+0.0057	0.0000+0.0069	0.0000+0.0283	0.0198+0.0197
176	860502	0.0258+0.0039	0.0000+0.0041	0.0034+0.0050	0.0000+0.0060	0.0000+0.0246	0.0252+0.0173
176	860508	0.0201+0.0041	0.0000+0.0047	0.0044+0.0056	0.0000+0.0068	0.0262+0.0280	0.0000+0.0196
176	860514	0.0105+0.0034	0.0000+0.0041	0.0008+0.0049	0.0000+0.0060	0.0047+0.0248	0.0139+0.0171
176	860520	0.0144+0.0041	0.0000+0.0050	0.0000+0.0059	0.0000+0.0071	0.0121+0.0297	0.0326+0.0209
176	860526	0.0142+0.0034	0.0000+0.0041	0.0000+0.0049	0.0000+0.0060	0.0000+0.0246	0.0116+0.0168
176	860601	0.0108+0.0037	0.0000+0.0048	0.0017+0.0057	0.0055+0.0069	0.0290+0.0283	0.0275+0.0197
176	860607	0.0117+0.0036	0.0000+0.0045	0.0015+0.0054	0.0011+0.0066	0.0167+0.0269	0.0345+0.0188
176	860613	0.0197+0.0084	0.0000+0.0105	0.0085+0.0126	0.0000+0.0153	0.0302+0.0625	0.0539+0.0441
176	860619	0.0147+0.0036	0.0000+0.0044	0.0000+0.0052	0.0000+0.0064	0.0000+0.0259	0.0192+0.0182
176	860625	0.0156+0.0034	0.0000+0.0041	0.0061+0.0050	0.0000+0.0059	0.0000+0.0244	0.0162+0.0170

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	BR	RB	SR	Y	ZR	MO
176	860701	0.0085+0.0036	0.0000+0.0046	0.0098+0.0056	0.0008+0.0066	0.0202+0.0274	0.0311+0.0191
176	860707	0.0137+0.0038	0.0000+0.0046	0.0068+0.0057	0.0000+0.0068	0.0334+0.0280	0.0241+0.0194
176	860713	0.0128+0.0036	0.0073+0.0043	0.0142+0.0052	0.0015+0.0061	0.0000+0.0268	0.0251+0.0178
176	860719	0.0173+0.0036	0.0093+0.0043	0.0064+0.0050	0.0082+0.0062	0.0000+0.0251	0.0000+0.0175
176	860725	0.0099+0.0035	0.0000+0.0041	0.0021+0.0052	0.0114+0.0062	0.0000+0.0254	0.0003+0.0175
176	860731	0.0180+0.0036	0.0011+0.0041	0.0088+0.0050	0.0000+0.0059	0.0396+0.0243	0.0142+0.0170
176	860806	0.0061+0.0034	0.0058+0.0043	0.0035+0.0052	0.0012+0.0062	0.0445+0.0253	0.0000+0.0179
176	860812	0.0170+0.0039	0.0002+0.0044	0.0058+0.0055	0.0086+0.0067	0.0000+0.0272	0.0000+0.0191
176	860818	0.0202+0.0041	0.0064+0.0046	0.0070+0.0057	0.0024+0.0069	0.0000+0.0285	0.0000+0.0196
176	860824	0.0137+0.0037	0.0000+0.0043	0.0056+0.0052	0.0009+0.0064	0.0000+0.0262	0.0000+0.0184
176	860830	0.0128+0.0037	0.0059+0.0043	0.0103+0.0053	0.0000+0.0064	0.0079+0.0256	0.0012+0.0180
176	860905	0.0210+0.0039	0.0056+0.0042	0.0051+0.0053	0.0000+0.0064	0.0000+0.0260	0.0100+0.0179
176	860911	0.0190+0.0036	0.0117+0.0041	0.0056+0.0050	0.0023+0.0061	0.0000+0.0245	0.0105+0.0170
176	860917	0.0292+0.0039	0.0115+0.0040	0.0286+0.0052	0.0111+0.0058	0.0000+0.0236	0.0167+0.0161
176	860923	0.0148+0.0039	0.0076+0.0046	0.0111+0.0057	0.0000+0.0067	0.0000+0.0275	0.0000+0.0193
176	860929	0.0255+0.0040	0.0021+0.0041	0.0117+0.0050	0.0000+0.0061	0.0000+0.0244	0.0000+0.0173
176	861005	0.0088+0.0033	0.0005+0.0041	0.0059+0.0050	0.0000+0.0060	0.0133+0.0245	0.0057+0.0172
176	861011	0.0182+0.0036	0.0020+0.0039	0.0064+0.0049	0.0074+0.0059	0.0292+0.0240	0.0071+0.0167
176	861017	0.0212+0.0039	0.0040+0.0044	0.0142+0.0055	0.0053+0.0066	0.0000+0.0268	0.0251+0.0188
176	861023	0.0293+0.0041	0.0085+0.0041	0.0050+0.0049	0.0026+0.0059	0.0319+0.0242	0.0118+0.0169
176	861029	0.0603+0.0057	0.0020+0.0041	0.0000+0.0047	0.0009+0.0059	0.0179+0.0234	0.0109+0.0164
176	861104	0.0430+0.0049	0.0026+0.0044	0.0061+0.0053	0.0027+0.0064	0.0244+0.0255	0.0226+0.0181
176	861110	0.0228+0.0036	0.0000+0.0038	0.0075+0.0047	0.0039+0.0056	0.0389+0.0227	0.0024+0.0157
176	861116	0.0308+0.0041	0.0020+0.0041	0.0002+0.0049	0.0000+0.0059	0.0000+0.0245	0.0000+0.0168
176	861122	0.0374+0.0043	0.0051+0.0039	0.0011+0.0045	0.0036+0.0056	0.0390+0.0228	0.0065+0.0159
176	861128	0.0340+0.0043	0.0029+0.0039	0.0005+0.0047	0.0048+0.0057	0.0311+0.0233	0.0094+0.0163
176	861204	0.0688+0.0061	0.0052+0.0041	0.0039+0.0049	0.0000+0.0059	0.0379+0.0237	0.0135+0.0165
176	861210	0.0624+0.0062	0.0043+0.0049	0.0105+0.0060	0.0039+0.0073	0.0222+0.0292	0.0296+0.0207
176	861216	0.0445+0.0048	0.0041+0.0039	0.0168+0.0051	0.0000+0.0057	0.0000+0.0525	0.0000+0.0163
176	861222	0.0426+0.0049	0.0005+0.0045	0.0043+0.0054	0.0059+0.0066	0.0000+0.0267	0.0256+0.0187
176	861228	0.0409+0.0049	0.0000+0.0045	0.0099+0.0056	0.0000+0.0067	0.0134+0.0271	0.0000+0.0193

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	PD	AG	CD	IN	SN	SB
176	860102	0.0000+0.0176	0.0000+0.0238	0.0235+0.0319	0.0121+0.0398	0.0403+0.0482	0.0000+0.1055
176	860108	0.0091+0.0147	0.0085+0.0196	0.0080+0.0258	0.0086+0.0324	0.0000+0.0388	0.0000+0.0854
176	860114	0.0182+0.0172	0.0145+0.0228	0.0399+0.0303	0.0364+0.0379	0.0642+0.0458	0.0645+0.1007
176	860120	0.0145+0.0160	0.0107+0.0212	0.0000+0.0277	0.0000+0.0347	0.0381+0.0425	0.0000+0.0927
176	860126	0.0073+0.0183	0.0076+0.0245	0.0000+0.0321	0.0070+0.0407	0.0353+0.0492	0.0053+0.1084
176	860201	0.0077+0.0164	0.0017+0.0217	0.0184+0.0290	0.0000+0.0359	0.0000+0.0434	0.0916+0.0982
176	860207	0.0000+0.0166	0.0000+0.0226	0.0000+0.0295	0.0491+0.0384	0.0622+0.0461	0.0099+0.1005
176	860213	0.0000+0.0169	0.0337+0.0237	0.0224+0.0309	0.0207+0.0387	0.0000+0.0460	0.0000+0.1024
176	860219	0.0150+0.0176	0.0000+0.0232	0.0444+0.0316	0.0324+0.0393	0.0237+0.0471	0.0000+0.1037
176	860225	0.0000+0.0158	0.0192+0.0221	0.0000+0.0284	0.0703+0.0373	0.0865+0.0447	0.0000+0.0959
176	860303	0.0193+0.0170	0.0079+0.0224	0.0044+0.0294	0.0277+0.0374	0.0751+0.0457	0.0743+0.1002
176	860309	0.0260+0.0176	0.0000+0.0226	0.0522+0.0312	0.0660+0.0393	0.0475+0.0464	0.1480+0.1045
176	860315	0.0095+0.0171	0.0189+0.0230	0.0000+0.0296	0.0466+0.0384	0.0447+0.0459	0.1093+0.1026
176	860321	0.0159+0.0161	0.0043+0.0213	0.0000+0.0276	0.0344+0.0357	0.0575+0.0431	0.0277+0.0944
176	860327	0.0019+0.0172	0.0000+0.0232	0.0014+0.0306	0.0232+0.0388	0.0221+0.0465	0.0337+0.1034
176	860402	0.0000+0.0170	0.0000+0.0238	0.0000+0.0313	0.0108+0.0389	0.0000+0.0463	0.0000+0.1034
176	860408	0.0165+0.0173	0.0000+0.0232	0.0000+0.0305	0.0000+0.0383	0.0000+0.0453	0.1773+0.1065
176	860414	0.0126+0.0171	0.0000+0.0229	0.0000+0.0305	0.0151+0.0382	0.0000+0.0452	0.0000+0.1009
176	860420	0.0000+0.0184	0.0000+0.0257	0.0000+0.0337	0.0000+0.0421	0.0000+0.0504	0.0000+0.1127
176	860426	0.0022+0.0177	0.0000+0.0242	0.0000+0.0314	0.0155+0.0398	0.0000+0.0486	0.0000+0.1064
176	860502	0.0000+0.0153	0.0000+0.0211	0.0000+0.0276	0.0000+0.0345	0.0136+0.0415	0.0000+0.0932
176	860508	0.0248+0.0180	0.0050+0.0242	0.0000+0.0310	0.0058+0.0392	0.0091+0.0470	0.0000+0.1057
176	860514	0.0128+0.0158	0.0000+0.0211	0.0000+0.0278	0.0299+0.0352	0.0000+0.0411	0.0483+0.0943
176	860520	0.0191+0.0188	0.0000+0.0247	0.0000+0.0334	0.0000+0.0413	0.0000+0.0497	0.0655+0.1133
176	860526	0.0067+0.0153	0.0156+0.0213	0.0000+0.0274	0.0161+0.0344	0.0151+0.0410	0.0000+0.0896
176	860601	0.0098+0.0177	0.0000+0.0243	0.0000+0.0318	0.0000+0.0393	0.0000+0.0472	0.0000+0.1060
176	860607	0.0192+0.0172	0.0000+0.0227	0.0479+0.0312	0.0398+0.0383	0.0319+0.0453	0.0229+0.1019
176	860613	0.0136+0.0394	0.0000+0.0532	0.0000+0.0709	0.0068+0.0878	0.0000+0.1037	0.0000+0.2346
176	860619	0.0175+0.0167	0.0000+0.0221	0.0000+0.0290	0.0145+0.0368	0.0211+0.0441	0.0000+0.0966
176	860625	0.0055+0.0153	0.0042+0.0213	0.0000+0.0278	0.0000+0.0340	0.0313+0.0416	0.0000+0.0902



## FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	PD	AG	CD	IN	SN	SB
176	860701	0.0186+0.0174	0.0000+0.0232	0.0092+0.0311	0.0000+0.0381	0.0000+0.0457	0.0000+0.1028
176	860707	0.0000+0.0171	0.0000+0.0237	0.0000+0.0309	0.0152+0.0392	0.0709+0.0476	0.0000+0.1052
176	860713	0.0000+0.0156	0.0116+0.0214	0.0018+0.0281	0.0619+0.0362	0.0159+0.0417	0.0000+0.0951
176	860719	0.0152+0.0161	0.0027+0.0208	0.0070+0.0278	0.0000+0.0345	0.0223+0.0416	0.1663+0.0945
176	860725	0.0000+0.0159	0.0295+0.0218	0.0020+0.0284	0.0436+0.0359	0.0483+0.0429	0.1175+0.0954
176	860731	0.0000+0.0154	0.0017+0.0204	0.0000+0.0271	0.0192+0.0342	0.0000+0.0406	0.1022+0.0915
176	860806	0.0000+0.0158	0.0043+0.0213	0.0000+0.0281	0.0173+0.0355	0.0354+0.0427	0.0000+0.0978
176	860812	0.0104+0.0174	0.0449+0.0235	0.0161+0.0306	0.0329+0.0381	0.0639+0.0460	0.0408+0.1003
176	860818	0.0006+0.0177	0.0000+0.0229	0.0000+0.0311	0.0431+0.0392	0.0639+0.0472	0.0000+0.1019
176	860824	0.0000+0.0164	0.0116+0.0217	0.0000+0.0283	0.0471+0.0367	0.0553+0.0439	0.1265+0.0973
176	860830	0.0164+0.0169	0.0067+0.0218	0.0000+0.0289	0.0132+0.0364	0.0116+0.0435	0.1010+0.0974
176	860905	0.0209+0.0170	0.0191+0.0220	0.0345+0.0294	0.0598+0.0369	0.0097+0.0431	0.1459+0.0975
176	860911	0.0000+0.0155	0.0071+0.0205	0.0000+0.0269	0.0409+0.0347	0.0233+0.0411	0.0102+0.0903
176	860917	0.0071+0.0149	0.0133+0.0196	0.0000+0.0258	0.0065+0.0323	0.0392+0.0391	0.1466+0.0880
176	860923	0.0009+0.0176	0.0053+0.0231	0.0047+0.0309	0.0085+0.0385	0.0003+0.0459	0.0589+0.1024
176	860929	0.0000+0.0155	0.0194+0.0208	0.0207+0.0278	0.0000+0.0339	0.0580+0.0417	0.1690+0.0936
176	861005	0.0008+0.0158	0.0078+0.0208	0.0000+0.0276	0.0174+0.0347	0.0226+0.0417	0.0202+0.0916
176	861011	0.0206+0.0159	0.0112+0.0203	0.0153+0.0273	0.0000+0.0331	0.0471+0.0408	0.0000+0.0884
176	861017	0.0000+0.0169	0.0000+0.0221	0.0000+0.0298	0.0444+0.0380	0.0000+0.0463	0.1773+0.1017
176	861023	0.0000+0.0152	0.0102+0.0205	0.0288+0.0277	0.0108+0.0340	0.0275+0.0409	0.0000+0.0924
176	861029	0.0000+0.0149	0.0000+0.0198	0.0141+0.0266	0.0312+0.0333	0.0664+0.0404	0.1401+0.0896
176	861104	0.0030+0.0166	0.0000+0.0214	0.0317+0.0295	0.0228+0.0363	0.0504+0.0438	0.1916+0.0988
176	861110	0.0000+0.0143	0.0219+0.0193	0.0069+0.0255	0.0293+0.0320	0.0662+0.0389	0.0351+0.0840
176	861116	0.0078+0.0157	0.0282+0.0209	0.0123+0.0274	0.0192+0.0341	0.0166+0.0407	0.1262+0.0917
176	861122	0.0035+0.0147	0.0033+0.0191	0.0135+0.0257	0.0360+0.0324	0.0410+0.0386	0.0885+0.0856
176	861128	0.0000+0.0148	0.0340+0.0203	0.0000+0.0261	0.0000+0.0323	0.0008+0.0391	0.1551+0.0893
176	861204	0.0070+0.0153	0.0000+0.0199	0.0000+0.0264	0.0379+0.0339	0.0631+0.0407	0.0330+0.0884
176	861210	0.0000+0.0188	0.0287+0.0252	0.0000+0.0330	0.0178+0.0414	0.0000+0.0510	0.0000+0.1121
176	861216	0.0000+0.0150	0.0050+0.0198	0.0000+0.0260	0.0371+0.0335	0.0549+0.0402	0.0875+0.0885
176	861222	0.0000+0.0170	0.0209+0.0227	0.0000+0.0298	0.0312+0.0376	0.0100+0.0446	0.1881+0.1018
176	861228	0.0118+0.0173	0.0000+0.0233	0.0000+0.0308	0.0000+0.0376	0.0337+0.0467	0.0000+0.1045

FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	BA	LA	HG	PB
176	860102	0.0928+0.1944	0.0133+0.3547	0.0024+0.0033	0.1250+0.0167
176	860108	0.2156+0.1606	0.0000+0.2986	0.0000+0.0025	0.0650+0.0119
176	860114	0.0604+0.1827	0.1243+0.3346	0.0011+0.0031	0.1494+0.0174
176	860120	0.1203+0.1718	0.1507+0.3137	0.0014+0.0028	0.0917+0.0137
176	860126	0.2332+0.2007	0.2833+0.3656	0.0020+0.0034	0.3003+0.0279
176	860201	0.0000+0.1761	0.0000+0.3218	0.0000+0.0028	0.1545+0.0175
176	860207	0.0824+0.1842	0.2569+0.3386	0.0000+0.0030	0.0926+0.0146
176	860213	0.0000+0.1868	0.0789+0.3438	0.0003+0.0031	0.0662+0.0136
176	860219	0.0000+0.1892	0.6292+0.3554	0.0009+0.0031	0.0740+0.0141
176	860225	0.1790+0.1779	0.0000+0.3205	0.0028+0.0031	0.1900+0.0196
176	860303	0.2210+0.1835	0.0000+0.3300	0.0000+0.0030	0.1134+0.0154
176	860309	0.0315+0.1862	0.0442+0.3408	0.0019+0.0031	0.0568+0.0132
176	860315	0.0000+0.1841	0.0000+0.3368	0.0003+0.0031	0.0126+0.0120
176	860321	0.0000+0.1714	0.2769+0.3175	0.0049+0.0031	0.1286+0.0157
176	860327	0.1707+0.1898	0.0000+0.3433	0.0055+0.0033	0.1896+0.0202
176	860402	0.0000+0.1896	0.1689+0.3384	0.0020+0.0033	0.0640+0.0134
176	860408	0.2306+0.1856	0.0000+0.3406	0.0017+0.0033	0.0979+0.0144
176	860414	0.0879+0.1818	0.0000+0.3377	0.0024+0.0033	0.0939+0.0142
176	860420	0.3071+0.2054	0.4665+0.3714	0.0028+0.0037	0.1242+0.0164
176	860426	0.1592+0.1912	0.3981+0.3482	0.0000+0.0032	0.0904+0.0144
176	860502	0.3121+0.1693	0.1305+0.3013	0.0017+0.0029	0.1398+0.0153
176	860508	0.0338+0.1876	0.1248+0.3409	0.0030+0.0033	0.1107+0.0151
176	860514	0.2035+0.1679	0.4891+0.3065	0.0000+0.0028	0.0709+0.0124
176	860520	0.1312+0.2002	0.0934+0.3618	0.0000+0.0034	0.0683+0.0142
176	860526	0.1103+0.1640	0.0000+0.2953	0.0000+0.0028	0.0777+0.0125
176	860601	0.1695+0.1905	0.0516+0.3431	0.0000+0.0032	0.0482+0.0130
176	860607	0.2373+0.1823	0.2593+0.3287	0.0012+0.0032	0.0814+0.0135
176	860613	0.0966+0.4202	1.2128+0.7831	0.0000+0.0071	0.1488+0.0333
176	860619	0.0197+0.1752	0.3412+0.3212	0.0000+0.0027	0.0783+0.0131
176	860625	0.1389+0.1659	0.0000+0.2981	0.0000+0.0027	0.0886+0.0130

FINE PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	BA	LA	HG	PB
176	860701	0.2410+0.1856	0.4841+0.3374	0.0000+0.0031	0.0694+0.0134
176	860707	0.0374+0.1868	0.0829+0.3389	0.0000+0.0032	0.0749+0.0137
176	860713	0.1633+0.1705	0.3688+0.3125	0.0018+0.0029	0.0582+0.0123
176	860719	0.1346+0.1715	0.0000+0.3120	0.0012+0.0030	0.1069+0.0141
176	860725	0.0000+0.1780	0.0000+0.3192	0.0041+0.0032	0.0518+0.0123
176	860731	0.0000+0.1718	0.4050+0.3041	0.0017+0.0029	0.0961+0.0134
176	860806	0.0000+0.1730	0.5503+0.3174	0.0026+0.0030	0.0462+0.0121
176	860812	0.0203+0.1859	0.0000+0.3317	0.0024+0.0032	0.0992+0.0146
176	860818	0.0881+0.1913	0.3617+0.3447	0.0043+0.0034	0.1103+0.0154
176	860824	0.0000+0.1818	0.2498+0.3198	0.0027+0.0032	0.0637+0.0128
176	860830	0.0858+0.1788	0.1913+0.3207	0.0000+0.0030	0.0610+0.0128
176	860905	0.1209+0.1780	0.5233+0.3228	0.0030+0.0032	0.1089+0.0145
176	860911	0.2835+0.1714	0.3968+0.3053	0.0000+0.0027	0.0976+0.0136
176	860917	0.0000+0.1654	0.4186+0.2887	0.0018+0.0029	0.1621+0.0163
176	860923	0.0432+0.1895	0.0000+0.3384	0.0000+0.0032	0.0543+0.0132
176	860929	0.0000+0.1679	0.3383+0.3046	0.0000+0.0027	0.1146+0.0143
176	861005	0.0477+0.1704	0.2115+0.3064	0.0050+0.0032	0.0773+0.0129
176	861011	0.1477+0.1667	0.4120+0.3004	0.0000+0.0027	0.0549+0.0118
176	861017	0.2366+0.1859	0.0906+0.3293	0.0000+0.0030	0.0971+0.0143
176	861023	0.2201+0.1688	0.5203+0.3043	0.0023+0.0029	0.1111+0.0141
176	861029	0.2944+0.1657	0.0264+0.2903	0.0012+0.0029	0.2251+0.0200
176	861104	0.1417+0.1785	0.4976+0.3230	0.0052+0.0032	0.1799+0.0180
176	861110	0.0000+0.1550	0.0000+0.2762	0.0000+0.0026	0.1173+0.0139
176	861116	0.3119+0.1705	0.2871+0.3011	0.0014+0.0029	0.1235+0.0147
176	861122	0.1712+0.1584	0.2223+0.2824	0.0000+0.0027	0.1783+0.0171
176	861128	0.2286+0.1633	0.2082+0.2898	0.0017+0.0029	0.1622+0.0163
176	861204	0.0000+0.1669	0.2876+0.2959	0.0000+0.0027	0.2388+0.0209
176	861210	0.3465+0.2067	0.3334+0.3663	0.0000+0.0034	0.2270+0.0218
176	861216	0.2224+0.1647	0.2916+0.2933	0.0033+0.0029	0.1331+0.0149
176	861222	0.1191+0.1842	0.2666+0.3305	0.0029+0.0032	0.1732+0.0181
176	861228	0.0515+0.1875	0.5600+0.3389	0.0000+0.0033	0.1354+0.0162

## Part Q

Fine Particle Concentrations Measured at  
San Nicolas Island during 1986

This section contains data on fine particle mass concentration and chemical composition measured during the year 1986 at San Nicolas Island. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following fine ( $d_p < 2.2 \mu\text{m AD}$ ) aerosol species: fine mass, organic carbon (OC), elemental carbon (EC), total carbon ( $\text{TC} = \text{OC} + \text{EC}$ ),  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ ,  $\text{Mg}^{++}$ , Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.990 \pm -9.990$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol  $<$  are determined to be below their detection limit. In that case, the nominal measured concentration is reported, but the error bound is set equal to the instrumental detection limit for that sample. Therefore, the reported error is greater than the measured concentration. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol  $<$  has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by  $\text{Cl}^-$ , while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  concentrations were obtained by two methods. In one method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a nylon filter downstream of a Teflon-coated cyclone ( $d_p < 2.2 \mu\text{m AD}$ ) and a MgO-coated diffusion denuder designed to quantitatively remove acid gases from the air stream. Nitrate ion and  $\text{Cl}^-$  samples collected by this method are labeled

with the symbol CD [i.e.  $\text{Cl}^-(\text{CD})$  and  $\text{NO}_3^-(\text{CD})$ ]. In the second method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a polytetrafluoroethylene (PTFE) filter located downstream of the Teflon-coated cyclone alone. Nitrate ion and  $\text{Cl}^-$  collected by this method are specified as  $\text{NO}_3^-$  and  $\text{Cl}^-$ , only. Samples for  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ , and  $\text{Mg}^{++}$  determination also were collected on the PTFE filter downstream of the cyclone separator. Water soluble fine  $\text{Br}^-$  aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
200	860102	20.141+- 3.884	5.76+- 0.62	< 0.00+- 0.41	< 5.76+- 0.17	.948+- .098	0.610+- 0.036
200	860108	6.991+- 3.879	2.99+- 0.48	0.51+- 0.36	3.51+- 0.11	2.049+- .127	-9.900+-9.900
200	860114	5.091+- 3.954	1.43+- 0.41	< 0.00+- 0.42	< 1.43+- 0.04	.761+- .059	< 0.148+- 0.148
200	860120	9.503+- 3.955	1.81+- 0.43	< 0.00+- 0.42	< 1.81+- 0.05	1.463+- .082	< 0.148+- 0.148
200	860126	14.249+- 4.550	5.24+- 0.65	< 0.43+- 0.48	< 5.66+- 0.17	6.737+- .297	1.075+- 0.063
200	860201	18.850+- 3.944	1.24+- 0.40	< 0.00+- 0.42	< 1.24+- 0.04	.922+- .064	0.626+- 0.036
200	860207	8.646+- 3.990	1.56+- 0.42	< 0.00+- 0.42	< 1.56+- 0.05	2.293+- .113	1.542+- 0.090
200	860213	< 4.244+- 4.821	1.28+- 0.40	< 0.27+- 0.42	< 1.55+- 0.05	.510+- .053	0.242+- 0.014
200	860219	14.670+- 3.909	0.75+- 0.37	< 0.00+- 0.41	< 0.75+- 0.02	.529+- .053	0.401+- 0.023
200	860225	17.942+- 3.948	2.56+- 0.46	< 0.00+- 0.42	< 2.56+- 0.08	1.667+- .089	1.273+- 0.074
200	860303	12.510+- 3.941	1.98+- 0.43	< 0.00+- 0.42	< 1.98+- 0.06	1.959+- .100	1.030+- 0.060
200	860309	< 0.000+- 4.801	0.92+- 0.38	< 0.14+- 0.42	< 1.06+- 0.03	< .000+- .091	< 0.147+- 0.147
200	860315	5.579+- 3.939	1.31+- 0.40	< 0.00+- 0.42	< 1.31+- 0.04	.411+- .051	0.291+- 0.017
200	860321	14.087+- 3.942	1.59+- 0.41	< 0.00+- 0.42	< 1.59+- 0.05	1.786+- .093	1.419+- 0.083
200	860327	9.298+- 3.940	2.90+- 0.48	< 0.00+- 0.42	< 2.90+- 0.09	1.638+- .088	0.803+- 0.047
200	860402	< 0.000+- 4.821	1.40+- 0.41	< 0.00+- 0.42	< 1.40+- 0.04	.932+- .064	1.104+- 0.064
200	860408	< 2.716+- 4.821	0.66+- 0.37	< 0.00+- 0.42	< 0.66+- 0.02	.597+- .055	0.464+- 0.027
200	860414	5.263+- 3.956	6.25+- 0.65	< 0.07+- 0.42	< 6.32+- 0.19	1.714+- .091	1.471+- 0.086
200	860420	6.791+- 3.956	3.35+- 0.50	< 0.00+- 0.42	< 3.35+- 0.10	1.041+- .153	0.844+- 0.049
200	860426	-9.900+-9.900	1.68+- 0.42	< 0.00+- 0.42	< 1.68+- 0.05	1.654+- .165	1.733+- 0.101
200	860502	< 1.528+- 4.821	0.72+- 0.37	< 0.00+- 0.42	< 0.72+- 0.02	.385+- .144	0.543+- 0.032
200	860508	9.337+- 3.957	1.09+- 0.39	< 0.00+- 0.42	< 1.09+- 0.03	1.004+- .152	1.323+- 0.077
200	860514	14.899+- 3.926	4.00+- 0.53	< 0.00+- 0.42	< 4.00+- 0.12	1.307+- .157	1.601+- 0.093
200	860520	9.507+- 3.957	< 0.55+- 0.60	< 0.00+- 0.42	< 0.55+- 0.73	.435+- .144	0.558+- 0.033
200	860526	< 4.584+- 4.821	2.29+- 0.45	< 0.25+- 0.42	< 2.54+- 0.08	.372+- .144	< 0.148+- 0.148
200	860601	< 3.056+- 4.821	2.20+- 0.45	< 0.00+- 0.42	< 2.20+- 0.07	< .229+- .280	0.266+- 0.016
200	860607	7.809+- 3.956	0.96+- 0.38	< 0.00+- 0.42	< 0.96+- 0.03	.422+- .144	0.799+- 0.047
200	860613	6.435+- 4.053	2.53+- 0.45	< 0.00+- 0.40	< 2.53+- 0.08	1.009+- .158	1.103+- 0.064
200	860619	11.449+- 4.044	0.93+- 0.37	< 0.00+- 0.41	< 0.93+- 0.03	1.398+- .147	1.654+- 0.096
200	860625	< 1.908+- 4.927	< 0.07+- 0.59	< 0.00+- 0.41	< 0.07+- 0.72	.476+- .131	0.446+- 0.026

FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
200	860701	< 0.000+- 4.947	0.75+- 0.36	< 0.03+- 0.41	< 0.79+- 0.02	< .199+- .253	0.333+- 0.019
200	860707	6.007+- 4.058	0.93+- 0.37	< 0.34+- 0.41	< 1.28+- 0.04	< .000+- .253	0.599+- 0.035
200	860713	< 2.690+- 4.929	0.85+- 0.37	< 0.00+- 0.41	< 0.85+- 0.03	< .054+- .256	0.415+- 0.024
200	860719	< 2.849+- 5.056	1.51+- 0.41	< 0.00+- 0.42	< 1.51+- 0.05	.655+- .138	0.852+- 0.050
200	860725	< 1.562+- 4.929	< 0.56+- 0.59	0.44+- 0.35	< 1.00+- 0.03	< .193+- .256	0.319+- 0.019
200	860731	12.669+- 4.046	0.98+- 0.38	< 0.05+- 0.41	< 1.03+- 0.03	1.335+- .147	0.608+- 0.035
200	860806	-9.900+- -9.900	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.900+- -9.900	-9.900+- -9.900
200	860812	< 1.555+- 4.908	0.75+- 0.36	< 0.00+- 0.41	< 0.75+- 0.02	.362+- .131	0.333+- 0.019
200	860818	-9.900+- -9.900	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	-9.900+- -9.900	-9.900+- -9.900
200	860824	9.333+- 4.028	2.01+- 0.43	< 0.13+- 0.41	< 2.14+- 0.06	.963+- .139	0.550+- 0.032
200	860830	-9.900+- -9.900	1.52+- 0.40	< 0.00+- 0.41	< 1.52+- 0.05	.790+- .136	0.585+- 0.034
200	860905	< 0.000+- 4.908	-9.99+- -9.99	-9.99+- -9.99	-9.99+- -9.99	.451+- .132	-9.900+- -9.900
200	860911	< 0.864+- 4.908	0.59+- 0.36	< 0.00+- 0.41	< 0.59+- 0.02	.340+- .131	0.288+- 0.017
200	860917	< 2.603+- 4.929	0.67+- 0.36	< 0.00+- 0.41	< 0.67+- 0.02	.404+- .132	0.203+- 0.012
200	860923	< 2.256+- 4.929	1.33+- 0.39	< 0.21+- 0.41	< 1.54+- 0.05	.445+- .132	0.400+- 0.023
200	860929	8.157+- 4.045	1.49+- 0.40	< 0.00+- 0.41	< 1.49+- 0.04	1.301+- .146	1.043+- 0.061
200	861005	< 3.646+- 4.931	2.18+- 0.44	0.48+- 0.35	2.66+- 0.08	.546+- .134	0.265+- 0.015
200	861011	< 0.087+- 4.929	1.30+- 0.39	< 0.25+- 0.41	< 1.54+- 0.05	.575+- .134	0.464+- 0.027
200	861017	6.077+- 4.046	0.94+- 0.37	< 0.13+- 0.41	< 1.07+- 0.03	.717+- .136	0.683+- 0.040
200	861023	26.953+- 4.087	1.21+- 0.39	< 0.30+- 0.41	< 1.51+- 0.05	.754+- .137	< 0.153+- 0.153
200	861029	< 2.603+- 4.929	0.87+- 0.37	< 0.25+- 0.41	< 1.12+- 0.03	1.053+- .141	0.790+- 0.046
200	861104	8.330+- 4.045	2.31+- 0.44	< 0.23+- 0.41	< 2.54+- 0.08	1.553+- .152	1.023+- 0.060
200	861110	< 3.284+- 4.908	2.40+- 0.45	0.46+- 0.35	2.86+- 0.09	1.784+- .157	0.530+- 0.031
200	861116	< 0.000+- 4.929	3.10+- 0.48	0.89+- 0.37	3.99+- 0.12	2.671+- .182	0.420+- 0.025
200	861122	< 1.728+- 4.908	1.31+- 0.39	< 0.23+- 0.41	< 1.54+- 0.05	1.298+- .146	1.208+- 0.070
200	861128	6.074+- 4.044	1.69+- 0.41	< 0.30+- 0.41	< 1.99+- 0.06	2.453+- .175	0.810+- 0.047
200	861204	< 2.266+- 4.950	1.40+- 0.40	< 0.28+- 0.41	< 1.68+- 0.05	.806+- .138	0.912+- 0.053
200	861210	6.942+- 4.044	1.93+- 0.42	< 0.28+- 0.41	< 2.22+- 0.07	2.090+- .165	0.827+- 0.048
200	861216	< 0.000+- 4.929	1.26+- 0.39	< 0.21+- 0.41	< 1.48+- 0.04	.634+- .135	0.643+- 0.037
200	861222	6.421+- 4.044	1.03+- 0.38	< 0.38+- 0.41	< 1.41+- 0.04	.783+- .137	0.352+- 0.020
200	861228	10.587+- 4.045	1.97+- 0.43	< 0.07+- 0.41	< 2.03+- 0.06	1.568+- .152	0.805+- 0.047

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
200	860102	< .000+-	.822 < 0.000+- 0.093	1.093+- 0.062	0.382+- 0.015	< 0.051+- 0.115	< 0.014+- 0.048
200	860108	< .000+-	.822 -9.900+-9.900	-9.900+-9.900	< 0.048+- 0.067	< 0.040+- 0.115	< 0.025+- 0.048
200	860114	1.059+-	.162 < 0.000+- 0.095	< 0.148+- 0.148	0.069+- 0.003	< 0.000+- 0.117	< 0.015+- 0.049
200	860120	1.023+-	.162 < 0.000+- 0.095	< 0.148+- 0.148	0.099+- 0.004	< 0.000+- 0.117	< 0.000+- 0.049
200	860126	< .007+-	.346 < 0.000+- 0.109	1.144+- 0.065	0.694+- 0.028	< 0.000+- 0.135	< 0.028+- 0.057
200	860201	4.002+-	.245 3.404+- 0.639	0.917+- 0.052	0.128+- 0.005	1.774+- 0.337	0.250+- 0.084
200	860207	.460+-	.156 0.163+- 0.067	0.913+- 0.052	0.429+- 0.017	0.197+- 0.080	< 0.037+- 0.050
200	860213	< .154+-	.301 < 0.000+- 0.095	0.257+- 0.015	0.104+- 0.004	< 0.000+- 0.117	< 0.024+- 0.049
200	860219	1.997+-	.181 1.870+- 0.361	0.494+- 0.028	0.108+- 0.004	0.884+- 0.184	0.109+- 0.037
200	860225	2.265+-	.189 2.100+- 0.403	1.712+- 0.097	0.582+- 0.023	1.391+- 0.270	0.208+- 0.070
200	860303	.469+-	.154 0.151+- 0.065	3.272+- 0.186	1.133+- 0.046	0.575+- 0.134	0.060+- 0.020
200	860309	< .000+-	.300 < 0.000+- 0.094	< 0.147+- 0.147	< 0.064+- 0.069	1.233+- 0.243	< 0.000+- 0.049
200	860315	1.178+-	.164 1.221+- 0.244	0.335+- 0.019	0.113+- 0.005	0.544+- 0.129	0.072+- 0.024
200	860321	.613+-	.155 0.412+- 0.104	1.173+- 0.067	0.453+- 0.018	0.605+- 0.138	0.096+- 0.032
200	860327	< .197+-	.300 0.107+- 0.060	4.071+- 0.231	1.296+- 0.052	0.371+- 0.102	< 0.048+- 0.049
200	860402	2.962+-	.210 2.883+- 0.545	1.163+- 0.066	0.218+- 0.009	1.507+- 0.290	0.275+- 0.093
200	860408	.331+-	.153 0.289+- 0.084	0.997+- 0.057	0.276+- 0.011	0.318+- 0.095	< 0.042+- 0.049
200	860414	.920+-	.160 0.872+- 0.182	1.190+- 0.068	0.365+- 0.015	0.845+- 0.178	0.120+- 0.040
200	860420		< 0.087+- 0.095	1.718+- 0.098	0.745+- 0.030	0.280+- 0.090	< 0.036+- 0.049
200	860426		3.266+- 0.614	1.945+- 0.111	0.466+- 0.019	2.334+- 0.434	0.243+- 0.082
200	860502		0.521+- 0.122	1.461+- 0.083	0.504+- 0.020	0.595+- 0.137	< 0.022+- 0.049
200	860508		3.365+- 0.632	1.718+- 0.098	0.378+- 0.015	2.121+- 0.397	0.232+- 0.078
200	860514		4.634+- 0.863	3.348+- 0.190	0.636+- 0.026	3.238+- 0.592	0.371+- 0.125
200	860520		0.704+- 0.153	1.876+- 0.107	0.622+- 0.025	0.639+- 0.144	0.068+- 0.023
200	860526		< 0.082+- 0.095	2.073+- 0.118	0.834+- 0.034	< 0.098+- 0.117	< 0.049+- 0.049
200	860601		0.141+- 0.064	1.164+- 0.066	0.545+- 0.022	0.249+- 0.086	< 0.022+- 0.049
200	860607		2.819+- 0.533	1.923+- 0.109	0.533+- 0.021	1.753+- 0.333	0.198+- 0.067
200	860613		0.756+- 0.163	3.152+- 0.179	0.890+- 0.036	0.969+- 0.200	0.099+- 0.033
200	860619		4.612+- 0.860	1.421+- 0.081	0.327+- 0.013	3.061+- 0.563	0.279+- 0.094
200	860625		< 0.045+- 0.100	3.194+- 0.181	1.203+- 0.048	0.318+- 0.098	< 0.005+- 0.052



FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	CL-(CD)	Cl-	SO4#	NH4+	NA+	MG++
200	860701		< 0.060+- 0.100	2.546+- 0.145	1.041+- 0.042	0.235+- 0.087	< 0.011+- 0.052
200	860707		0.961+- 0.200	1.499+- 0.085	0.567+- 0.023	0.758+- 0.165	0.071+- 0.024
200	860713		0.135+- 0.064	1.636+- 0.093	0.689+- 0.028	0.237+- 0.086	< 0.051+- 0.051
200	860719		1.500+- 0.296	2.240+- 0.127	0.686+- 0.028	1.411+- 0.275	0.107+- 0.036
200	860725		0.180+- 0.070	1.666+- 0.095	0.598+- 0.024	0.292+- 0.093	< 0.051+- 0.051
200	860731		1.143+- 0.231	5.729+- 0.326	1.433+- 0.058	1.612+- 0.309	0.151+- 0.051
200	860806		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
200	860812		< 0.079+- 0.097	1.488+- 0.085	0.711+- 0.029	0.300+- 0.094	< 0.050+- 0.050
200	860818		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
200	860824		0.205+- 0.073	4.424+- 0.251	1.125+- 0.045	0.680+- 0.151	0.058+- 0.019
200	860830		1.612+- 0.315	1.639+- 0.093	0.509+- 0.021	1.102+- 0.222	0.109+- 0.037
200	860905		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
200	860911		< 0.018+- 0.097	0.575+- 0.033	0.177+- 0.007	< 0.064+- 0.120	< 0.050+- 0.050
200	860917		0.864+- 0.182	0.638+- 0.036	0.182+- 0.007	0.465+- 0.118	< 0.034+- 0.051
200	860923		0.672+- 0.148	2.588+- 0.147	0.912+- 0.037	0.683+- 0.152	0.069+- 0.023
200	860929		1.290+- 0.257	0.907+- 0.052	0.380+- 0.015	1.100+- 0.221	0.116+- 0.039
200	861005		0.131+- 0.064	0.974+- 0.055	0.347+- 0.014	< 0.079+- 0.121	< 0.051+- 0.051
200	861011		0.269+- 0.082	1.977+- 0.112	0.637+- 0.026	0.419+- 0.111	< 0.017+- 0.051
200	861017		1.156+- 0.233	1.361+- 0.077	7.453+- 0.300	0.608+- 0.140	0.058+- 0.020
200	861023		< 0.014+- 0.098	3.094+- 0.176	1.110+- 0.045	0.151+- 0.076	< 0.051+- 0.051
200	861029		0.727+- 0.158	0.967+- 0.055	0.319+- 0.013	0.487+- 0.121	< 0.034+- 0.051
200	861104		0.464+- 0.113	2.441+- 0.139	0.881+- 0.036	0.656+- 0.148	0.087+- 0.029
200	861110		< 0.000+- 0.097	0.868+- 0.049	0.419+- 0.017	< 0.055+- 0.120	< 0.050+- 0.050
200	861116		< 0.038+- 0.097	1.717+- 0.098	0.843+- 0.034	< 0.060+- 0.121	< 0.051+- 0.051
200	861122		2.018+- 0.388	0.787+- 0.045	0.152+- 0.006	1.193+- 0.237	0.137+- 0.046
200	861128		0.126+- 0.063	1.350+- 0.077	0.540+- 0.022	0.307+- 0.095	< 0.028+- 0.051
200	861204		< 0.024+- 0.098	1.435+- 0.082	0.717+- 0.029	0.297+- 0.094	0.072+- 0.024
200	861210		0.198+- 0.072	1.021+- 0.058	0.510+- 0.021	0.325+- 0.097	0.123+- 0.041
200	861216		< 0.024+- 0.097	1.276+- 0.072	0.408+- 0.016	0.224+- 0.084	0.036+- 0.012
200	861222		0.162+- 0.068	0.749+- 0.043	0.296+- 0.012	0.276+- 0.091	< 0.051+- 0.051
200	861228		0.508+- 0.120	0.994+- 0.056	0.382+- 0.015	0.446+- 0.115	< 0.040+- 0.051

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	AL	SI	P	S	CL	K
200	860102	0.0137+0.0180	0.0344+0.0124	0.0202+0.0088	0.8014+0.1019	0.0378+0.0330	0.0404+0.0156
200	860108	0.1231+0.0200	0.2013+0.0299	0.0177+0.0057	0.2230+0.0453	0.1127+0.0220	0.0357+0.0090
200	860114	0.0569+0.0142	0.0958+0.0159	0.0174+0.0061	0.7566+0.0802	0.5217+0.0505	0.0587+0.0113
200	860120	0.0239+0.0124	0.0236+0.0083	0.0136+0.0058	0.4216+0.0615	1.0099+0.0869	0.0305+0.0102
200	860126	0.0742+0.0169	0.1412+0.0227	0.0154+0.0063	0.4442+0.0669	0.0050+0.0225	0.0429+0.0114
200	860201	0.0431+0.0128	0.0564+0.0110	0.0379+0.0093	0.6098+0.0698	3.1458+0.2504	0.0931+0.0130
200	860207	0.0200+0.0110	0.0597+0.0112	0.0166+0.0057	0.4039+0.0569	0.0550+0.0206	0.0488+0.0102
200	860213	0.0000+0.0107	0.0041+0.0069	0.0008+0.0046	0.1483+0.0459	0.0496+0.0213	0.0028+0.0088
200	860219	0.0186+0.0121	0.0130+0.0077	0.0158+0.0060	0.2494+0.0524	1.7549+0.1429	0.0474+0.0110
200	860225	0.1406+0.0227	0.0901+0.0151	0.0382+0.0094	0.8921+0.0893	1.8588+0.1515	0.0966+0.0133
200	860303	0.0450+0.0130	0.0448+0.0098	0.0279+0.0075	1.2819+0.1168	0.0699+0.0226	0.0506+0.0107
200	860309	0.0156+0.0109	0.0001+0.0065	0.0028+0.0045	0.0525+0.0408	0.0020+0.0189	0.0049+0.0084
200	860315	0.2967+0.0424	0.2497+0.0368	0.1071+0.0230	3.9572+0.3200	0.7684+0.0688	0.1752+0.0184
200	860321	0.0619+0.0147	0.1119+0.0180	0.0193+0.0064	0.5353+0.0667	0.4339+0.0442	0.0644+0.0117
200	860327	0.0792+0.0162	0.1307+0.0200	0.0000+0.0077	1.4842+0.1223	0.0402+0.0222	0.0327+0.0100
200	860402	0.0733+0.0154	0.1169+0.0181	0.0000+0.0088	0.5056+0.0608	2.6629+0.1946	0.0885+0.0125
200	860408	0.0299+0.0128	0.0470+0.0101	0.0000+0.0049	0.3619+0.0554	0.2944+0.0341	0.0199+0.0096
200	860414	0.0290+0.0126	0.0692+0.0125	0.0000+0.0071	0.6878+0.0727	0.8230+0.0676	0.0452+0.0107
200	860420	0.1250+0.0207	0.2970+0.0424	0.0000+0.0065	0.8608+0.0814	0.0435+0.0212	0.0674+0.0113
200	860426	0.1174+0.0198	0.2305+0.0333	0.0000+0.0119	0.9807+0.0891	3.0458+0.2213	0.1412+0.0155
200	860502	0.1077+0.0193	0.2506+0.0361	0.0000+0.0059	0.6363+0.0701	0.4809+0.0454	0.0536+0.0111
200	860508	0.0842+0.0163	0.1377+0.0208	0.0000+0.0103	0.9412+0.0860	3.0868+0.2242	0.1247+0.0143
200	860514	0.1201+0.0204	0.1186+0.0185	0.0000+0.0141	1.5725+0.1280	4.1976+0.3009	0.1394+0.0156
200	860520	0.0716+0.0148	0.1251+0.0191	0.0000+0.0074	0.8868+0.0818	0.6288+0.0539	0.0535+0.0102
200	860526	0.0769+0.0150	0.0972+0.0154	0.0000+0.0072	0.9445+0.0852	0.0055+0.0183	0.0368+0.0091
200	860601	0.0436+0.0129	0.0874+0.0144	0.0000+0.0055	0.5407+0.0624	0.1887+0.0272	0.0401+0.0099
200	860606	0.0495+0.0146	0.0802+0.0140	0.0000+0.0074	0.7891+0.0802	2.2414+0.1655	0.0728+0.0124
200	860613	0.1024+0.0178	0.1439+0.0216	0.0000+0.0095	1.3165+0.1112	0.5923+0.0521	0.0851+0.0119
200	860619	0.0955+0.0183	0.1294+0.0200	0.0000+0.0112	0.8728+0.0849	3.9053+0.2847	0.1345+0.0157
200	860625	0.0631+0.0148	0.1138+0.0179	0.0000+0.0072	1.2856+0.1104	0.0000+0.0208	0.0680+0.0115

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	AL	SI	P	S	CL	K
200	860701	0.0391+0.0129	0.0456+0.0097	0.0032+0.0049	1.1002+0.0981	0.0157+0.0209	0.0237+0.0094
200	860707	0.0417+0.0133	0.0511+0.0104	0.0000+0.0058	0.5902+0.0659	0.8599+0.0710	0.0345+0.0101
200	860713	0.0609+0.0145	0.0799+0.0136	0.0046+0.0050	0.6458+0.0712	0.2187+0.0297	0.0465+0.0104
200	860719	0.0482+0.0136	0.0590+0.0113	0.0000+0.0078	1.0023+0.0927	1.1507+0.0922	0.0685+0.0117
200	860725	0.0327+0.0114	0.0444+0.0093	0.0000+0.0060	0.7344+0.0731	0.1289+0.0241	0.0238+0.0089
200	860731	0.0917+0.0169	0.1089+0.0172	0.0000+0.0121	2.2388+0.1759	0.7640+0.0645	0.0939+0.0129
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.0526+0.0126	0.0675+0.0118	0.0000+0.0061	0.7223+0.0716	0.0414+0.0199	0.0333+0.0091
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.0680+0.0140	0.0925+0.0149	0.0000+0.0100	1.6598+0.1343	0.0714+0.0216	0.0683+0.0109
200	860830	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860905	0.0292+0.0112	0.0365+0.0086	0.0000+0.0060	0.5474+0.0622	0.1045+0.0232	0.0381+0.0096
200	860911	0.0261+0.0116	0.0195+0.0076	0.0000+0.0047	0.1966+0.0458	0.0000+0.0202	0.0075+0.0086
200	860917	0.0425+0.0129	0.0153+0.0075	0.0000+0.0049	0.3667+0.0546	0.7215+0.0617	0.0222+0.0095
200	860923	0.0550+0.0125	0.0507+0.0096	0.0000+0.0066	0.6533+0.0664	0.4750+0.0438	0.0429+0.0091
200	860929	0.0663+0.0138	0.0510+0.0099	0.0000+0.0077	0.5456+0.0608	1.1886+0.0932	0.0690+0.0108
200	861005	0.1013+0.0200	0.1463+0.0229	0.0000+0.0058	0.4868+0.0582	0.0249+0.0199	0.0481+0.0099
200	861011	0.0576+0.0133	0.0495+0.0098	0.0000+0.0054	0.7859+0.0767	0.1111+0.0234	0.0495+0.0101
200	861017	0.0476+0.0137	0.0729+0.0130	0.0000+0.0054	0.6862+0.0737	0.8702+0.0721	0.0776+0.0125
200	861023	0.0757+0.0150	0.1172+0.0182	0.0000+0.0070	1.0239+0.0926	0.0000+0.0195	0.0952+0.0127
200	861029	0.0332+0.0123	0.0344+0.0089	0.0000+0.0052	0.4611+0.0600	0.6656+0.0579	0.0500+0.0109
200	861104	0.0609+0.0140	0.0887+0.0146	0.0000+0.0068	0.9803+0.0903	0.0542+0.0221	0.1246+0.0146
200	861110	0.0960+0.0169	0.1937+0.0283	0.0000+0.0053	0.3528+0.0507	0.0093+0.0190	0.0923+0.0122
200	861116	0.0942+0.0164	0.1126+0.0173	0.0000+0.0061	0.8191+0.0772	0.0411+0.0192	0.0681+0.0107
200	861122	0.0765+0.0150	0.1034+0.0163	0.0000+0.0078	0.3700+0.0510	1.7100+0.1297	0.1596+0.0165
200	861128	0.1133+0.0185	0.2090+0.0303	0.0000+0.0068	0.4542+0.0549	0.0170+0.0185	0.0640+0.0104
200	861204	0.0776+0.0149	0.1518+0.0226	0.0000+0.0060	0.6480+0.0675	0.0172+0.0192	0.0445+0.0096
200	861210	0.0446+0.0120	0.0628+0.0112	0.0000+0.0058	0.5381+0.0609	0.0385+0.0198	0.0437+0.0096
200	861216	0.0351+0.0105	0.0335+0.0077	0.0000+0.0061	0.5566+0.0596	0.0112+0.0170	0.0320+0.0084
200	861222	0.1657+0.0249	0.0333+0.0082	0.0000+0.0047	0.3642+0.0514	0.1138+0.0233	0.0414+0.0097
200	861228	0.0607+0.0130	0.0614+0.0109	0.0000+0.0065	0.4850+0.0566	0.5090+0.0461	0.0460+0.0094

FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	CA	TI	V	CR	MN	FE
200	860102	0.4242+0.0373	0.0225+0.0065	0.0016+0.0046	0.0047+0.0042	0.0128+0.0056	0.0176+0.0086
200	860108	0.0671+0.0086	0.0145+0.0037	0.0011+0.0024	0.0006+0.0023	0.0100+0.0032	0.0700+0.0081
200	860114	0.0604+0.0088	0.0034+0.0037	0.0002+0.0028	0.0015+0.0026	0.0000+0.0034	0.0200+0.0058
200	860120	0.0410+0.0079	0.0009+0.0037	0.0012+0.0029	0.0000+0.0028	0.0000+0.0035	0.0048+0.0054
200	860126	0.0589+0.0096	0.0112+0.0043	0.0000+0.0030	0.0023+0.0028	0.0004+0.0037	0.0562+0.0084
200	860201	0.0787+0.0099	0.0052+0.0037	0.0046+0.0028	0.0000+0.0025	0.0048+0.0034	0.0031+0.0051
200	860207	0.0347+0.0070	0.0062+0.0036	0.0011+0.0026	0.0022+0.0025	0.0022+0.0033	0.0169+0.0054
200	860213	0.0031+0.0060	0.0018+0.0035	0.0000+0.0026	0.0018+0.0026	0.0000+0.0034	0.0086+0.0053
200	860219	0.0507+0.0085	0.0011+0.0038	0.0003+0.0029	0.0023+0.0027	0.0017+0.0037	0.0000+0.0053
200	860225	0.0997+0.0112	0.0037+0.0035	0.0054+0.0028	0.0008+0.0025	0.0035+0.0034	0.0165+0.0055
200	860303	0.0291+0.0070	0.0044+0.0037	0.0044+0.0029	0.0015+0.0026	0.0000+0.0034	0.0083+0.0052
200	860309	0.0002+0.0055	0.0000+0.0034	0.0044+0.0028	0.0029+0.0026	0.0023+0.0032	0.0000+0.0048
200	860315	0.0624+0.0088	0.0212+0.0042	0.0078+0.0030	0.0011+0.0025	0.0233+0.0039	0.1293+0.0123
200	860321	0.0512+0.0084	0.0037+0.0037	0.0029+0.0029	0.0000+0.0026	0.0046+0.0035	0.0195+0.0058
200	860327	0.0589+0.0085	0.0058+0.0038	0.0060+0.0031	0.0000+0.0028	0.0011+0.0035	0.0315+0.0063
200	860402	0.1697+0.0152	0.0009+0.0034	0.0005+0.0028	0.0000+0.0028	0.0029+0.0034	0.0171+0.0055
200	860408	0.0310+0.0073	0.0000+0.0037	0.0006+0.0029	0.0000+0.0028	0.0028+0.0037	0.0109+0.0056
200	860414	0.0657+0.0089	0.0029+0.0037	0.0023+0.0029	0.0000+0.0028	0.0052+0.0037	0.0122+0.0056
200	860420	0.0792+0.0095	0.0125+0.0039	0.0042+0.0029	0.0000+0.0028	0.0057+0.0036	0.0728+0.0082
200	860426	0.1412+0.0134	0.0066+0.0037	0.0000+0.0026	0.0029+0.0028	0.0035+0.0034	0.0429+0.0067
200	860502	0.0675+0.0091	0.0080+0.0040	0.0039+0.0031	0.0000+0.0029	0.0062+0.0037	0.0621+0.0079
200	860508	0.1242+0.0123	0.0000+0.0034	0.0054+0.0028	0.0000+0.0026	0.0014+0.0032	0.0512+0.0069
200	860514	0.1630+0.0148	0.0081+0.0038	0.0012+0.0029	0.0000+0.0029	0.0054+0.0037	0.0127+0.0055
200	860520	0.0430+0.0073	0.0031+0.0034	0.0018+0.0026	0.0000+0.0025	0.0015+0.0032	0.0225+0.0055
200	860526	0.0126+0.0056	0.0011+0.0031	0.0014+0.0025	0.0002+0.0025	0.0031+0.0031	0.0196+0.0052
200	860601	0.0259+0.0066	0.0055+0.0036	0.0003+0.0028	0.0000+0.0026	0.0000+0.0034	0.0170+0.0055
200	860606	0.1222+0.0125	0.0775+0.0079	0.0034+0.0035	0.0000+0.0031	0.0022+0.0039	0.0134+0.0060
200	860613	0.0651+0.0085	0.0069+0.0035	0.0038+0.0027	0.0000+0.0024	0.0011+0.0032	0.0330+0.0059
200	860619	0.1303+0.0131	0.0058+0.0039	0.0032+0.0032	0.0002+0.0030	0.0000+0.0038	0.0274+0.0063
200	860625	0.0340+0.0073	0.0038+0.0036	0.0000+0.0028	0.0000+0.0027	0.0002+0.0035	0.0279+0.0061

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	CA	TI	V	CR	MN	FE
200	860701	0.0202+0.0067	0.0000+0.0033	0.0035+0.0029	0.0003+0.0027	0.0011+0.0033	0.0063+0.0052
200	860707	0.0428+0.0079	0.0038+0.0036	0.0013+0.0028	0.0000+0.0027	0.0022+0.0035	0.0095+0.0056
200	860713	0.0351+0.0073	0.0072+0.0036	0.0063+0.0029	0.0038+0.0028	0.0039+0.0033	0.0501+0.0071
200	860719	0.0723+0.0095	0.0002+0.0036	0.0057+0.0029	0.0000+0.0027	0.0023+0.0034	0.0158+0.0057
200	860725	0.0240+0.0066	0.0043+0.0033	0.0039+0.0027	0.0000+0.0024	0.0028+0.0032	0.0090+0.0051
200	860731	0.0821+0.0100	0.0106+0.0038	0.0014+0.0027	0.0000+0.0025	0.0009+0.0033	0.0221+0.0058
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.0276+0.0067	0.0052+0.0033	0.0005+0.0024	0.0039+0.0025	0.0038+0.0031	0.0177+0.0053
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.0322+0.0069	0.0058+0.0033	0.0016+0.0025	0.0000+0.0024	0.0028+0.0031	0.0215+0.0054
200	860830	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860905	0.0188+0.0065	0.0028+0.0033	0.0031+0.0027	0.0000+0.0025	0.0000+0.0031	0.0049+0.0050
200	860911	0.0060+0.0063	0.0000+0.0035	0.0000+0.0025	0.0038+0.0027	0.0039+0.0035	0.0025+0.0052
200	860917	0.0393+0.0078	0.0079+0.0038	0.0030+0.0028	0.0000+0.0025	0.0000+0.0035	0.0006+0.0054
200	860923	0.0322+0.0067	0.0085+0.0033	0.0002+0.0022	0.0016+0.0022	0.0024+0.0030	0.0125+0.0048
200	860929	0.0629+0.0085	0.0039+0.0033	0.0032+0.0025	0.0000+0.0024	0.0000+0.0030	0.0161+0.0051
200	861005	0.0251+0.0067	0.0057+0.0035	0.0035+0.0025	0.0000+0.0024	0.0013+0.0032	0.0271+0.0057
200	861011	0.0350+0.0072	0.0027+0.0033	0.0014+0.0025	0.0003+0.0025	0.0000+0.0032	0.0169+0.0053
200	861017	0.0536+0.0088	0.0046+0.0038	0.0025+0.0028	0.0000+0.0028	0.0025+0.0036	0.0263+0.0063
200	861023	0.0257+0.0070	0.0037+0.0033	0.0019+0.0025	0.0019+0.0025	0.0048+0.0033	0.0408+0.0065
200	861029	0.0358+0.0078	0.0046+0.0038	0.0041+0.0028	0.0008+0.0027	0.0013+0.0036	0.0077+0.0055
200	861104	0.0422+0.0079	0.0058+0.0036	0.0068+0.0029	0.0024+0.0027	0.0079+0.0035	0.0241+0.0058
200	861110	0.0590+0.0084	0.0080+0.0035	0.0022+0.0025	0.0005+0.0024	0.0030+0.0031	0.0571+0.0072
200	861116	0.0175+0.0061	0.0084+0.0033	0.0028+0.0024	0.0013+0.0024	0.0066+0.0030	0.0292+0.0056
200	861122	0.0883+0.0103	0.0091+0.0035	0.0020+0.0025	0.0020+0.0025	0.0013+0.0031	0.0196+0.0053
200	861128	0.0570+0.0081	0.0069+0.0033	0.0030+0.0024	0.0016+0.0024	0.0027+0.0030	0.0632+0.0075
200	861204	0.0279+0.0066	0.0047+0.0033	0.0032+0.0025	0.0016+0.0024	0.0000+0.0030	0.0293+0.0057
200	861210	0.0306+0.0068	0.0054+0.0033	0.0020+0.0025	0.0002+0.0024	0.0041+0.0032	0.0210+0.0053
200	861216	0.0123+0.0056	0.0000+0.0028	0.0019+0.0022	0.0024+0.0022	0.0000+0.0027	0.0136+0.0046
200	861222	0.0139+0.0063	0.0009+0.0033	0.0008+0.0025	0.0005+0.0025	0.0000+0.0032	0.0082+0.0051
200	861228	0.0397+0.0071	0.0098+0.0033	0.0032+0.0024	0.0025+0.0024	0.0000+0.0030	0.0131+0.0048

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	NI	CU	ZN	GA	AS	SE
200	860102	0.0084+0.0040	0.0053+0.0042	0.0021+0.0035	0.0000+0.0026	0.0104+0.0109	0.0000+0.0040
200	860108	0.0003+0.0020	0.0461+0.0048	0.0408+0.0043	0.0014+0.0015	0.0053+0.0062	0.0002+0.0023
200	860114	0.0000+0.0022	0.0032+0.0028	0.0025+0.0022	0.0009+0.0019	0.0020+0.0069	0.0000+0.0026
200	860120	0.0018+0.0023	0.0011+0.0028	0.0057+0.0023	0.0000+0.0017	0.0068+0.0073	0.0000+0.0026
200	860126	0.0021+0.0025	0.0021+0.0030	0.0147+0.0030	0.0000+0.0020	0.0014+0.0080	0.0000+0.0028
200	860201	0.0000+0.0021	0.0000+0.0025	0.0000+0.0018	0.0000+0.0015	0.0048+0.0068	0.0000+0.0025
200	860207	0.0019+0.0022	0.0000+0.0023	0.0009+0.0020	0.0000+0.0016	0.0000+0.0065	0.0000+0.0025
200	860213	0.0046+0.0023	0.0000+0.0025	0.0000+0.0020	0.0000+0.0017	0.0022+0.0068	0.0005+0.0026
200	860219	0.0020+0.0024	0.0000+0.0027	0.0000+0.0021	0.0002+0.0018	0.0000+0.0073	0.0000+0.0026
200	860225	0.0057+0.0023	0.2256+0.0185	0.1828+0.0152	0.0000+0.0017	0.0000+0.0071	0.0000+0.0025
200	860303	0.0035+0.0023	0.0000+0.0025	0.0018+0.0022	0.0008+0.0017	0.0020+0.0069	0.0000+0.0025
200	860309	0.0000+0.0021	0.0000+0.0023	0.0000+0.0018	0.0000+0.0015	0.0000+0.0066	0.0000+0.0023
200	860315	0.0067+0.0023	0.1281+0.0110	0.1367+0.0116	0.0003+0.0018	0.0000+0.0115	0.0000+0.0023
200	860321	0.0051+0.0025	0.0000+0.0025	0.0002+0.0021	0.0000+0.0018	0.0000+0.0071	0.0000+0.0026
200	860327	0.0043+0.0025	0.0000+0.0025	0.0058+0.0022	0.0000+0.0018	0.0000+0.0074	0.0031+0.0028
200	860402	0.0008+0.0023	0.0000+0.0025	0.0018+0.0019	0.0014+0.0019	0.0000+0.0068	0.0000+0.0025
200	860408	0.0000+0.0025	0.0000+0.0026	0.0000+0.0020	0.0000+0.0018	0.0000+0.0072	0.0003+0.0028
200	860414	0.0002+0.0025	0.0000+0.0026	0.0017+0.0020	0.0000+0.0018	0.0000+0.0072	0.0028+0.0028
200	860420	0.0029+0.0023	0.0000+0.0025	0.0040+0.0020	0.0000+0.0017	0.0000+0.0071	0.0005+0.0025
200	860426	0.0026+0.0023	0.0028+0.0025	0.0032+0.0020	0.0000+0.0017	0.0000+0.0072	0.0008+0.0025
200	860502	0.0000+0.0025	0.0000+0.0026	0.0037+0.0022	0.0000+0.0018	0.0009+0.0072	0.0006+0.0028
200	860508	0.0006+0.0023	0.0000+0.0023	0.0000+0.0018	0.0000+0.0017	0.0014+0.0066	0.0005+0.0025
200	860514	0.0026+0.0024	0.0005+0.0026	0.0009+0.0020	0.0000+0.0018	0.0000+0.0072	0.0031+0.0028
200	860520	0.0000+0.0022	0.0000+0.0023	0.0008+0.0017	0.0000+0.0015	0.0000+0.0065	0.0005+0.0023
200	860526	0.0020+0.0022	0.0008+0.0023	0.0089+0.0021	0.0000+0.0015	0.0000+0.0062	0.0008+0.0023
200	860601	0.0002+0.0023	0.0174+0.0031	0.0459+0.0045	0.0000+0.0017	0.0000+0.0068	0.0022+0.0025
200	860606	0.0000+0.0026	0.0000+0.0028	0.0008+0.0022	0.0000+0.0020	0.0000+0.0077	0.0005+0.0029
200	860613	0.0019+0.0022	0.0933+0.0079	0.0750+0.0064	0.0000+0.0017	0.0000+0.0066	0.0024+0.0024
200	860619	0.0044+0.0027	0.0682+0.0062	0.0528+0.0050	0.0000+0.0019	0.0035+0.0074	0.0020+0.0028
200	860625	0.0000+0.0024	0.0000+0.0025	0.0030+0.0021	0.0000+0.0019	0.0008+0.0071	0.0000+0.0027

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	NI	CU	ZN	GA	AS	SE
200	860701	0.0035+0.0025	0.0000+0.0025	0.0009+0.0019	0.0000+0.0019	0.0000+0.0071	0.0000+0.0025
200	860707	0.0000+0.0022	0.0047+0.0029	0.0043+0.0021	0.0000+0.0017	0.0000+0.0071	0.0008+0.0025
200	860713	0.0104+0.0027	1.2055+0.0866	0.9047+0.0655	0.0000+0.0027	0.0000+0.0117	0.0025+0.0025
200	860719	0.0031+0.0024	0.0000+0.0026	0.0027+0.0019	0.0000+0.0018	0.0000+0.0070	0.0060+0.0028
200	860725	0.0035+0.0022	0.0002+0.0024	0.0005+0.0019	0.0005+0.0016	0.0000+0.0065	0.0000+0.0024
200	860731	0.0033+0.0024	0.0005+0.0025	0.0043+0.0021	0.0009+0.0017	0.0000+0.0069	0.0000+0.0025
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.0016+0.0020	0.0041+0.0024	0.0017+0.0019	0.0020+0.0016	0.0000+0.0063	0.0014+0.0024
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.0016+0.0020	0.0011+0.0022	0.0056+0.0019	0.0019+0.0016	0.0000+0.0064	0.0000+0.0024
200	860830	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860905	0.0024+0.0022	0.0006+0.0024	0.0025+0.0019	0.0000+0.0016	0.0000+0.0066	0.0024+0.0024
200	860911	0.0000+0.0022	0.0031+0.0025	0.0009+0.0019	0.0013+0.0017	0.0000+0.0069	0.0050+0.0027
200	860917	0.0000+0.0022	0.0008+0.0025	0.0009+0.0020	0.0019+0.0017	0.0020+0.0071	0.0025+0.0027
200	860923	0.0009+0.0019	0.0060+0.0024	0.0082+0.0021	0.0013+0.0014	0.0069+0.0058	0.0008+0.0022
200	860929	0.0022+0.0021	0.0039+0.0024	0.0006+0.0017	0.0020+0.0016	0.0000+0.0063	0.0000+0.0022
200	861005	0.0043+0.0022	0.0260+0.0036	0.0624+0.0055	0.0016+0.0017	0.0000+0.0068	0.0000+0.0022
200	861011	0.0003+0.0020	0.0011+0.0024	0.0016+0.0019	0.0009+0.0016	0.0017+0.0065	0.0022+0.0024
200	861017	0.0019+0.0025	0.0000+0.0025	0.0022+0.0021	0.0013+0.0019	0.0000+0.0076	0.0025+0.0027
200	861023	0.0000+0.0021	0.0038+0.0024	0.0049+0.0021	0.0022+0.0016	0.0000+0.0067	0.0014+0.0024
200	861029	0.0030+0.0025	0.0033+0.0027	0.0057+0.0022	0.0005+0.0017	0.0000+0.0072	0.0006+0.0027
200	861104	0.0017+0.0022	0.0020+0.0025	0.0247+0.0031	0.0000+0.0016	0.0000+0.0068	0.0030+0.0025
200	861110	0.0022+0.0022	0.0013+0.0024	0.0067+0.0021	0.0014+0.0016	0.0009+0.0064	0.0000+0.0024
200	861116	0.0055+0.0022	0.0052+0.0024	0.0117+0.0023	0.0041+0.0016	0.0000+0.0063	0.0006+0.0022
200	861122	0.0019+0.0022	0.0025+0.0024	0.0052+0.0019	0.0005+0.0016	0.0035+0.0063	0.0017+0.0024
200	861128	0.0006+0.0020	0.0244+0.0032	0.0277+0.0033	0.0030+0.0016	0.0107+0.0060	0.0000+0.0022
200	861204	0.0027+0.0022	0.0000+0.0022	0.0046+0.0019	0.0027+0.0016	0.0000+0.0063	0.0019+0.0024
200	861210	0.0028+0.0022	0.0011+0.0022	0.0203+0.0027	0.0027+0.0016	0.0000+0.0065	0.0013+0.0024
200	861216	0.0013+0.0019	0.0118+0.0024	0.0082+0.0019	0.0016+0.0014	0.0016+0.0057	0.0000+0.0020
200	861222	0.0000+0.0020	0.0074+0.0025	0.0085+0.0022	0.0049+0.0018	0.0043+0.0065	0.0000+0.0024
200	861228	0.0055+0.0022	0.0000+0.0020	0.0069+0.0019	0.0003+0.0014	0.0000+0.0060	0.0000+0.0022

FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	BR	RB	SR	Y	ZR	MO
200	860102	0.0026+0.0056	0.0040+0.0072	0.0134+0.0088	0.0000+0.0104	0.0095+0.0425	0.0000+0.0297
200	860108	0.0100+0.0031	0.0000+0.0038	0.0000+0.0047	0.0029+0.0056	0.0000+0.0228	0.0097+0.0162
200	860114	0.0042+0.0036	0.0000+0.0045	0.0015+0.0054	0.0020+0.0065	0.0000+0.0268	0.0000+0.0188
200	860120	0.0020+0.0035	0.0003+0.0046	0.0000+0.0055	0.0000+0.0068	0.0000+0.0277	0.0022+0.0196
200	860126	0.0126+0.0040	0.0000+0.0050	0.0000+0.0059	0.0000+0.0071	0.0213+0.0295	0.0000+0.0206
200	860201	0.0066+0.0034	0.0026+0.0043	0.0092+0.0052	0.0026+0.0063	0.0233+0.0260	0.0055+0.0181
200	860207	0.0033+0.0033	0.0044+0.0042	0.0079+0.0052	0.0048+0.0061	0.0000+0.0247	0.0176+0.0176
200	860213	0.0000+0.0034	0.0018+0.0043	0.0012+0.0054	0.0012+0.0065	0.0185+0.0265	0.0000+0.0185
200	860219	0.0000+0.0035	0.0000+0.0046	0.0029+0.0056	0.0027+0.0067	0.0166+0.0279	0.0296+0.0199
200	860225	0.0085+0.0034	0.0026+0.0043	0.0017+0.0052	0.0000+0.0062	0.0088+0.0257	0.0212+0.0182
200	860303	0.0014+0.0034	0.0021+0.0044	0.0003+0.0054	0.0069+0.0065	0.0018+0.0262	0.0000+0.0184
200	860309	0.0000+0.0032	0.0043+0.0041	0.0000+0.0051	0.0038+0.0061	0.0187+0.0253	0.0000+0.0175
200	860315	0.0540+0.0056	0.0060+0.0043	0.0040+0.0049	0.0000+0.0060	0.0000+0.0244	0.0071+0.0172
200	860321	0.0038+0.0035	0.0000+0.0044	0.0051+0.0055	0.0028+0.0066	0.0000+0.0270	0.0356+0.0194
200	860327	0.0049+0.0035	0.0000+0.0046	0.0000+0.0055	0.0000+0.0068	0.0006+0.0276	0.0164+0.0192
200	860402	0.0028+0.0034	0.0055+0.0045	0.0048+0.0054	0.0000+0.0065	0.0256+0.0265	0.0231+0.0185
200	860408	0.0008+0.0037	0.0000+0.0048	0.0069+0.0057	0.0000+0.0069	0.0298+0.0286	0.0060+0.0197
200	860414	0.0034+0.0037	0.0000+0.0048	0.0000+0.0057	0.0000+0.0068	0.0227+0.0284	0.0000+0.0196
200	860420	0.0117+0.0036	0.0014+0.0045	0.0037+0.0054	0.0000+0.0065	0.0000+0.0270	0.0205+0.0185
200	860426	0.0096+0.0036	0.0000+0.0045	0.0040+0.0054	0.0000+0.0065	0.0154+0.0264	0.0253+0.0185
200	860502	0.0003+0.0037	0.0000+0.0048	0.0000+0.0057	0.0000+0.0069	0.0000+0.0285	0.0378+0.0201
200	860508	0.0060+0.0034	0.0000+0.0043	0.0057+0.0052	0.0031+0.0063	0.0063+0.0259	0.0109+0.0179
200	860514	0.0052+0.0037	0.0000+0.0046	0.0067+0.0057	0.0000+0.0067	0.0000+0.0280	0.0000+0.0193
200	860520	0.0034+0.0032	0.0000+0.0042	0.0000+0.0049	0.0000+0.0060	0.0000+0.0248	0.0043+0.0173
200	860526	0.0006+0.0031	0.0000+0.0040	0.0032+0.0048	0.0000+0.0057	0.0000+0.0237	0.0281+0.0169
200	860601	0.0059+0.0034	0.0000+0.0045	0.0017+0.0052	0.0000+0.0063	0.0371+0.0264	0.0199+0.0184
200	860606	0.0052+0.0039	0.0000+0.0051	0.0002+0.0060	0.0000+0.0074	0.0000+0.0301	0.0199+0.0210
200	860613	0.0058+0.0033	0.0006+0.0041	0.0019+0.0049	0.0000+0.0058	0.0000+0.0246	0.0213+0.0172
200	860619	0.0083+0.0038	0.0000+0.0049	0.0106+0.0060	0.0000+0.0071	0.0000+0.0290	0.0183+0.0203
200	860625	0.0014+0.0035	0.0000+0.0046	0.0013+0.0055	0.0000+0.0066	0.0054+0.0276	0.0306+0.0193



## FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	BR	RB	SR	Y	ZR	MO
200	860701	0.0003+0.0035	0.0043+0.0046	0.0049+0.0054	0.0005+0.0066	0.0411+0.0270	0.0337+0.0187
200	860707	0.0040+0.0036	0.0017+0.0046	0.0000+0.0055	0.0000+0.0068	0.0000+0.0272	0.0090+0.0190
200	860713	0.0043+0.0035	0.0011+0.0044	0.0061+0.0054	0.0076+0.0066	0.0000+0.0263	0.0340+0.0187
200	860719	0.0089+0.0037	0.0042+0.0045	0.0047+0.0055	0.0000+0.0066	0.0357+0.0272	0.0286+0.0190
200	860725	0.0032+0.0033	0.0046+0.0041	0.0014+0.0050	0.0000+0.0061	0.0000+0.0254	0.0218+0.0175
200	860731	0.0017+0.0035	0.0033+0.0044	0.0084+0.0054	0.0014+0.0065	0.0000+0.0266	0.0298+0.0187
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.0006+0.0031	0.0069+0.0041	0.0003+0.0049	0.0000+0.0060	0.0358+0.0241	0.0141+0.0168
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.0080+0.0033	0.0005+0.0039	0.0000+0.0049	0.0035+0.0060	0.0384+0.0242	0.0228+0.0170
200	860830	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860905	0.0020+0.0033	0.0014+0.0042	0.0060+0.0052	0.0019+0.0063	0.0000+0.0254	0.0000+0.0179
200	860911	0.0000+0.0035	0.0044+0.0044	0.0107+0.0055	0.0000+0.0064	0.0441+0.0266	0.0149+0.0185
200	860917	0.0002+0.0036	0.0013+0.0046	0.0079+0.0057	0.0005+0.0068	0.0462+0.0277	0.0173+0.0193
200	860923	0.0093+0.0032	0.0049+0.0038	0.0035+0.0046	0.0041+0.0055	0.0183+0.0226	0.0296+0.0161
200	860929	0.0074+0.0033	0.0030+0.0039	0.0120+0.0049	0.0000+0.0058	0.0000+0.0244	0.0162+0.0167
200	861005	0.0027+0.0033	0.0000+0.0041	0.0005+0.0050	0.0039+0.0062	0.0195+0.0248	0.0000+0.0172
200	861011	0.0074+0.0033	0.0071+0.0041	0.0054+0.0050	0.0000+0.0061	0.0336+0.0248	0.0142+0.0173
200	861017	0.0074+0.0038	0.0000+0.0047	0.0101+0.0059	0.0000+0.0069	0.0000+0.0287	0.0285+0.0201
200	861023	0.0049+0.0033	0.0059+0.0041	0.0086+0.0051	0.0000+0.0062	0.0000+0.0253	0.0218+0.0177
200	861029	0.0020+0.0036	0.0013+0.0046	0.0131+0.0057	0.0000+0.0068	0.0263+0.0276	0.0288+0.0196
200	861104	0.0087+0.0037	0.0082+0.0044	0.0055+0.0054	0.0000+0.0065	0.0189+0.0262	0.0262+0.0185
200	861110	0.0049+0.0033	0.0044+0.0041	0.0078+0.0050	0.0031+0.0060	0.0000+0.0246	0.0177+0.0170
200	861116	0.0117+0.0032	0.0000+0.0038	0.0068+0.0047	0.0003+0.0057	0.0000+0.0230	0.0071+0.0159
200	861122	0.0060+0.0033	0.0000+0.0039	0.0061+0.0050	0.0000+0.0060	0.0378+0.0244	0.0130+0.0170
200	861128	0.0055+0.0032	0.0000+0.0038	0.0020+0.0047	0.0000+0.0057	0.0000+0.0233	0.0069+0.0162
200	861204	0.0013+0.0032	0.0028+0.0040	0.0041+0.0049	0.0000+0.0059	0.0000+0.0239	0.0082+0.0168
200	861210	0.0050+0.0033	0.0033+0.0039	0.0017+0.0049	0.0000+0.0058	0.0000+0.0241	0.0214+0.0169
200	861216	0.0000+0.0028	0.0017+0.0036	0.0005+0.0044	0.0000+0.0052	0.0000+0.0217	0.0000+0.0150
200	861222	0.0058+0.0033	0.0054+0.0041	0.0008+0.0050	0.0071+0.0062	0.0000+0.0251	0.0000+0.0173
200	861228	0.0061+0.0032	0.0000+0.0038	0.0038+0.0047	0.0000+0.0057	0.0000+0.0232	0.0222+0.0161

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	PD	AG	CD	IN	SN	SB
200	860102	0.0128+0.0269	0.0358+0.0364	0.0457+0.0478	0.0239+0.0596	0.0248+0.0713	0.1337+0.1603
200	860108	0.0000+0.0142	0.0094+0.0195	0.0042+0.0254	0.0000+0.0317	0.0030+0.0384	0.0861+0.0870
200	860114	0.0000+0.0168	0.0000+0.0224	0.0000+0.0298	0.0341+0.0381	0.0324+0.0455	0.0666+0.1015
200	860120	0.0120+0.0177	0.0154+0.0238	0.0003+0.0310	0.0000+0.0388	0.0487+0.0476	0.0563+0.1052
200	860126	0.0000+0.0183	0.0220+0.0252	0.0427+0.0335	0.0170+0.0413	0.0144+0.0495	0.0082+0.1100
200	860201	0.0000+0.0160	0.0101+0.0219	0.0000+0.0285	0.0176+0.0364	0.0058+0.0434	0.0000+0.0962
200	860207	0.0205+0.0161	0.0000+0.0208	0.0000+0.0272	0.0213+0.0350	0.0031+0.0418	0.0000+0.0924
200	860213	0.0000+0.0162	0.0000+0.0222	0.0486+0.0302	0.0043+0.0370	0.0353+0.0448	0.0604+0.0995
200	860219	0.0066+0.0175	0.0404+0.0243	0.0000+0.0306	0.0296+0.0393	0.0072+0.0469	0.0000+0.1034
200	860225	0.0000+0.0160	0.0000+0.0215	0.0000+0.0282	0.0416+0.0366	0.0055+0.0431	0.0460+0.0965
200	860303	0.0186+0.0169	0.0000+0.0218	0.0000+0.0290	0.0339+0.0372	0.0000+0.0442	0.0779+0.0995
200	860309	0.0029+0.0158	0.0005+0.0212	0.0485+0.0290	0.0528+0.0360	0.0000+0.0420	0.0480+0.0948
200	860315	0.0141+0.0157	0.0000+0.0206	0.0000+0.0270	0.0000+0.0337	0.0000+0.0426	0.0383+0.0919
200	860321	0.0362+0.0179	0.0000+0.0225	0.0399+0.0308	0.0028+0.0379	0.0000+0.0451	0.0000+0.1008
200	860327	0.0000+0.0169	0.0000+0.0232	0.0150+0.0316	0.0000+0.0387	0.0580+0.0472	0.0000+0.1047
200	860402	0.0187+0.0170	0.0146+0.0231	0.0000+0.0299	0.0000+0.0371	0.0612+0.0453	0.0000+0.0994
200	860408	0.0000+0.0187	0.0211+0.0248	0.0000+0.0318	0.0000+0.0398	0.0000+0.0476	0.0000+0.1070
200	860414	0.0139+0.0179	0.0000+0.0242	0.0000+0.0319	0.0000+0.0393	0.0000+0.0472	0.0540+0.1078
200	860420	0.0205+0.0170	0.0000+0.0227	0.0042+0.0302	0.0288+0.0378	0.0000+0.0444	0.0900+0.1020
200	860426	0.0051+0.0165	0.0000+0.0225	0.0000+0.0298	0.0000+0.0370	0.0364+0.0447	0.0000+0.0999
200	860502	0.0082+0.0180	0.0000+0.0244	0.0000+0.0314	0.0000+0.0399	0.0096+0.0481	0.0000+0.1077
200	860508	0.0020+0.0162	0.0137+0.0225	0.0000+0.0291	0.0148+0.0365	0.0142+0.0435	0.0097+0.0980
200	860514	0.0095+0.0176	0.0000+0.0238	0.0000+0.0315	0.0046+0.0393	0.0339+0.0474	0.0000+0.1053
200	860520	0.0086+0.0157	0.0000+0.0207	0.0000+0.0281	0.0000+0.0348	0.0000+0.0418	0.0253+0.0945
200	860526	0.0000+0.0148	0.0174+0.0210	0.0000+0.0270	0.0000+0.0334	0.0399+0.0406	0.0000+0.0893
200	860601	0.0222+0.0168	0.0000+0.0222	0.0017+0.0298	0.0000+0.0367	0.0493+0.0448	0.0000+0.0991
200	860606	0.0109+0.0190	0.0000+0.0256	0.0000+0.0336	0.0350+0.0429	0.0022+0.0507	0.0000+0.1131
200	860613	0.0046+0.0155	0.0000+0.0205	0.0000+0.0275	0.0000+0.0346	0.0107+0.0415	0.0000+0.0919
200	860619	0.0000+0.0181	0.0000+0.0250	0.0124+0.0332	0.0000+0.0408	0.0000+0.0482	0.0638+0.1112
200	860625	0.0146+0.0175	0.0187+0.0241	0.0000+0.0307	0.0080+0.0387	0.0000+0.0460	0.0000+0.1021

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	PD	AG	CD	IN	SN	SB
200	860701	0.0063+0.0169	0.0000+0.0229	0.0087+0.0305	0.0000+0.0375	0.0032+0.0456	0.0000+0.1025
200	860707	0.0283+0.0179	0.0274+0.0241	0.0096+0.0313	0.0000+0.0384	0.0707+0.0477	0.0775+0.1068
200	860713	0.0241+0.0172	0.0000+0.0225	0.0000+0.0296	0.0088+0.0374	0.0000+0.0451	0.0112+0.1023
200	860719	0.0089+0.0171	0.0063+0.0233	0.0000+0.0306	0.0322+0.0385	0.0000+0.0461	0.0000+0.1033
200	860725	0.0095+0.0161	0.0175+0.0211	0.0443+0.0288	0.0303+0.0353	0.0000+0.0416	0.0268+0.0925
200	860731	0.0131+0.0172	0.0137+0.0224	0.0000+0.0296	0.0287+0.0374	0.0000+0.0443	0.0816+0.0990
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.0000+0.0154	0.0126+0.0204	0.0000+0.0265	0.0432+0.0344	0.0548+0.0412	0.0000+0.0932
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.0341+0.0164	0.0047+0.0204	0.0000+0.0265	0.0534+0.0346	0.0486+0.0412	0.0844+0.0908
200	860830	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860905	0.0000+0.0162	0.0064+0.0212	0.0257+0.0287	0.0130+0.0355	0.0000+0.0427	0.0000+0.0967
200	860911	0.0000+0.0166	0.0000+0.0220	0.0000+0.0293	0.0005+0.0372	0.0651+0.0455	0.1753+0.1014
200	860917	0.0000+0.0172	0.0063+0.0232	0.0019+0.0311	0.0000+0.0385	0.0005+0.0462	0.0000+0.1010
200	860923	0.0000+0.0142	0.0000+0.0188	0.0000+0.0252	0.0000+0.0315	0.0257+0.0383	0.1069+0.0859
200	860929	0.0000+0.0151	0.0131+0.0203	0.0000+0.0265	0.0166+0.0337	0.0257+0.0405	0.1561+0.0918
200	861005	0.0000+0.0156	0.0317+0.0215	0.0000+0.0279	0.0167+0.0350	0.0415+0.0423	0.1681+0.0953
200	861011	0.0000+0.0156	0.0000+0.0208	0.0106+0.0281	0.0104+0.0348	0.0581+0.0425	0.0000+0.0952
200	861017	0.0143+0.0186	0.0197+0.0243	0.0000+0.0320	0.0465+0.0406	0.0899+0.0491	0.2212+0.1097
200	861023	0.0022+0.0161	0.0003+0.0210	0.0321+0.0288	0.0133+0.0353	0.0000+0.0420	0.1400+0.0955
200	861029	0.0095+0.0180	0.0000+0.0232	0.0000+0.0309	0.0541+0.0396	0.0758+0.0476	0.1245+0.1045
200	861104	0.0003+0.0169	0.0205+0.0224	0.0189+0.0298	0.0537+0.0376	0.0367+0.0445	0.0000+0.1009
200	861110	0.0149+0.0159	0.0091+0.0206	0.0000+0.0273	0.0331+0.0346	0.0281+0.0411	0.0854+0.0914
200	861116	0.0061+0.0148	0.0013+0.0192	0.0000+0.0257	0.0243+0.0325	0.0487+0.0392	0.0763+0.0863
200	861122	0.0093+0.0159	0.0000+0.0204	0.0000+0.0273	0.0386+0.0346	0.0483+0.0415	0.0421+0.0906
200	861128	0.0095+0.0151	0.0000+0.0192	0.0028+0.0262	0.0295+0.0330	0.0030+0.0389	0.1324+0.0887
200	861204	0.0000+0.0154	0.0040+0.0203	0.0000+0.0269	0.0494+0.0346	0.0149+0.0405	0.0557+0.0901
200	861210	0.0260+0.0161	0.0298+0.0209	0.0000+0.0268	0.0162+0.0339	0.0402+0.0409	0.1023+0.0908
200	861216	0.0208+0.0144	0.0000+0.0178	0.0507+0.0255	0.0389+0.0309	0.0228+0.0364	0.1552+0.0833
200	861222	0.0000+0.0159	0.0140+0.0213	0.0318+0.0287	0.0095+0.0351	0.0719+0.0719	0.1303+0.0949
200	861228	0.0000+0.0143	0.0061+0.0192	0.0011+0.0257	0.0035+0.0320	0.0552+0.0392	0.0225+0.0849

FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	BA	LA	HG	PB
200	860102	0.0961+0.2894	0.9114+0.5284	0.0000+0.0047	0.0000+0.0186
200	860108	0.1272+0.1575	0.0758+0.2865	0.0026+0.0027	0.0175+0.0103
200	860114	0.0000+0.1831	0.4179+0.3407	0.0000+0.0029	0.0051+0.0119
200	860120	0.0196+0.1909	0.0000+0.3486	0.0000+0.0031	0.0000+0.0123
200	860126	0.1456+0.2022	0.0000+0.3667	0.0004+0.0034	0.0248+0.0134
200	860201	0.1272+0.1776	0.4115+0.3276	0.0035+0.0031	0.0000+0.0113
200	860207	0.1869+0.1719	0.1362+0.3120	0.0000+0.0028	0.0140+0.0111
200	860213	0.0261+0.1802	0.1952+0.3316	0.0008+0.0029	0.0000+0.0116
200	860219	0.2157+0.1924	0.0000+0.3475	0.0008+0.0032	0.0073+0.0123
200	860225	0.3457+0.1797	0.0000+0.3201	0.0000+0.0028	0.0322+0.0119
200	860303	0.0451+0.1798	0.3244+0.3320	0.0028+0.0031	0.0057+0.0117
200	860309	0.0000+0.1698	0.0000+0.3117	0.0026+0.0029	0.0115+0.0112
200	860315	0.0920+0.1677	0.2360+0.3081	0.0032+0.0029	0.1597+0.0174
200	860321	0.2836+0.1882	0.3373+0.3418	0.0003+0.0031	0.0163+0.0122
200	860327	0.2154+0.1879	0.4505+0.3416	0.0000+0.0032	0.0232+0.0123
200	860402	0.0657+0.1782	0.0000+0.3288	0.0011+0.0031	0.0080+0.0116
200	860408	0.0556+0.1913	0.3638+0.3499	0.0000+0.0034	0.0088+0.0123
200	860414	0.2238+0.1918	0.5414+0.3500	0.0000+0.0032	0.0065+0.0123
200	860420	0.2977+0.1817	0.3982+0.3277	0.0000+0.0031	0.0281+0.0119
200	860426	0.0000+0.1767	0.4984+0.3269	0.0000+0.0031	0.0350+0.0120
200	860502	0.0254+0.1918	0.3205+0.3507	0.0003+0.0034	0.0018+0.0123
200	860508	0.3322+0.1776	0.0874+0.3153	0.0040+0.0032	0.0000+0.0113
200	860514	0.0235+0.1879	0.5454+0.3466	0.0000+0.0032	0.0070+0.0122
200	860520	0.1743+0.1687	0.4552+0.3082	0.0037+0.0031	0.0134+0.0110
200	860526	0.2619+0.1634	0.1820+0.2924	0.0017+0.0029	0.0131+0.0105
200	860601	0.1028+0.1770	0.3809+0.3236	0.0026+0.0032	0.0068+0.0114
200	860606	0.0000+0.2016	0.4583+0.3722	0.0000+0.0035	0.0042+0.0131
200	860613	0.1827+0.1675	0.2062+0.3021	0.0014+0.0030	0.0270+0.0111
200	860619	0.1016+0.1963	0.3127+0.3574	0.0027+0.0035	0.0025+0.0126
200	860625	0.0000+0.1846	0.5458+0.3413	0.0013+0.0033	0.0109+0.0120

FINE PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	BA	LA	HG	PB
200	860701	0.1420+0.1857	0.0000+0.3352	0.0002+0.0033	0.0253+0.0122
200	860707	0.0784+0.1895	0.5712+0.3423	0.0028+0.0035	0.0236+0.0124
200	860713	0.0977+0.1835	0.1751+0.3260	0.0000+0.0033	0.1614+0.0173
200	860719	0.0000+0.1904	0.3542+0.3355	0.0000+0.0032	0.0094+0.0121
200	860725	0.0000+0.1758	0.5390+0.3138	0.0036+0.0032	0.0109+0.0112
200	860731	0.0150+0.1822	0.3959+0.3303	0.0000+0.0032	0.0147+0.0120
200	860806	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860812	0.0736+0.1667	0.2776+0.3000	0.0005+0.0028	0.0165+0.0110
200	860818	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860824	0.1753+0.1683	0.0000+0.3066	0.0003+0.0028	0.0245+0.0112
200	860830	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
200	860905	0.2354+0.1765	0.5809+0.3185	0.0002+0.0030	0.0144+0.0115
200	860911	0.3264+0.1868	0.3375+0.3309	0.0020+0.0031	0.0038+0.0119
200	860917	0.1531+0.1914	0.0036+0.3402	0.0013+0.0033	0.0036+0.0123
200	860923	0.3099+0.1604	0.0000+0.2886	0.0009+0.0027	0.0000+0.0101
200	860929	0.1725+0.1672	0.4136+0.3007	0.0039+0.0030	0.0126+0.0109
200	861005	0.1379+0.1728	0.4701+0.3124	0.0036+0.0030	0.0329+0.0116
200	861011	0.0268+0.1713	0.5489+0.3132	0.0028+0.0030	0.0082+0.0112
200	861017	0.0136+0.1966	0.3506+0.3553	0.0017+0.0035	0.0271+0.0132
200	861023	0.0000+0.3224	0.6266+0.3180	0.0030+0.0030	0.0132+0.0113
200	861029	0.1269+0.1920	0.4223+0.3462	0.0005+0.0033	0.0107+0.0125
200	861104	0.1705+0.1828	0.3700+0.3283	0.0019+0.0032	0.0230+0.0119
200	861110	0.2188+0.1700	0.1678+0.3014	0.0000+0.0028	0.0148+0.0110
200	861116	0.0000+0.1625	0.0000+0.2893	0.0028+0.0028	0.0282+0.0107
200	861122	0.1185+0.1688	0.1233+0.3010	0.0005+0.0028	0.0000+0.0108
200	861128	0.0659+0.1608	0.3076+0.2902	0.0041+0.0028	0.0000+0.0102
200	861204	0.1013+0.1672	0.0000+0.2964	0.0027+0.0030	0.0190+0.0110
200	861210	0.1727+0.1674	0.1396+0.2978	0.0006+0.0028	0.0238+0.0111
200	861216	0.1127+0.1498	0.2326+0.2688	0.0020+0.0027	0.0072+0.0098
200	861222	0.1270+0.1735	0.0000+0.3152	0.0003+0.0030	0.0033+0.0112
200	861228	0.2627+0.1610	0.2364+0.2848	0.0005+0.0027	0.0167+0.0104

## Part R

Fine Particle Concentrations Measured at  
Tanbark Flats during 1986

This section contains data on fine particle mass concentration and chemical composition measured during the year 1986 at Tanbark Flats. 24-hour average samples were collected every sixth day in conjunction with the NASN sampling schedule. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following fine ( $d_p < 2.2 \mu\text{m AD}$ ) aerosol species: fine mass, organic carbon (OC), elemental carbon (EC), total carbon ( $\text{TC} = \text{OC} + \text{EC}$ ),  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{=}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ ,  $\text{Mg}^{++}$ , Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Ga, As, Se, Br, Rb, Sr, Y, Zr, Mo, Pd, Ag, Cd, In, Sn, Sb, Ba, La, Hg and Pb. Missing data are denoted by  $-9.990 \pm -9.990$  and by  $-9.999 + -9.999$ .

Values preceded by the symbol  $<$  are determined to be below their detection limit. In that case, the nominal measured concentration is reported, but the error bound is set equal to the instrumental detection limit for that sample. Therefore, the reported error is greater than the measured concentration. In the case of elemental concentrations determined by x-ray fluorescence (XRF) (i.e. Al through Pb in the listing of species given above), the symbol  $<$  has not been inserted, however, species concentrations are below their detection limit when the stated error bound is greater than the nominal concentration reported.

Water soluble chloride determined by aqueous extraction and ion chromatography is denoted by  $\text{Cl}^-$ , while the bulk chloride content of the aerosol, measured by XRF is denoted by the symbol Cl (with no valence stated). Fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  concentrations were obtained by two methods. In one method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a nylon filter downstream of a Teflon-coated cyclone ( $d_p < 2.2 \mu\text{m AD}$ ) and a MgO-coated diffusion denuder designed to quantitatively remove acid gases from the air stream. Nitrate ion and  $\text{Cl}^-$  samples collected by this method are labeled

with the symbol CD [i.e.  $\text{Cl}^-(\text{CD})$  and  $\text{NO}_3^-(\text{CD})$ ]. In the second method, fine particle  $\text{NO}_3^-$  and  $\text{Cl}^-$  were collected on a polytetrafluoroethylene (PTFE) filter located downstream of the Teflon-coated cyclone alone. Nitrate ion and  $\text{Cl}^-$  collected by this method are specified as  $\text{NO}_3^-$  and  $\text{Cl}^-$ , only. Samples for  $\text{SO}_4^{2-}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ , and  $\text{Mg}^{++}$  determination also were collected on the PTFE filter downstream of the cyclone separator. Water soluble fine  $\text{Br}^-$  aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported. Bulk composition bromide concentrations measured by XRF are reported in the tables that follow.

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
300	860102	-9.900+--9.900	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.900+--9.900	-9.900+--9.900
300	860108	-9.900+--9.900	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.900+--9.900	-9.900+--9.900
300	860114	-9.900+--9.900	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.900+--9.900	-9.900+--9.900
300	860120	56.139+- 3.890	7.74+- 0.70	1.58+- 0.39	9.33+- 0.28	25.168+- 1.075	17.080+- 0.996
300	860126	4.734+- 3.804	1.52+- 0.39	< 0.08+- 0.39	< 1.60+- 0.05	1.951+- .099	0.440+- 0.026
300	860201	13.844+- 3.820	3.00+- 0.46	0.55+- 0.34	3.54+- 0.11	.382+- .050	2.730+- 0.159
300	860207	7.497+- 3.840	1.13+- 0.37	< 0.11+- 0.39	< 1.24+- 0.04	1.756+- .092	1.178+- 0.069
300	860213	7.524+- 3.812	1.02+- 0.36	< 0.28+- 0.39	< 1.30+- 0.04	.893+- .063	0.747+- 0.044
300	860219	< 0.000+- 4.632	3.11+- 0.46	0.56+- 0.34	3.67+- 0.11	1.778+- .093	0.710+- 0.041
300	860225	6.227+- 3.819	4.55+- 0.54	0.80+- 0.35	5.36+- 0.16	4.029+- .182	0.411+- 0.024
300	860303	-9.900+--9.900	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.900+--9.900	-9.900+--9.900
300	860309	-9.900+--9.900	-9.99+--9.99	-9.99+--9.99	-9.99+--9.99	-9.900+--9.900	-9.900+--9.900
300	860315	12.433+- 3.848	2.49+- 0.44	< 0.38+- 0.39	< 2.86+- 0.09	2.590+- .124	1.155+- 0.067
300	860321	10.982+- 3.765	2.81+- 0.44	0.40+- 0.32	3.20+- 0.10	3.364+- .154	0.395+- 0.023
300	860327	17.298+- 3.806	3.19+- 0.47	0.46+- 0.33	3.66+- 0.11	1.157+- .070	0.529+- 0.031
300	860402	< 0.000+- 4.695	3.54+- 0.49	0.44+- 0.34	3.98+- 0.12	2.806+- .133	1.176+- 0.069
300	860408	13.892+- 3.811	6.39+- 0.63	1.04+- 0.36	7.43+- 0.22	5.444+- .241	2.685+- 0.157
300	860414	9.504+- 3.852	4.00+- 0.51	0.72+- 0.35	4.72+- 0.14	4.070+- .235	1.542+- 0.090
300	860420	13.834+- 3.840	3.74+- 0.50	< 0.20+- 0.39	< 3.94+- 0.12	.433+- .143	0.272+- 0.016
300	860426	28.417+- 3.838	7.35+- 0.68	0.95+- 0.36	8.29+- 0.25	4.350+- .243	1.058+- 0.062
300	860502	17.810+- 3.812	8.11+- 0.71	1.24+- 0.37	9.34+- 0.28	4.706+- .256	1.116+- 0.065
300	860508	12.470+- 3.825	5.57+- 0.59	0.83+- 0.35	6.39+- 0.19	3.468+- .214	1.295+- 0.076
300	860514	30.479+- 3.831	6.58+- 0.64	1.24+- 0.37	7.82+- 0.23	4.920+- .265	2.248+- 0.131
300	860520	18.072+- 3.798	6.16+- 0.62	0.88+- 0.35	7.03+- 0.21	4.928+- .264	1.239+- 0.072
300	860526	32.261+- 3.811	8.90+- 0.75	0.67+- 0.34	9.57+- 0.29	5.101+- .271	0.969+- 0.056
300	860601	31.611+- 3.850	9.07+- 0.76	0.75+- 0.35	9.81+- 0.29	4.902+- .264	0.794+- 0.046
300	860607	33.924+- 3.825	8.57+- 0.74	1.21+- 0.37	9.78+- 0.29	4.923+- .265	1.573+- 0.092
300	860613	23.430+- 3.825	10.79+- 0.85	1.40+- 0.38	12.19+- 0.37	3.220+- .206	0.718+- 0.042
300	860619	33.457+- 3.818	12.86+- 0.95	1.47+- 0.38	14.33+- 0.43	3.945+- .230	0.784+- 0.046
300	860625	38.763+- 3.800	15.06+- 1.06	1.65+- 0.39	16.72+- 0.50	3.542+- .216	0.603+- 0.035



FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	MASS	OC	EC	TC	NO3-(CD)	NO3-
300	860701	18.240+- 3.782	8.15+- 0.71	2.05+- 0.41	10.20+- 0.31	2.702+- .190	0.659+- 0.038
300	860707	7.054+- 3.779	4.82+- 0.55	1.12+- 0.36	5.94+- 0.18	1.905+- .168	0.503+- 0.029
300	860713	13.147+- 3.738	6.95+- 0.65	0.74+- 0.34	7.69+- 0.23	.815+- .146	0.443+- 0.026
300	860719	11.376+- 3.788	6.18+- 0.62	1.00+- 0.36	7.18+- 0.22	1.163+- .153	0.679+- 0.040
300	860725	16.288+- 3.761	6.97+- 0.66	1.58+- 0.39	8.55+- 0.26	3.041+- .200	0.484+- 0.028
300	860731	29.090+- 3.767	9.97+- 0.80	1.84+- 0.40	11.81+- 0.35	2.469+- .184	0.573+- 0.033
300	860806	43.639+- 3.820	14.18+- 1.02	3.28+- 0.47	17.45+- 0.52	3.283+- .209	0.609+- 0.035
300	860812	26.341+- 3.798	9.53+- 0.78	2.26+- 0.42	11.79+- 0.35	2.990+- .199	0.418+- 0.024
300	860818	11.610+- 3.759	5.17+- 0.56	1.33+- 0.37	6.50+- 0.19	1.290+- .154	0.212+- 0.012
300	860824	17.071+- 3.792	5.92+- 0.60	0.68+- 0.34	6.60+- 0.20	1.889+- .168	0.472+- 0.027
300	860830	13.352+- 3.751	5.30+- 0.57	0.81+- 0.35	6.11+- 0.18	1.709+- .162	0.436+- 0.025
300	860905	23.846+- 3.737	9.26+- 0.77	2.03+- 0.41	11.29+- 0.34	2.030+- .170	0.393+- 0.023
300	860911	27.494+- 3.757	9.68+- 0.79	1.72+- 0.39	11.40+- 0.34	5.544+- .287	0.911+- 0.053
300	860917	11.145+- 3.765	6.11+- 0.61	1.25+- 0.37	7.36+- 0.22	2.297+- .179	0.434+- 0.025
300	860923	-9.900+-9.900	3.01+- 0.46	0.61+- 0.34	3.62+- 0.11	2.303+- .180	0.814+- 0.047
300	860929	-9.900+-9.900	-9.99+-9.99	-9.99+-9.99	-9.99+-9.99	-9.900+-9.900	-9.900+-9.900
300	861005	< 1.622+- 4.606	1.58+- 0.39	< 0.19+- 0.38	< 1.77+- 0.05	.545+- .143	0.251+- 0.015
300	861011	14.361+- 3.762	3.21+- 0.47	0.82+- 0.35	4.02+- 0.12	2.143+- .175	0.368+- 0.021
300	861017	< 3.420+- 4.625	6.24+- 0.62	1.33+- 0.38	7.57+- 0.23	8.012+- .382	3.473+- 0.202
300	861023	38.839+- 3.839	9.77+- 0.80	2.21+- 0.42	11.98+- 0.36	10.481+- .482	4.311+- 0.251
300	861029	57.532+- 3.821	16.67+- 1.14	3.23+- 0.47	19.89+- 0.60	17.913+- .789	7.511+- 0.438
300	861104	5.301+- 3.801	2.80+- 0.45	0.90+- 0.36	3.71+- 0.11	1.780+- .167	0.333+- 0.019
300	861110	-9.900+-9.900	0.63+- 0.34	< 0.23+- 0.39	< 0.87+- 0.03	1.074+- .150	0.246+- 0.014
300	861116	62.390+- 3.829	1.89+- 0.40	< 0.37+- 0.38	< 2.26+- 0.07	2.110+- .172	0.512+- 0.030
300	861122	9.697+- 3.767	1.79+- 0.40	< 0.34+- 0.39	< 2.13+- 0.06	3.946+- .230	0.541+- 0.032
300	861128	< 0.647+- 4.591	1.76+- 0.40	0.51+- 0.33	2.27+- 0.07	2.921+- .197	0.666+- 0.039
300	861204	18.067+- 3.763	4.12+- 0.52	1.61+- 0.39	5.74+- 0.17	8.689+- .409	4.994+- 0.291
300	861210	16.423+- 3.792	4.14+- 0.52	0.99+- 0.36	5.14+- 0.15	9.211+- .430	5.797+- 0.338
300	861216	6.484+- 3.778	3.06+- 0.46	0.87+- 0.35	3.93+- 0.12	3.988+- .231	2.082+- 0.121
300	861222	11.653+- 3.773	2.19+- 0.42	0.81+- 0.35	2.99+- 0.09	4.441+- .246	2.890+- 0.168
300	861228	< 0.000+- 4.625	0.89+- 0.35	< 0.23+- 0.39	< 1.12+- 0.03	1.318+- .156	0.198+- 0.012

FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
300	860102	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900
300	860108	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900
300	860114	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900
300	860120	< .094+- .296	0.106+- 0.064	6.226+- 0.354	7.724+- 0.311	< 0.042+- 0.127	0.127+- 0.043
300	860126	< .000+- .295	< 0.026+- 0.101	0.366+- 0.021	0.191+- 0.008	< 0.000+- 0.126	< 0.000+- 0.053
300	860201	< .083+- .297	< 0.000+- 0.102	0.985+- 0.056	1.165+- 0.047	< 0.000+- 0.126	< 0.000+- 0.053
300	860207	< .123+- .297	< 0.030+- 0.102	0.600+- 0.034	0.370+- 0.015	< 0.000+- 0.127	< 0.026+- 0.053
300	860213	1.038+- .161	< 0.000+- 0.101	0.233+- 0.013	0.296+- 0.012	< 0.000+- 0.126	< 0.000+- 0.053
300	860219	< .197+- .295	< 0.025+- 0.101	1.510+- 0.086	0.731+- 0.029	0.279+- 0.094	< 0.013+- 0.053
300	860225	< .286+- .294	< 0.000+- 0.101	0.432+- 0.025	0.332+- 0.013	< 0.000+- 0.125	< 0.026+- 0.053
300	860303	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900
300	860309	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900
300	860315	< .105+- .297	0.542+- 0.127	1.345+- 0.076	0.717+- 0.029	0.448+- 0.117	0.064+- 0.022
300	860321	< .000+- .286	< 0.000+- 0.098	0.543+- 0.031	0.236+- 0.010	< 0.014+- 0.122	< 0.012+- 0.051
300	860327	< .000+- .291	0.129+- 0.065	1.897+- 0.108	0.755+- 0.030	< 0.026+- 0.124	0.096+- 0.032
300	860402	< .097+- .295	< 0.000+- 0.101	3.071+- 0.175	1.297+- 0.052	0.472+- 0.121	< 0.052+- 0.053
300	860408	< .123+- .296	< 0.093+- 0.101	3.449+- 0.196	1.806+- 0.073	0.336+- 0.101	0.167+- 0.056
300	860414	-9.900+--9.900	< 0.077+- 0.102	1.961+- 0.111	0.933+- 0.038	0.258+- 0.091	0.155+- 0.052
300	860420		< 0.000+- 0.101	0.844+- 0.048	0.372+- 0.015	< 0.000+- 0.125	< 0.026+- 0.052
300	860426		< 0.000+- 0.099	7.567+- 0.430	2.764+- 0.111	0.588+- 0.138	< 0.047+- 0.052
300	860502		< 0.030+- 0.101	3.175+- 0.180	1.337+- 0.054	0.355+- 0.104	< 0.024+- 0.053
300	860508		< 0.000+- 0.099	1.585+- 0.090	0.917+- 0.037	0.396+- 0.109	< 0.023+- 0.052
300	860514		< 0.024+- 0.100	7.118+- 0.404	3.205+- 0.129	0.309+- 0.097	< 0.035+- 0.052
300	860520		< 0.000+- 0.098	4.393+- 0.250	1.779+- 0.072	0.488+- 0.122	< 0.035+- 0.051
300	860526		< 0.000+- 0.099	7.372+- 0.419	2.824+- 0.114	0.420+- 0.112	< 0.023+- 0.052
300	860601		< 0.000+- 0.100	9.188+- 0.522	3.669+- 0.148	0.244+- 0.088	< 0.011+- 0.052
300	860607		< 0.003+- 0.099	8.912+- 0.506	3.545+- 0.143	0.382+- 0.107	0.059+- 0.020
300	860613		< 0.003+- 0.099	5.127+- 0.291	1.881+- 0.076	0.390+- 0.108	< 0.011+- 0.052
300	860619		< 0.000+- 0.100	6.873+- 0.391	2.784+- 0.112	0.355+- 0.103	< 0.023+- 0.052
300	860625		< 0.000+- 0.100	9.643+- 0.548	3.852+- 0.155	0.141+- 0.076	< 0.011+- 0.052

FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	CL-(CD)	CL-	SO4=	NH4+	NA+	MG++
300	860701		< 0.000+- 0.100	4.491+- 0.255	1.685+- 0.068	0.387+- 0.107	< 0.011+- 0.052
300	860707		< 0.029+- 0.100	2.355+- 0.134	1.006+- 0.041	0.178+- 0.080	< 0.011+- 0.052
300	860713		< 0.065+- 0.099	2.885+- 0.164	1.314+- 0.053	0.223+- 0.085	< 0.052+- 0.052
300	860719		0.226+- 0.077	1.678+- 0.095	0.756+- 0.030	0.289+- 0.094	< 0.011+- 0.052
300	860725		< 0.034+- 0.099	3.825+- 0.217	1.271+- 0.051	0.213+- 0.084	< 0.011+- 0.051
300	860731		< 0.044+- 0.098	6.738+- 0.383	2.481+- 0.100	0.166+- 0.078	< 0.051+- 0.051
300	860806		< 0.014+- 0.100	10.860+- 0.617	4.218+- 0.170	0.300+- 0.095	< 0.052+- 0.052
300	860812		< 0.039+- 0.098	6.659+- 0.378	2.442+- 0.098	0.198+- 0.081	< 0.051+- 0.051
300	860818		< 0.039+- 0.099	1.930+- 0.110	0.890+- 0.036	< 0.112+- 0.123	< 0.052+- 0.052
300	860824		< 0.008+- 0.099	5.400+- 0.307	1.855+- 0.075	0.466+- 0.119	< 0.047+- 0.052
300	860830		0.125+- 0.063	2.661+- 0.151	1.176+- 0.047	0.503+- 0.124	0.075+- 0.025
300	860905		< 0.023+- 0.098	4.711+- 0.268	1.835+- 0.074	0.202+- 0.082	< 0.023+- 0.051
300	860911		< 0.096+- 0.099	6.473+- 0.368	2.439+- 0.098	0.428+- 0.113	< 0.047+- 0.052
300	860917		< 0.000+- 0.099	1.157+- 0.066	0.506+- 0.020	< 0.103+- 0.123	< 0.011+- 0.052
300	860923		< 0.034+- 0.100	2.655+- 0.151	1.151+- 0.046	0.215+- 0.084	< 0.023+- 0.052
300	860929		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
300	861005		< 0.004+- 0.100	1.206+- 0.069	0.464+- 0.019	< 0.053+- 0.123	< 0.052+- 0.052
300	861011		< 0.030+- 0.099	5.249+- 0.298	1.694+- 0.068	< 0.044+- 0.123	< 0.052+- 0.052
300	861017		0.635+- 0.143	8.881+- 0.505	4.756+- 0.192	0.381+- 0.106	0.106+- 0.036
300	861023		< 0.092+- 0.099	6.755+- 0.384	3.890+- 0.157	0.227+- 0.086	< 0.052+- 0.052
300	861029		< 0.019+- 0.100	7.298+- 0.415	5.028+- 0.203	0.144+- 0.076	< 0.052+- 0.052
300	861104		< 0.018+- 0.098	0.569+- 0.032	0.323+- 0.013	< 0.038+- 0.122	< 0.051+- 0.051
300	861110		< 0.024+- 0.098	< 0.154+- 0.154	0.077+- 0.003	< 0.034+- 0.122	< 0.051+- 0.051
300	861116		< 0.033+- 0.097	0.842+- 0.048	0.451+- 0.018	< 0.000+- 0.121	< 0.051+- 0.051
300	861122		< 0.061+- 0.099	0.910+- 0.052	0.478+- 0.019	< 0.007+- 0.123	< 0.052+- 0.052
300	861128		< 0.004+- 0.099	0.317+- 0.018	0.286+- 0.012	< 0.000+- 0.123	< 0.052+- 0.052
300	861204		< 0.035+- 0.099	1.448+- 0.082	1.913+- 0.077	0.175+- 0.079	0.052+- 0.017
300	861210		< 0.014+- 0.099	1.311+- 0.075	2.186+- 0.088	0.145+- 0.076	0.073+- 0.024
300	861216		0.108+- 0.062	1.760+- 0.100	0.937+- 0.038	1.109+- 0.224	0.052+- 0.018
300	861222		< 0.019+- 0.099	1.124+- 0.064	1.274+- 0.051	< 0.000+- 0.123	< 0.051+- 0.051
300	861228		0.139+- 0.066	0.448+- 0.025	0.151+- 0.006	< 0.000+- 0.123	< 0.052+- 0.052

FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	AL	SI	P	S	CL	K
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.1311+0.0216	0.1901+0.0284	0.0640+0.0143	2.4179+0.1994	0.0553+0.0223	0.0659+0.0112
300	860126	0.0847+0.0160	0.1590+0.0240	0.0062+0.0045	0.1486+0.0431	0.0000+0.0182	0.0438+0.0098
300	860201	0.0215+0.0110	0.0203+0.0073	0.0189+0.0061	0.4926+0.0611	0.0106+0.0191	0.0131+0.0085
300	860207	0.0609+0.0140	0.1347+0.0208	0.0123+0.0051	0.1846+0.0458	0.0438+0.0204	0.0165+0.0089
300	860213	0.0177+0.0108	0.0125+0.0067	0.0040+0.0043	0.0951+0.0412	0.0288+0.0192	0.0094+0.0083
300	860219	0.1414+0.0223	0.0402+0.0088	0.0173+0.0057	0.6726+0.0715	0.0083+0.0184	0.0117+0.0082
300	860225	0.1168+0.0197	0.1381+0.0212	0.0191+0.0061	0.2176+0.0471	0.0280+0.0197	0.0429+0.0100
300	860303	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.0596+0.0137	0.0686+0.0122	0.0151+0.0055	0.5978+0.0677	0.0177+0.0194	0.0363+0.0095
300	860321	0.0557+0.0139	0.1355+0.0209	0.0050+0.0047	0.1345+0.0457	0.0073+0.0200	0.0078+0.0088
300	860327	0.1400+0.0226	0.2335+0.0344	0.0222+0.0066	0.7865+0.0810	0.0160+0.0205	0.0923+0.0130
300	860402	0.1344+0.0216	0.3029+0.0430	0.0000+0.0078	1.2407+0.1048	0.0275+0.0208	0.0748+0.0115
300	860408	0.0931+0.0168	0.1324+0.0199	0.0000+0.0089	1.2643+0.1052	0.0279+0.0201	0.0390+0.0094
300	860414	0.1558+0.0236	0.2941+0.0417	0.0050+0.0051	0.7632+0.0737	0.0309+0.0193	0.0572+0.0101
300	860420	0.1604+0.0244	0.3155+0.0447	0.0045+0.0049	0.3597+0.0531	0.0613+0.0213	0.0499+0.0102
300	860426	0.1897+0.0276	0.3310+0.0467	0.0000+0.0163	2.9633+0.2189	0.0255+0.0200	0.1111+0.0129
300	860502	0.1696+0.0256	0.3799+0.0535	0.0055+0.0053	1.2614+0.1059	0.0261+0.0207	0.0958+0.0126
300	860508	0.1179+0.0200	0.1868+0.0273	0.0000+0.0063	0.7002+0.0727	0.0186+0.0213	0.0664+0.0113
300	860514	0.2369+0.0339	0.2906+0.0414	0.0000+0.0131	2.9041+0.2171	0.0109+0.0225	0.0705+0.0115
300	860520	0.1509+0.0233	0.3398+0.0480	0.0000+0.0118	1.7691+0.1386	0.0047+0.0201	0.1017+0.0128
300	860526	0.1783+0.0262	0.3483+0.0491	0.0157+0.0079	2.8613+0.2112	0.0411+0.0204	0.1914+0.0178
300	860601	0.1859+0.0277	0.2888+0.0411	0.0126+0.0068	3.7792+0.2758	0.0027+0.0224	0.1641+0.0167
300	860607	0.1894+0.0279	0.3039+0.0430	0.0143+0.0072	3.4007+0.2489	0.0000+0.0211	0.1438+0.0153
300	860613	0.1864+0.0278	0.3372+0.0477	0.0000+0.0123	2.0056+0.1552	0.0375+0.0219	0.1300+0.0146
300	860619	0.2068+0.0299	0.3787+0.0533	0.0000+0.0164	2.6366+0.1967	0.0145+0.0206	0.1326+0.0145
300	860625	0.2063+0.0298	0.3411+0.0481	0.0240+0.0121	3.9006+0.2816	0.0000+0.0206	0.1037+0.0126

FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	AL	SI	P	S	CL	K
300	860701	0.1324+0.0211	0.2054+0.0296	0.0000+0.0124	1.6988+0.1332	0.0065+0.0196	0.1023+0.0126
300	860707	0.1011+0.0173	0.1560+0.0229	0.0000+0.0081	0.9397+0.0840	0.0001+0.0183	0.1343+0.0143
300	860713	0.1431+0.0216	0.1444+0.0213	0.0000+0.0090	1.1954+0.0985	0.0079+0.0176	0.0553+0.0094
300	860719	0.0910+0.0168	0.1351+0.0206	0.0144+0.0073	0.6502+0.0700	0.0163+0.0205	0.0470+0.0103
300	860725	0.1070+0.0176	0.1616+0.0237	0.0000+0.0083	1.3334+0.1086	0.0467+0.0197	0.0693+0.0105
300	860731	0.2164+0.0309	0.2530+0.0361	0.0079+0.0056	2.4433+0.1833	0.0189+0.0208	0.0862+0.0118
300	860806	0.2745+0.0381	0.3250+0.0460	0.0000+0.0194	4.2623+0.3090	0.0000+0.0214	0.1135+0.0135
300	860812	0.1560+0.0238	0.3082+0.0436	0.0000+0.0123	2.4468+0.1847	0.0062+0.0210	0.0781+0.0115
300	860818	0.1581+0.0236	0.1829+0.0265	0.0000+0.0072	0.8483+0.0779	0.0000+0.0186	0.0706+0.0108
300	860824	0.1758+0.0260	0.3151+0.0446	0.0000+0.0111	2.0168+0.1552	0.0041+0.0204	0.1038+0.0129
300	860830	0.1250+0.0197	0.1723+0.0251	0.0000+0.0085	1.0738+0.0917	0.0346+0.0193	0.0809+0.0112
300	860905	0.1768+0.0260	0.2945+0.0416	0.0000+0.0102	1.8212+0.1407	0.0000+0.0193	0.1222+0.0136
300	860911	0.1587+0.0237	0.2567+0.0365	0.0000+0.0143	2.6297+0.1954	0.0016+0.0194	0.0966+0.0120
300	860917	0.1111+0.0180	0.2007+0.0288	0.0000+0.0060	0.5897+0.0613	0.0226+0.0178	0.0628+0.0098
300	860923	0.0752+0.0146	0.0860+0.0139	0.0000+0.0062	1.0423+0.0906	0.0196+0.0193	0.0447+0.0094
300	860929	0.1194+0.0189	0.1847+0.0267	0.0000+0.0075	0.9538+0.0840	0.0259+0.0186	0.0426+0.0089
300	861005	0.0636+0.0166	0.0783+0.0144	0.0000+0.0052	0.4128+0.0540	0.0000+0.0191	0.0530+0.0102
300	861011	0.0885+0.0156	0.0817+0.0132	0.0094+0.0050	1.8680+0.1439	0.0000+0.0186	0.0374+0.0088
300	861017	0.1250+0.0205	0.1990+0.0289	0.0000+0.0130	3.0500+0.2262	0.0126+0.0223	0.0943+0.0126
300	861023	0.1766+0.0266	0.2606+0.0373	0.0000+0.0121	2.7235+0.2051	0.0027+0.0229	0.0994+0.0132
300	861029	0.2424+0.0340	0.3434+0.0484	0.0000+0.0178	3.1715+0.2336	0.0415+0.0213	0.1494+0.0152
300	861104	0.0774+0.0151	0.1454+0.0217	0.0000+0.0049	0.2572+0.0466	0.0000+0.0193	0.0360+0.0095
300	861110	0.0860+0.0154	0.0987+0.0154	0.0000+0.0043	0.0737+0.0363	0.0151+0.0180	0.0418+0.0090
300	861116	0.0658+0.0134	0.0672+0.0115	0.0000+0.0044	0.3559+0.0498	0.0128+0.0183	0.0288+0.0085
300	861122	0.0701+0.0135	0.0866+0.0138	0.0000+0.0062	0.6341+0.0628	0.0590+0.0188	0.0637+0.0100
300	861128	0.0591+0.0127	0.1391+0.0207	0.0000+0.0050	0.2112+0.0410	0.0023+0.0173	0.0289+0.0083
300	861204	0.1764+0.0258	0.2795+0.0396	0.0000+0.0059	0.2837+0.0460	0.0564+0.0198	0.2943+0.0246
300	861210	0.1191+0.0188	0.1579+0.0231	0.0000+0.0063	0.4902+0.0551	0.0043+0.0171	0.0433+0.0089
300	861216	0.0842+0.0152	0.1346+0.0201	0.0000+0.0069	0.7079+0.0688	0.0029+0.0180	0.1048+0.0125
300	861222	0.0703+0.0138	0.0754+0.0125	0.0000+0.0051	0.4738+0.0551	0.0121+0.0182	0.0306+0.0086
300	861228	0.0253+0.0107	0.0549+0.0103	0.0000+0.0043	0.1434+0.0408	0.0117+0.0188	0.0203+0.0085

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	CA	TI	V	CR	MN	FE
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.0625+0.0086	0.0177+0.0042	0.0036+0.0027	0.0055+0.0026	0.0124+0.0035	0.1512+0.0139
300	860126	0.0627+0.0085	0.0117+0.0038	0.0027+0.0027	0.0034+0.0025	0.0043+0.0031	0.0849+0.0091
300	860201	0.0127+0.0060	0.0028+0.0034	0.0000+0.0025	0.0013+0.0024	0.0060+0.0033	0.0147+0.0051
300	860207	0.0431+0.0075	0.0069+0.0036	0.0004+0.0027	0.0064+0.0027	0.0043+0.0033	0.0476+0.0069
300	860213	0.0006+0.0055	0.0036+0.0034	0.0000+0.0025	0.0000+0.0024	0.0019+0.0031	0.0159+0.0051
300	860219	0.0207+0.0060	0.0095+0.0036	0.0053+0.0027	0.0031+0.0024	0.0080+0.0033	0.0224+0.0053
300	860225	0.0429+0.0076	0.0183+0.0042	0.0000+0.0027	0.0036+0.0025	0.0074+0.0035	0.0984+0.0101
300	860303	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.0202+0.0063	0.0109+0.0038	0.0000+0.0025	0.0034+0.0026	0.0015+0.0031	0.0307+0.0060
300	860321	0.0477+0.0078	0.0091+0.0038	0.0023+0.0028	0.0063+0.0028	0.0035+0.0034	0.0841+0.0092
300	860327	0.0615+0.0087	0.0113+0.0039	0.0044+0.0028	0.0041+0.0027	0.0068+0.0036	0.0747+0.0087
300	860402	0.0655+0.0086	0.0185+0.0041	0.0017+0.0027	0.0003+0.0027	0.0045+0.0035	0.0868+0.0090
300	860408	0.0332+0.0067	0.0108+0.0036	0.0027+0.0027	0.0067+0.0028	0.0056+0.0033	0.0822+0.0085
300	860414	0.0773+0.0090	0.0138+0.0037	0.0026+0.0026	0.0026+0.0026	0.0038+0.0032	0.1513+0.0129
300	860420	0.0863+0.0097	0.0127+0.0038	0.0027+0.0028	0.0000+0.0027	0.0045+0.0034	0.0962+0.0096
300	860426	0.0765+0.0088	0.0154+0.0037	0.0061+0.0027	0.0000+0.0024	0.0095+0.0032	0.0870+0.0087
300	860502	0.0779+0.0092	0.0297+0.0047	0.0047+0.0028	0.0000+0.0027	0.0095+0.0034	0.1402+0.0122
300	860508	0.0529+0.0081	0.0246+0.0046	0.0048+0.0030	0.0016+0.0028	0.0074+0.0036	0.0822+0.0088
300	860514	0.0970+0.0107	0.0256+0.0045	0.0025+0.0028	0.0034+0.0028	0.0125+0.0036	0.1184+0.0111
300	860520	0.1131+0.0113	0.0237+0.0043	0.0028+0.0028	0.0000+0.0025	0.0062+0.0034	0.1221+0.0110
300	860526	0.0752+0.0089	0.0148+0.0036	0.0068+0.0027	0.0003+0.0024	0.0087+0.0031	0.1117+0.0102
300	860601	0.0477+0.0078	0.0129+0.0039	0.0030+0.0028	0.0000+0.0027	0.0066+0.0035	0.1005+0.0098
300	860607	0.0713+0.0088	0.0145+0.0039	0.0068+0.0028	0.0003+0.0027	0.0074+0.0034	0.1153+0.0106
300	860613	0.0915+0.0102	0.0275+0.0047	0.0118+0.0032	0.0000+0.0028	0.0123+0.0036	0.1270+0.0114
300	860619	0.0999+0.0105	0.0433+0.0053	0.0092+0.0030	0.0004+0.0027	0.0084+0.0034	0.1356+0.0118
300	860625	0.0779+0.0090	0.0568+0.0061	0.0133+0.0033	0.0021+0.0027	0.0140+0.0035	0.1396+0.0121

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	CA	TI	V	CR	MN	FE
300	860701	0.0581+0.0080	0.0321+0.0047	0.0113+0.0031	0.0000+0.0025	0.0079+0.0033	0.0851+0.0086
300	860707	0.0421+0.0071	0.0163+0.0038	0.0043+0.0027	0.0013+0.0025	0.0094+0.0033	0.0763+0.0081
300	860713	0.0275+0.0060	0.0103+0.0032	0.0007+0.0023	0.0029+0.0023	0.0079+0.0031	0.0534+0.0065
300	860719	0.0435+0.0078	0.0027+0.0034	0.0032+0.0028	0.0000+0.0026	0.0070+0.0034	0.0847+0.0092
300	860725	0.0461+0.0074	0.0250+0.0041	0.0070+0.0027	0.0045+0.0025	0.0044+0.0031	0.0763+0.0080
300	860731	0.0625+0.0086	0.0231+0.0042	0.0048+0.0026	0.0010+0.0025	0.0054+0.0032	0.1174+0.0107
300	860806	0.0795+0.0096	0.0481+0.0057	0.0103+0.0030	0.0041+0.0027	0.0093+0.0034	0.1560+0.0132
300	860812	0.0901+0.0101	0.0418+0.0053	0.0065+0.0028	0.0010+0.0025	0.0096+0.0034	0.1383+0.0121
300	860818	0.0539+0.0079	0.0164+0.0037	0.0042+0.0025	0.0000+0.0023	0.0037+0.0031	0.1554+0.0130
300	860824	0.0590+0.0084	0.0139+0.0037	0.0069+0.0028	0.0000+0.0025	0.0032+0.0033	0.0824+0.0086
300	860830	0.0495+0.0075	0.0091+0.0034	0.0042+0.0025	0.0000+0.0023	0.0066+0.0031	0.0755+0.0080
300	860905	0.0786+0.0093	0.0379+0.0050	0.0029+0.0026	0.0038+0.0025	0.0137+0.0034	0.1238+0.0111
300	860911	0.0704+0.0087	0.0185+0.0038	0.0063+0.0026	0.0044+0.0023	0.0093+0.0031	0.1095+0.0100
300	860917	0.0443+0.0071	0.0267+0.0042	0.0047+0.0025	0.0040+0.0024	0.0037+0.0029	0.1229+0.0108
300	860923	0.0240+0.0065	0.0031+0.0033	0.0015+0.0024	0.0007+0.0024	0.0041+0.0031	0.0318+0.0058
300	860929	0.0394+0.0069	0.0162+0.0036	0.0078+0.0025	0.0015+0.0022	0.0040+0.0029	0.0952+0.0091
300	861005	0.0272+0.0067	0.0063+0.0035	0.0016+0.0025	0.0043+0.0027	0.0000+0.0031	0.0183+0.0054
300	861011	0.0231+0.0062	0.0089+0.0033	0.0019+0.0023	0.0026+0.0023	0.0000+0.0029	0.0344+0.0057
300	861017	0.0451+0.0078	0.0177+0.0041	0.0089+0.0030	0.0004+0.0027	0.0028+0.0034	0.0772+0.0085
300	861023	0.0637+0.0090	0.0301+0.0048	0.0058+0.0030	0.0007+0.0028	0.0124+0.0038	0.1275+0.0117
300	861029	0.0774+0.0091	0.0300+0.0044	0.0044+0.0025	0.0047+0.0024	0.0155+0.0033	0.1529+0.0129
300	861104	0.0456+0.0077	0.0117+0.0037	0.0003+0.0025	0.0000+0.0025	0.0025+0.0033	0.0653+0.0076
300	861110	0.0266+0.0064	0.0135+0.0036	0.0031+0.0025	0.0009+0.0024	0.0046+0.0031	0.1895+0.0152
300	861116	0.0253+0.0063	0.0032+0.0031	0.0044+0.0025	0.0019+0.0024	0.0056+0.0031	0.0533+0.0067
300	861122	0.0316+0.0065	0.0035+0.0029	0.0062+0.0024	0.0009+0.0022	0.0034+0.0029	0.0289+0.0053
300	861128	0.0449+0.0072	0.0172+0.0038	0.0012+0.0023	0.0029+0.0024	0.0048+0.0029	0.0572+0.0069
300	861204	0.0917+0.0102	0.0243+0.0041	0.0009+0.0025	0.0016+0.0023	0.0009+0.0029	0.1793+0.0145
300	861210	0.0368+0.0067	0.0174+0.0036	0.0010+0.0022	0.0038+0.0024	0.0092+0.0030	0.0834+0.0084
300	861216	0.0480+0.0074	0.0100+0.0034	0.0056+0.0025	0.0000+0.0022	0.0043+0.0030	0.0651+0.0073
300	861222	0.0287+0.0065	0.0038+0.0031	0.0012+0.0024	0.0029+0.0024	0.0016+0.0029	0.0492+0.0065
300	861228	0.0067+0.0058	0.0044+0.0033	0.0007+0.0024	0.0000+0.0024	0.0004+0.0031	0.0238+0.0054

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	NI	CU	ZN	GA	AS	SE
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.0081+0.0024	0.0370+0.0043	4.1351+0.3170	0.0000+0.0060	0.0000+0.0079	0.0019+0.0025
300	860126	0.0000+0.0019	0.0201+0.0032	0.0190+0.0029	0.0000+0.0016	0.0076+0.0064	0.0009+0.0024
300	860201	0.0000+0.0021	0.0022+0.0025	0.0170+0.0027	0.0000+0.0016	0.0000+0.0070	0.0000+0.0024
300	860207	0.0040+0.0023	0.1557+0.0129	0.1155+0.0099	0.0000+0.0016	0.0027+0.0067	0.0000+0.0024
300	860213	0.0000+0.0021	0.0000+0.0024	0.0040+0.0021	0.0000+0.0015	0.0000+0.0064	0.0000+0.0024
300	860219	0.0053+0.0022	0.0541+0.0054	0.0613+0.0058	0.0000+0.0015	0.0000+0.0068	0.0019+0.0024
300	860225	0.0037+0.0022	0.0278+0.0038	0.0384+0.0042	0.0007+0.0016	0.0024+0.0068	0.0003+0.0025
300	860303	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.0040+0.0023	0.0115+0.0028	0.0156+0.0027	0.0000+0.0016	0.0000+0.0067	0.0000+0.0024
300	860321	0.0028+0.0024	0.0000+0.0026	0.0095+0.0024	0.0000+0.0018	0.0000+0.0070	0.0000+0.0025
300	860327	0.0030+0.0022	0.0090+0.0029	0.0144+0.0026	0.0000+0.0016	0.0070+0.0068	0.0000+0.0025
300	860402	0.0000+0.0023	0.0626+0.0057	0.0642+0.0056	0.0000+0.0018	0.0000+0.0071	0.0000+0.0024
300	860408	0.0039+0.0022	0.0239+0.0033	0.0445+0.0043	0.0000+0.0018	0.0012+0.0074	0.0025+0.0024
300	860414	0.0036+0.0023	0.0204+0.0032	0.0254+0.0031	0.0000+0.0017	0.0000+0.0069	0.0000+0.0023
300	860420	0.0000+0.0022	0.0051+0.0026	0.0106+0.0023	0.0000+0.0016	0.0000+0.0070	0.0001+0.0025
300	860426	0.0019+0.0021	0.0045+0.0022	0.0233+0.0029	0.0000+0.0016	0.0000+0.0070	0.0015+0.0022
300	860502	0.0064+0.0024	0.0997+0.0081	0.1016+0.0081	0.0000+0.0018	0.0000+0.0085	0.0010+0.0025
300	860508	0.0000+0.0024	0.0015+0.0025	0.0308+0.0035	0.0000+0.0018	0.0016+0.0079	0.0015+0.0027
300	860514	0.0304+0.0039	0.0481+0.0049	0.0650+0.0057	0.0000+0.0019	0.0000+0.0094	0.0000+0.0025
300	860520	0.0024+0.0022	0.0238+0.0033	0.0404+0.0040	0.0000+0.0018	0.0000+0.0080	0.0024+0.0025
300	860526	0.0022+0.0021	0.0268+0.0034	0.0286+0.0031	0.0000+0.0016	0.0030+0.0071	0.0024+0.0022
300	860601	0.0034+0.0024	0.0073+0.0027	0.0248+0.0031	0.0000+0.0018	0.0000+0.0079	0.0031+0.0025
300	860607	0.0031+0.0022	0.0914+0.0075	0.0833+0.0069	0.0000+0.0018	0.0000+0.0080	0.0018+0.0024
300	860613	0.0003+0.0022	0.0681+0.0060	0.0839+0.0069	0.0001+0.0019	0.0000+0.0089	0.0003+0.0025
300	860619	0.0093+0.0026	0.0127+0.0027	0.0550+0.0049	0.0000+0.0018	0.0000+0.0080	0.0030+0.0024
300	860625	0.0122+0.0026	0.0215+0.0031	0.0800+0.0065	0.0000+0.0016	0.0041+0.0080	0.0025+0.0024



FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	NI	CU	ZN	GA	AS	SE
300	860701	0.0047+0.0024	0.0131+0.0027	0.0415+0.0040	0.0000+0.0018	0.0000+0.0078	0.0010+0.0024
300	860707	0.0024+0.0021	0.0099+0.0025	0.0321+0.0034	0.0000+0.0016	0.0000+0.0069	0.0032+0.0024
300	860713	0.0035+0.0020	0.0160+0.0026	0.0183+0.0025	0.0038+0.0016	0.0000+0.0064	0.0004+0.0022
300	860719	0.0052+0.0024	0.0242+0.0035	0.0414+0.0043	0.0024+0.0018	0.0000+0.0073	0.0026+0.0024
300	860725	0.0037+0.0021	0.0233+0.0031	0.0375+0.0038	0.0000+0.0015	0.0000+0.0069	0.0035+0.0022
300	860731	0.0086+0.0025	0.0534+0.0051	0.0736+0.0062	0.0000+0.0016	0.0000+0.0073	0.0000+0.0023
300	860806	0.0087+0.0025	0.0546+0.0051	0.0902+0.0073	0.0003+0.0018	0.0000+0.0081	0.0001+0.0024
300	860812	0.0099+0.0026	0.0149+0.0029	0.0580+0.0051	0.0004+0.0018	0.0000+0.0080	0.0047+0.0025
300	860818	0.0117+0.0025	0.0174+0.0029	0.0243+0.0030	0.0020+0.0016	0.0000+0.0069	0.0016+0.0023
300	860824	0.0061+0.0024	0.0174+0.0031	0.0210+0.0028	0.0000+0.0016	0.0000+0.0069	0.0041+0.0025
300	860830	0.0117+0.0025	0.0156+0.0027	0.0188+0.0026	0.0001+0.0015	0.0000+0.0069	0.0023+0.0022
300	860905	0.0047+0.0022	0.0296+0.0036	0.0504+0.0046	0.0013+0.0016	0.0001+0.0071	0.0026+0.0023
300	860911	0.0109+0.0024	0.0067+0.0024	0.0429+0.0040	0.0003+0.0016	0.0000+0.0077	0.0020+0.0022
300	860917	0.0107+0.0024	0.0500+0.0047	0.0519+0.0046	0.0019+0.0015	0.0000+0.0067	0.0006+0.0021
300	860923	0.0018+0.0021	0.0156+0.0028	0.0194+0.0027	0.0004+0.0016	0.0000+0.0070	0.0000+0.0022
300	860929	0.0060+0.0022	0.0996+0.0080	0.0956+0.0076	0.0015+0.0016	0.0000+0.0069	0.0015+0.0022
300	861005	0.0018+0.0022	0.0610+0.0055	0.0458+0.0044	0.0013+0.0016	0.0000+0.0068	0.0016+0.0024
300	861011	0.0004+0.0019	0.0127+0.0026	0.0177+0.0025	0.0009+0.0015	0.0015+0.0062	0.0000+0.0022
300	861017	0.0062+0.0024	0.0966+0.0078	0.0881+0.0072	0.0016+0.0018	0.0000+0.0078	0.0019+0.0025
300	861023	0.0054+0.0025	0.0310+0.0039	0.0610+0.0054	0.0007+0.0019	0.0000+0.0089	0.0000+0.0027
300	861029	0.0044+0.0021	0.0845+0.0070	0.1217+0.0094	0.0021+0.0018	0.0000+0.0100	0.0035+0.0022
300	861104	0.0025+0.0022	0.0025+0.0024	0.0274+0.0032	0.0033+0.0018	0.0000+0.0070	0.0037+0.0025
300	861110	0.0007+0.0019	0.0053+0.0024	0.0082+0.0021	0.0000+0.0015	0.0007+0.0060	0.0034+0.0022
300	861116	0.0075+0.0022	0.8240+0.0576	0.6613+0.0466	0.0000+0.0019	0.0000+0.0077	0.0047+0.0024
300	861122	0.0022+0.0019	0.0041+0.0022	0.0047+0.0018	0.0035+0.0015	0.0097+0.0057	0.0000+0.0021
300	861128	0.0026+0.0021	0.0098+0.0025	0.0135+0.0023	0.0000+0.0015	0.0000+0.0065	0.0000+0.0022
300	861204	0.0025+0.0021	0.0480+0.0047	0.0630+0.0054	0.0041+0.0016	0.0010+0.0066	0.0009+0.0022
300	861210	0.0037+0.0021	0.0195+0.0030	0.0371+0.0037	0.0007+0.0015	0.0003+0.0062	0.0004+0.0021
300	861216	0.0009+0.0019	0.0259+0.0033	0.0286+0.0032	0.0037+0.0016	0.0044+0.0060	0.0000+0.0021
300	861222	0.0000+0.0019	0.0617+0.0055	0.0588+0.0052	0.0028+0.0016	0.0000+0.0065	0.0025+0.0022
300	861228	0.0012+0.0021	0.0009+0.0022	0.0067+0.0021	0.0000+0.0015	0.0000+0.0064	0.0001+0.0024

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	BR	RB	SR	Y	ZR	MO
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.0156+0.0036	0.0037+0.0042	0.0073+0.0051	0.0003+0.0061	0.0421+0.0256	0.0124+0.0178
300	860126	0.0019+0.0031	0.0086+0.0042	0.0000+0.0049	0.0015+0.0059	0.0018+0.0241	0.0114+0.0170
300	860201	0.0033+0.0033	0.0007+0.0042	0.0021+0.0051	0.0000+0.0060	0.0021+0.0247	0.0000+0.0173
300	860207	0.0019+0.0033	0.0000+0.0042	0.0075+0.0051	0.0000+0.0061	0.0000+0.0250	0.0000+0.0177
300	860213	0.0064+0.0033	0.0000+0.0040	0.0055+0.0049	0.0000+0.0059	0.0308+0.0247	0.0079+0.0172
300	860219	0.0027+0.0031	0.0073+0.0040	0.0000+0.0047	0.0000+0.0058	0.0000+0.0237	0.0338+0.0171
300	860225	0.0074+0.0033	0.0016+0.0042	0.0054+0.0051	0.0021+0.0061	0.0000+0.0252	0.0159+0.0179
300	860303	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.0058+0.0033	0.0006+0.0040	0.0045+0.0050	0.0000+0.0060	0.0076+0.0247	0.0000+0.0172
300	860321	0.0029+0.0034	0.0037+0.0044	0.0040+0.0053	0.0029+0.0065	0.0081+0.0263	0.0161+0.0185
300	860327	0.0089+0.0034	0.0061+0.0045	0.0028+0.0053	0.0000+0.0064	0.0065+0.0262	0.0000+0.0184
300	860402	0.0122+0.0035	0.0000+0.0044	0.0000+0.0053	0.0000+0.0063	0.0000+0.0260	0.0000+0.0183
300	860408	0.0116+0.0035	0.0000+0.0042	0.0033+0.0050	0.0000+0.0061	0.0059+0.0249	0.0117+0.0174
300	860414	0.0111+0.0033	0.0000+0.0041	0.0032+0.0048	0.0000+0.0059	0.0140+0.0242	0.0207+0.0168
300	860420	0.0094+0.0035	0.0000+0.0043	0.0042+0.0052	0.0021+0.0063	0.0277+0.0261	0.0269+0.0181
300	860426	0.0166+0.0034	0.0000+0.0039	0.0067+0.0048	0.0003+0.0057	0.0000+0.0236	0.0116+0.0161
300	860502	0.0185+0.0037	0.0000+0.0043	0.0000+0.0052	0.0000+0.0062	0.0228+0.0258	0.0000+0.0182
300	860508	0.0145+0.0038	0.0000+0.0046	0.0000+0.0055	0.0019+0.0067	0.0128+0.0274	0.0072+0.0191
300	860514	0.0204+0.0040	0.0000+0.0045	0.0049+0.0055	0.0051+0.0067	0.0507+0.0272	0.0000+0.0189
300	860520	0.0139+0.0035	0.0000+0.0043	0.0000+0.0050	0.0000+0.0061	0.0142+0.0253	0.0000+0.0174
300	860526	0.0200+0.0035	0.0000+0.0038	0.0052+0.0047	0.0000+0.0056	0.0283+0.0233	0.0145+0.0161
300	860601	0.0199+0.0039	0.0001+0.0045	0.0000+0.0054	0.0000+0.0064	0.0263+0.0268	0.0299+0.0187
300	860607	0.0194+0.0037	0.0015+0.0043	0.0000+0.0050	0.0000+0.0061	0.0096+0.0254	0.0284+0.0177
300	860613	0.0192+0.0038	0.0000+0.0045	0.0071+0.0054	0.0000+0.0064	0.0306+0.0268	0.0326+0.0187
300	860619	0.0203+0.0037	0.0000+0.0041	0.0015+0.0050	0.0000+0.0061	0.0178+0.0249	0.0059+0.0172
300	860625	0.0247+0.0037	0.0000+0.0041	0.0000+0.0049	0.0000+0.0059	0.0155+0.0245	0.0305+0.0171

FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	BR	RB	SR	Y	ZR	MO
300	860701	0.0183+0.0036	0.0000+0.0041	0.0000+0.0050	0.0000+0.0060	0.0213+0.0248	0.0118+0.0171
300	860707	0.0119+0.0033	0.0028+0.0040	0.0080+0.0049	0.0001+0.0057	0.0000+0.0241	0.0000+0.0168
300	860713	0.0121+0.0031	0.0060+0.0036	0.0017+0.0044	0.0001+0.0054	0.0000+0.0226	0.0115+0.0154
300	860719	0.0126+0.0036	0.0040+0.0044	0.0047+0.0053	0.0000+0.0063	0.0000+0.0260	0.0000+0.0183
300	860725	0.0100+0.0033	0.0000+0.0038	0.0044+0.0047	0.0013+0.0057	0.0193+0.0229	0.0000+0.0163
300	860731	0.0177+0.0036	0.0053+0.0041	0.0108+0.0051	0.0000+0.0061	0.0000+0.0250	0.0031+0.0173
300	860806	0.0200+0.0038	0.0025+0.0043	0.0101+0.0052	0.0000+0.0062	0.0000+0.0257	0.0000+0.0176
300	860812	0.0182+0.0038	0.0072+0.0043	0.0075+0.0052	0.0000+0.0062	0.0000+0.0257	0.0155+0.0177
300	860818	0.0129+0.0034	0.0059+0.0040	0.0066+0.0048	0.0000+0.0059	0.0136+0.0236	0.0239+0.0167
300	860824	0.0123+0.0036	0.0000+0.0041	0.0068+0.0052	0.0016+0.0062	0.0434+0.0253	0.0010+0.0176
300	860830	0.0079+0.0032	0.0018+0.0039	0.0032+0.0047	0.0023+0.0057	0.0000+0.0235	0.0000+0.0165
300	860905	0.0212+0.0036	0.0055+0.0041	0.0000+0.0048	0.0000+0.0058	0.0000+0.0244	0.0000+0.0166
300	860911	0.0238+0.0037	0.0001+0.0038	0.0060+0.0047	0.0000+0.0057	0.0086+0.0228	0.0026+0.0159
300	860917	0.0133+0.0031	0.0043+0.0037	0.0122+0.0046	0.0045+0.0054	0.0000+0.0224	0.0000+0.0151
300	860923	0.0117+0.0033	0.0049+0.0040	0.0076+0.0049	0.0000+0.0059	0.0387+0.0239	0.0278+0.0169
300	860929	0.0103+0.0031	0.0034+0.0037	0.0004+0.0046	0.0004+0.0056	0.0439+0.0226	0.0087+0.0156
300	861005	0.0016+0.0034	0.0018+0.0041	0.0016+0.0052	0.0000+0.0062	0.0177+0.0249	0.0178+0.0175
300	861011	0.0064+0.0031	0.0016+0.0038	0.0013+0.0047	0.0000+0.0056	0.0347+0.0229	0.0023+0.0160
300	861017	0.0163+0.0038	0.0009+0.0043	0.0090+0.0053	0.0000+0.0065	0.0248+0.0261	0.0090+0.0183
300	861023	0.0237+0.0042	0.0012+0.0046	0.0112+0.0057	0.0000+0.0068	0.0420+0.0277	0.0167+0.0194
300	861029	0.0355+0.0042	0.0000+0.0038	0.0015+0.0047	0.0000+0.0057	0.0000+0.0233	0.0262+0.0162
300	861104	0.0078+0.0034	0.0090+0.0043	0.0049+0.0052	0.0033+0.0062	0.0000+0.0253	0.0258+0.0178
300	861110	0.0037+0.0031	0.0043+0.0038	0.0066+0.0047	0.0038+0.0057	0.0000+0.0232	0.0110+0.0162
300	861116	0.0053+0.0031	0.0082+0.0038	0.0034+0.0047	0.0078+0.0058	0.0250+0.0228	0.0213+0.0162
300	861122	0.0029+0.0029	0.0001+0.0037	0.0025+0.0044	0.0029+0.0054	0.0232+0.0219	0.0000+0.0153
300	861128	0.0000+0.0029	0.0032+0.0038	0.0076+0.0047	0.0000+0.0056	0.0222+0.0226	0.0222+0.0160
300	861204	0.0059+0.0032	0.0022+0.0038	0.0003+0.0047	0.0001+0.0057	0.0000+0.0236	0.0161+0.0163
300	861210	0.0035+0.0030	0.0012+0.0037	0.0043+0.0044	0.0059+0.0055	0.0239+0.0220	0.0000+0.0157
300	861216	0.0038+0.0031	0.0034+0.0038	0.0056+0.0047	0.0000+0.0056	0.0397+0.0229	0.0000+0.0162
300	861222	0.0046+0.0031	0.0000+0.0038	0.0084+0.0047	0.0016+0.0057	0.0000+0.0237	0.0000+0.0160
300	861228	0.0040+0.0033	0.0000+0.0040	0.0013+0.0049	0.0000+0.0059	0.0000+0.0244	0.0183+0.0170

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	PD	AG	CD	IN	SN	SB
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860114	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.0009+0.0157	0.0000+0.0210	0.0000+0.0279	0.0193+0.0355	0.0331+0.0427	0.0000+0.0935
300	860126	0.0158+0.0154	0.0039+0.0204	0.0000+0.0268	0.0000+0.0336	0.0464+0.0413	0.1024+0.0922
300	860201	0.0162+0.0163	0.0024+0.0208	0.0469+0.0284	0.0125+0.0347	0.0232+0.0418	0.0624+0.0934
300	860207	0.0087+0.0159	0.0058+0.0212	0.0377+0.0287	0.0000+0.0350	0.0320+0.0427	0.0046+0.0941
300	860213	0.0056+0.0155	0.0144+0.0208	0.0000+0.0270	0.0000+0.0339	0.0103+0.0412	0.0000+0.0901
300	860219	0.0000+0.0148	0.0387+0.0210	0.0000+0.0264	0.0004+0.0333	0.0000+0.0395	0.1164+0.0910
300	860225	0.0150+0.0161	0.0074+0.0213	0.0000+0.0278	0.0000+0.0348	0.0000+0.0423	0.0000+0.0935
300	860303	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.0240+0.0161	0.0324+0.0215	0.0076+0.0276	0.0000+0.0345	0.0000+0.0412	0.0000+0.0921
300	860321	0.0029+0.0164	0.0070+0.0222	0.0145+0.0293	0.0270+0.0370	0.0062+0.0442	0.1289+0.1002
300	860327	0.0166+0.0168	0.0000+0.0221	0.0000+0.0290	0.0640+0.0378	0.0157+0.0443	0.0335+0.0985
300	860402	0.0047+0.0164	0.0000+0.0224	0.0000+0.0293	0.0000+0.0365	0.0000+0.0434	0.0000+0.0968
300	860408	0.0178+0.0159	0.0000+0.0212	0.0082+0.0283	0.0000+0.0347	0.0337+0.0423	0.0420+0.0951
300	860414	0.0026+0.0152	0.0000+0.0207	0.0000+0.0269	0.0020+0.0339	0.0329+0.0410	0.0000+0.0902
300	860420	0.0000+0.0162	0.0022+0.0224	0.0000+0.0293	0.0176+0.0366	0.0000+0.0434	0.0000+0.0977
300	860426	0.0151+0.0149	0.0000+0.0198	0.0000+0.0260	0.0000+0.0324	0.0528+0.0399	0.0000+0.0871
300	860502	0.0000+0.0156	0.0000+0.0220	0.0000+0.0288	0.0071+0.0364	0.0000+0.0432	0.0000+0.0961
300	860508	0.0098+0.0173	0.0000+0.0234	0.0000+0.0311	0.0000+0.0381	0.0015+0.0462	0.0000+0.1034
300	860514	0.0176+0.0173	0.0000+0.0228	0.0000+0.0305	0.0125+0.0381	0.0143+0.0461	0.0000+0.1024
300	860520	0.0222+0.0163	0.0106+0.0220	0.0000+0.0287	0.0000+0.0352	0.0423+0.0431	0.0000+0.0946
300	860526	0.0169+0.0148	0.0000+0.0198	0.0000+0.0259	0.0207+0.0327	0.0000+0.0386	0.0297+0.0879
300	860601	0.0085+0.0167	0.0000+0.0227	0.0000+0.0299	0.0227+0.0377	0.0000+0.0445	0.0000+0.0997
300	860607	0.0261+0.0164	0.0174+0.0221	0.0055+0.0288	0.0000+0.0352	0.0000+0.0426	0.0558+0.0968
300	860613	0.0121+0.0168	0.0000+0.0229	0.0000+0.0299	0.0000+0.0370	0.0000+0.0443	0.0000+0.1004
300	860619	0.0209+0.0160	0.0000+0.0212	0.0000+0.0277	0.0000+0.0347	0.0000+0.0415	0.0000+0.0923
300	860625	0.0078+0.0153	0.0000+0.0206	0.0221+0.0280	0.0000+0.0342	0.0244+0.0411	0.0000+0.0915

## FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	PD	AG	CD	IN	SN	SB
300	860701	0.0000+0.0153	0.0000+0.0211	0.0113+0.0281	0.0137+0.0349	0.0000+0.0412	0.0000+0.0925
300	860707	0.0056+0.0149	0.0000+0.0200	0.0000+0.0265	0.0373+0.0338	0.0000+0.0393	0.0000+0.0892
300	860713	0.0036+0.0141	0.0173+0.0189	0.0358+0.0252	0.0317+0.0312	0.0300+0.0367	0.0821+0.0815
300	860719	0.0066+0.0167	0.0136+0.0220	0.0394+0.0298	0.0679+0.0373	0.0630+0.0443	0.1006+0.0975
300	860725	0.0038+0.0148	0.0000+0.0193	0.0000+0.0258	0.0012+0.0322	0.0723+0.0397	0.0542+0.0862
300	860731	0.0034+0.0160	0.0149+0.0211	0.0000+0.0277	0.0233+0.0350	0.0000+0.0429	0.0893+0.0930
300	860806	0.0120+0.0164	0.0291+0.0218	0.0000+0.0284	0.0322+0.0360	0.0000+0.0421	0.1357+0.0960
300	860812	0.0006+0.0162	0.0066+0.0213	0.0301+0.0290	0.0053+0.0354	0.0090+0.0425	0.0706+0.0947
300	860818	0.0000+0.0152	0.0239+0.0205	0.0082+0.0269	0.0164+0.0335	0.0407+0.0405	0.1228+0.0904
300	860824	0.0000+0.0159	0.0000+0.0211	0.0297+0.0288	0.0000+0.0350	0.0254+0.0425	0.0000+0.0965
300	860830	0.0063+0.0150	0.0000+0.0196	0.0221+0.0266	0.0000+0.0323	0.0351+0.0396	0.0784+0.0877
300	860905	0.0084+0.0156	0.0160+0.0204	0.0298+0.0274	0.0000+0.0334	0.0548+0.0408	0.0333+0.0889
300	860911	0.0000+0.0145	0.0317+0.0199	0.0051+0.0258	0.0034+0.0321	0.0547+0.0394	0.1569+0.0880
300	860917	0.0004+0.0139	0.0066+0.0185	0.0004+0.0246	0.0276+0.0310	0.0579+0.0375	0.0000+0.0845
300	860923	0.0148+0.0157	0.0089+0.0201	0.0000+0.0268	0.0247+0.0338	0.0557+0.0408	0.0822+0.0897
300	860929	0.0000+0.0143	0.0066+0.0190	0.0000+0.0250	0.0157+0.0316	0.0229+0.0378	0.0391+0.0835
300	861005	0.0019+0.0161	0.0000+0.0209	0.0097+0.0284	0.0165+0.0354	0.0485+0.0428	0.0602+0.0939
300	861011	0.0000+0.0142	0.0125+0.0195	0.0000+0.0255	0.0000+0.0319	0.0126+0.0385	0.1133+0.0868
300	861017	0.0142+0.0172	0.0170+0.0223	0.0022+0.0296	0.0481+0.0375	0.0729+0.0449	0.0813+0.0983
300	861023	0.0156+0.0180	0.0077+0.0234	0.0192+0.0314	0.0470+0.0393	0.0500+0.0469	0.1548+0.1049
300	861029	0.0075+0.0149	0.0000+0.0190	0.0000+0.0259	0.0194+0.0325	0.0000+0.0400	0.1395+0.0878
300	861104	0.0000+0.0161	0.0000+0.0212	0.0116+0.0286	0.0321+0.0359	0.0530+0.0432	0.1374+0.0960
300	861110	0.0000+0.0147	0.0000+0.0194	0.0000+0.0259	0.0137+0.0325	0.0628+0.0397	0.0000+0.0851
300	861116	0.0040+0.0149	0.0000+0.0193	0.0253+0.0262	0.0381+0.0327	0.0408+0.0390	0.0519+0.0860
300	861122	0.0157+0.0144	0.0048+0.0185	0.0000+0.0244	0.0069+0.0308	0.0558+0.0377	0.0474+0.0819
300	861128	0.0060+0.0147	0.0065+0.0191	0.0081+0.0257	0.0000+0.0316	0.0000+0.0380	0.1044+0.0859
300	861204	0.0072+0.0151	0.0050+0.0196	0.0000+0.0259	0.0081+0.0328	0.0000+0.0390	0.0189+0.0866
300	861210	0.0276+0.0148	0.0114+0.0188	0.0164+0.0251	0.0288+0.0313	0.0487+0.0377	0.1394+0.0844
300	861216	0.0066+0.0147	0.0116+0.0193	0.0000+0.0255	0.0000+0.0318	0.0019+0.0383	0.1128+0.0864
300	861222	0.0010+0.0148	0.0260+0.0199	0.0154+0.0263	0.0057+0.0325	0.0306+0.0391	0.0464+0.0863
300	861228	0.0000+0.0151	0.0000+0.0203	0.0384+0.0280	0.0012+0.0340	0.0269+0.0410	0.0000+0.0890

FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	BA	LA	HG	PB
300	860102	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860108	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860144	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860120	0.0511+0.1723	0.0716+0.3154	0.0004+0.0028	0.0676+0.0127
300	860126	0.1739+0.1671	0.0000+0.3017	0.0021+0.0028	0.0000+0.0107
300	860201	0.2414+0.1716	0.0000+0.3084	0.0036+0.0030	0.0354+0.0115
300	860207	0.0000+0.1708	0.3430+0.3185	0.0027+0.0030	0.0123+0.0112
300	860213	0.0202+0.1669	0.1434+0.3067	0.0030+0.0028	0.0126+0.0109
300	860219	0.0028+0.1625	0.2053+0.2996	0.0021+0.0028	0.0410+0.0112
300	860225	0.0537+0.1725	0.4891+0.3211	0.0030+0.0030	0.0256+0.0114
300	860303	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860309	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999	-9.999+-9.999
300	860315	0.1137+0.1696	0.3132+0.3119	0.0018+0.0028	0.0262+0.0113
300	860321	0.0731+0.1797	0.4260+0.3327	0.0038+0.0031	0.0188+0.0118
300	860327	0.1592+0.1808	0.0955+0.3290	0.0028+0.0031	0.0039+0.0116
300	860402	0.0240+0.1752	0.0413+0.3178	0.0000+0.0030	0.0294+0.0118
300	860408	0.2334+0.1700	0.1523+0.3052	0.0000+0.0028	0.0539+0.0119
300	860414	0.0000+0.1657	0.4801+0.3001	0.0000+0.0029	0.0443+0.0113
300	860420	0.0000+0.1778	0.5707+0.3228	0.0000+0.0030	0.0322+0.0118
300	860426	0.1523+0.1578	0.3991+0.2880	0.0000+0.0027	0.0538+0.0112
300	860502	0.1760+0.1747	0.2984+0.3168	0.0000+0.0030	0.0812+0.0130
300	860508	0.0280+0.1846	0.5934+0.3413	0.0000+0.0031	0.0518+0.0128
300	860514	0.2779+0.1888	0.3550+0.3339	0.0045+0.0034	0.1058+0.0147
300	860520	0.0789+0.1703	0.1394+0.3090	0.0000+0.0030	0.0736+0.0126
300	860526	0.0000+0.1539	0.0000+0.2883	0.0000+0.0027	0.0546+0.0111
300	860601	0.1465+0.1798	0.3633+0.3275	0.0000+0.0031	0.0586+0.0127
300	860607	0.0000+0.1744	0.3668+0.3124	0.0000+0.0030	0.0704+0.0125
300	860613	0.1074+0.1793	0.6402+0.3315	0.0000+0.0030	0.0912+0.0138
300	860619	0.1790+0.1687	0.0891+0.3035	0.0000+0.0028	0.0729+0.0125
300	860625	0.0000+0.1676	0.0000+0.3037	0.0035+0.0030	0.0751+0.0123

FINE PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	BA	LA	HG	PB
300	860701	0.1328+0.1668	0.0000+0.3089	0.0000+0.0029	0.0717+0.0124
300	860707	0.0000+0.1659	0.2332+0.2898	0.0000+0.0028	0.0490+0.0111
300	860713	0.1491+0.1492	0.4880+0.2761	0.0039+0.0026	0.0395+0.0104
300	860719	0.0886+0.1792	0.0000+0.3269	0.0018+0.0031	0.0427+0.0123
300	860725	0.0351+0.1589	0.0000+0.2832	0.0006+0.0028	0.0508+0.0112
300	860731	0.0639+0.1711	0.3761+0.3093	0.0041+0.0031	0.0537+0.0121
300	860806	0.0000+0.1782	0.1313+0.3135	0.0025+0.0031	0.0750+0.0131
300	860812	0.0338+0.1747	0.3090+0.3153	0.0061+0.0033	0.0715+0.0129
300	860818	0.2420+0.1669	0.4019+0.2984	0.0047+0.0029	0.0419+0.0114
300	860824	0.0000+0.1736	0.0000+0.3175	0.0000+0.0030	0.0331+0.0118
300	860830	0.0876+0.1618	0.4334+0.2931	0.0053+0.0029	0.0465+0.0113
300	860905	0.0574+0.1651	0.3671+0.2987	0.0026+0.0029	0.0496+0.0116
300	860911	0.2826+0.1617	0.3280+0.2870	0.0036+0.0029	0.0800+0.0123
300	860917	0.0000+0.1542	0.1766+0.2715	0.0018+0.0026	0.0528+0.0108
300	860923	0.2521+0.1675	0.2443+0.2972	0.0007+0.0028	0.0461+0.0115
300	860929	0.2783+0.1578	0.3282+0.2799	0.0019+0.0028	0.0574+0.0112
300	861005	0.0000+0.1716	0.1956+0.3115	0.0000+0.0028	0.0296+0.0117
300	861011	0.1672+0.1595	0.5235+0.2889	0.0000+0.0026	0.0189+0.0104
300	861017	0.2960+0.1840	0.0841+0.3243	0.0016+0.0031	0.0581+0.0129
300	861023	0.1330+0.1918	0.4531+0.3460	0.0000+0.0033	0.0848+0.0143
300	861029	0.1733+0.1606	0.1033+0.2852	0.0015+0.0028	0.1361+0.0148
300	861104	0.0923+0.1751	0.0000+0.3092	0.0000+0.0028	0.0283+0.0118
300	861110	0.1558+0.1609	0.1822+0.2868	0.0050+0.0029	0.0057+0.0104
300	861116	0.0955+0.1593	0.4043+0.2883	0.0038+0.0029	0.0753+0.0122
300	861122	0.1990+0.1535	0.3071+0.2741	0.0037+0.0028	0.0000+0.0098
300	861128	0.0498+0.1566	0.4932+0.2860	0.0028+0.0028	0.0389+0.0109
300	861204	0.0391+0.1611	0.0179+0.2880	0.0007+0.0028	0.0338+0.0110
300	861210	0.1516+0.1537	0.0000+0.2711	0.0006+0.0027	0.0340+0.0105
300	861216	0.2801+0.1607	0.1887+0.2833	0.0024+0.0028	0.0166+0.0105
300	861222	0.0000+0.1634	0.1036+0.2862	0.0024+0.0028	0.0319+0.0108
300	861228	0.0667+0.1679	0.5891+0.3069	0.0000+0.0028	0.0201+0.0111

## Part S

Major Ionic Species Present in Total Particle  
Concentrations Measured at Nine Sites in the  
South Coast Air Basin, 1986

This section contains data on the concentration of major ionic species measured in total particle samples at nine sites in the South Coast Air Basin during the year 1986. The sampling sites employed were located at Burbank, Downtown Los Angeles, Hawthorne, Long Beach, Anaheim, Rubidoux, Upland, Tanbark Flats, and San Nicolas Island. Measurements were made in 6-day intervals during 1986 in conjunction with the NASN sampling schedule. Tabulated values are the daily average concentrations (and  $1\sigma$  error bounds) for the following aerosol species:  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{=}$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ , and  $\text{Mg}^{++}$ .

Water soluble  $\text{Br}^-$  aerosol was measured but was present in quantities below its detection limit ( $0.2 \mu\text{g m}^{-3}$ ) in greater than 95% of the cases, and therefore is not reported.

For values less than the detection limit (noted by '<'), the nominal calculated concentration is reported and the error bound is equal to the detection limit determined for that sample. Therefore, in those cases the error bound is greater than the nominal measured concentration. Throughout these tables, missing data are indicated by the value  $-9.900 \pm -9.900$ .



TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	CL-	NO3-	SO4=	NH4+	NA+	MG++
069	860102	0.895+- 0.170	53.833+- 2.765	12.642+- 0.814	20.211+- 0.961	0.660+- 0.203	0.182+- 0.079
069	860108	0.485+- 0.152	2.554+- 0.255	1.443+- 0.151	0.387+- 0.064	< 0.120+- 0.322	0.130+- 0.067
069	860114	1.580+- 0.214	9.585+- 0.553	3.751+- 0.274	2.399+- 0.133	1.220+- 0.261	0.251+- 0.098
069	860120	0.854+- 0.171	28.157+- 1.472	11.587+- 0.750	11.985+- 0.575	0.918+- 0.231	0.192+- 0.083
069	860126	< 0.065+- 0.274	1.708+- 0.230	0.829+- 0.125	0.319+- 0.063	< 0.106+- 0.321	< 0.063+- 0.073
069	860201	2.397+- 0.275	7.311+- 0.448	2.726+- 0.217	2.464+- 0.136	2.282+- 0.388	0.288+- 0.108
069	860207	0.945+- 0.175	3.722+- 0.296	1.609+- 0.159	0.797+- 0.074	0.840+- 0.222	0.160+- 0.075
069	860213	0.490+- 0.151	5.936+- 0.385	1.559+- 0.155	2.366+- 0.131	< 0.008+- 0.318	< 0.027+- 0.072
069	860219	3.637+- 0.376	1.882+- 0.235	1.343+- 0.146	0.632+- 0.069	2.157+- 0.372	0.310+- 0.114
069	860225	< 0.054+- 0.273	9.056+- 0.528	2.480+- 0.203	2.527+- 0.138	< 0.248+- 0.320	0.297+- 0.110
069	860303	0.713+- 0.162	20.934+- 1.109	11.553+- 0.747	9.781+- 0.471	1.346+- 0.275	0.294+- 0.109
069	860309	2.367+- 0.271	6.330+- 0.401	1.854+- 0.169	1.425+- 0.093	2.272+- 0.385	0.205+- 0.085
069	860315	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
069	860321	< 0.000+- 0.273	1.771+- 0.231	1.139+- 0.137	0.513+- 0.066	< 0.010+- 0.320	0.075+- 0.054
069	860327	< 0.171+- 0.267	18.381+- 0.980	9.723+- 0.633	8.099+- 0.392	0.444+- 0.184	0.215+- 0.087
069	860402	1.421+- 0.203	2.485+- 0.253	3.743+- 0.274	0.680+- 0.070	2.345+- 0.396	0.209+- 0.087
069	860408	0.353+- 0.145	3.848+- 0.298	1.677+- 0.161	0.939+- 0.077	0.986+- 0.234	0.128+- 0.066
069	860414	0.756+- 0.163	13.649+- 0.748	3.950+- 0.285	4.278+- 0.216	1.659+- 0.310	0.231+- 0.092
069	860420	< 0.100+- 0.274	0.862+- 0.211	1.445+- 0.151	0.426+- 0.065	< 0.260+- 0.321	0.075+- 0.054
069	860426	1.542+- 0.208	13.655+- 0.746	6.533+- 0.438	3.563+- 0.183	3.304+- 0.518	0.469+- 0.156
069	860502	0.866+- 0.169	7.563+- 0.458	4.603+- 0.323	2.114+- 0.121	1.668+- 0.311	0.291+- 0.108
069	860508	1.949+- 0.239	12.933+- 0.712	3.638+- 0.266	2.680+- 0.144	2.743+- 0.445	0.395+- 0.136
069	860514	1.318+- 0.194	19.218+- 1.022	13.321+- 0.856	6.795+- 0.331	4.217+- 0.641	1.968+- 0.581
069	860520	1.036+- 0.177	21.118+- 1.117	13.348+- 0.857	7.792+- 0.378	3.379+- 0.529	1.315+- 0.395
069	860526	< 0.048+- 0.268	16.687+- 0.897	15.258+- 0.975	7.499+- 0.364	2.440+- 0.406	0.824+- 0.256
069	860601	0.346+- 0.145	10.002+- 0.571	16.372+- 1.045	6.649+- 0.325	1.549+- 0.296	0.943+- 0.290
069	860607	0.813+- 0.163	13.845+- 0.756	10.823+- 0.701	5.792+- 0.285	2.518+- 0.415	0.341+- 0.121
069	860613	1.484+- 0.202	14.274+- 0.776	7.915+- 0.522	4.603+- 0.230	3.436+- 0.534	0.428+- 0.144
069	860619	1.346+- 0.193	13.561+- 0.741	6.391+- 0.429	3.864+- 0.196	2.975+- 0.473	0.847+- 0.262
069	860625	0.776+- 0.160	18.813+- 1.001	12.554+- 0.808	8.284+- 0.400	1.851+- 0.330	0.354+- 0.124

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	Cl-	NO3-	SO4=	NH4+	NA+	MG++
069	860701	0.436+- 0.144	7.531+- 0.452	5.231+- 0.359	2.066+- 0.117	1.573+- 0.295	0.937+- 0.288
069	860707	0.956+- 0.172	6.064+- 0.389	2.819+- 0.220	1.269+- 0.087	1.736+- 0.317	0.211+- 0.087
069	860713	< 0.105+- 0.263	3.780+- 0.291	4.629+- 0.323	2.083+- 0.118	1.212+- 0.254	0.830+- 0.257
069	860719	0.849+- 0.165	6.604+- 0.412	3.764+- 0.273	1.309+- 0.088	2.146+- 0.367	1.336+- 0.401
069	860725	0.812+- 0.164	5.393+- 0.360	3.621+- 0.265	1.749+- 0.105	1.425+- 0.280	0.238+- 0.094
069	860731	0.567+- 0.151	15.730+- 0.849	12.342+- 0.795	7.804+- 0.378	0.781+- 0.211	0.223+- 0.090
069	860806	< 0.191+- 0.268	18.075+- 0.965	19.024+- 1.209	10.118+- 0.486	1.222+- 0.258	0.252+- 0.097
069	860812	0.603+- 0.153	12.478+- 0.690	11.051+- 0.715	5.856+- 0.288	0.998+- 0.233	0.286+- 0.106
069	860818	< 0.083+- 0.269	4.823+- 0.337	5.178+- 0.357	1.847+- 0.109	0.785+- 0.214	0.497+- 0.165
069	860824	0.409+- 0.145	18.996+- 1.010	10.579+- 0.686	7.437+- 0.361	2.451+- 0.406	0.464+- 0.155
069	860830	1.001+- 0.173	13.584+- 0.743	6.546+- 0.439	3.222+- 0.167	2.895+- 0.463	2.816+- 0.822
069	860905	< 0.086+- 0.264	19.207+- 1.021	9.409+- 0.614	6.084+- 0.298	1.557+- 0.294	0.403+- 0.138
069	860911	0.628+- 0.153	15.735+- 0.848	10.150+- 0.659	5.149+- 0.255	2.397+- 0.399	0.456+- 0.152
069	860917	1.156+- 0.183	4.980+- 0.341	2.036+- 0.177	0.833+- 0.073	1.145+- 0.248	0.235+- 0.092
069	860923	1.239+- 0.187	7.505+- 0.452	4.005+- 0.287	1.717+- 0.104	2.428+- 0.403	0.254+- 0.097
069	860929	0.298+- 0.142	12.703+- 0.700	3.556+- 0.261	3.832+- 0.195	1.027+- 0.236	2.522+- 0.739
069	861005	< 0.038+- 0.267	2.242+- 0.240	1.526+- 0.152	0.572+- 0.066	0.466+- 0.185	< 0.063+- 0.071
069	861011	< 0.067+- 0.265	5.066+- 0.344	9.321+- 0.608	3.899+- 0.198	0.632+- 0.197	0.095+- 0.057
069	861017	0.400+- 0.145	12.244+- 0.678	8.025+- 0.529	5.111+- 0.253	0.927+- 0.226	0.192+- 0.081
069	861023	0.589+- 0.153	17.477+- 0.936	7.286+- 0.484	6.181+- 0.303	1.376+- 0.275	0.364+- 0.127
069	861029	0.729+- 0.159	31.830+- 1.654	9.551+- 0.623	11.356+- 0.544	1.979+- 0.347	0.341+- 0.121
069	861104	0.755+- 0.160	21.974+- 1.159	5.083+- 0.351	5.859+- 0.288	1.501+- 0.288	0.340+- 0.121
069	861110	< 0.091+- 0.264	2.393+- 0.243	0.944+- 0.126	0.398+- 0.062	< 0.150+- 0.309	0.142+- 0.068
069	861116	< 0.038+- 0.264	11.784+- 0.655	2.196+- 0.185	3.821+- 0.194	< 0.166+- 0.310	-9.900+-9.900
069	861122	< 0.000+- 0.267	0.823+- 0.205	0.561+- 0.114	0.328+- 0.061	< 0.123+- 0.312	< 0.009+- 0.071
069	861128	< 0.227+- 0.264	12.565+- 0.693	1.861+- 0.168	3.342+- 0.173	0.469+- 0.183	0.136+- 0.067
069	861204	1.124+- 0.180	55.782+- 2.862	4.611+- 0.322	16.547+- 0.789	0.793+- 0.212	0.371+- 0.129
069	861210	< 0.202+- 0.263	13.616+- 0.744	2.018+- 0.176	4.781+- 0.238	< 0.202+- 0.309	0.094+- 0.057
069	861216	0.827+- 0.164	19.378+- 1.030	4.306+- 0.305	6.460+- 0.316	0.891+- 0.222	0.149+- 0.070
069	861222	0.542+- 0.149	9.624+- 0.551	2.263+- 0.188	3.251+- 0.169	0.359+- 0.176	0.105+- 0.060
069	861228	< 0.028+- 0.267	12.944+- 0.712	1.186+- 0.137	3.840+- 0.195	< 0.025+- 0.313	0.074+- 0.053

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	Cl-	NO3-	SO4=	NH4+	NA+	MG++
072 860102		1.383+- 0.200	24.941+- 1.309	8.730+- 0.573	9.352+- 0.451	1.322+- 0.271	0.206+- 0.086
072 860108		0.477+- 0.141	6.569+- 0.404	1.627+- 0.153	0.915+- 0.073	0.514+- 0.180	0.210+- 0.084
072 860114		3.417+- 0.357	10.103+- 0.577	4.630+- 0.325	2.392+- 0.132	2.934+- 0.472	0.381+- 0.133
072 860120		0.913+- 0.171	17.078+- 0.917	9.890+- 0.644	7.297+- 0.355	1.273+- 0.265	0.223+- 0.090
072 860126		0.488+- 0.151	6.005+- 0.388	1.929+- 0.173	1.093+- 0.082	0.421+- 0.184	0.128+- 0.066
072 860201		5.323+- 0.521	9.435+- 0.546	5.245+- 0.362	3.140+- 0.165	3.873+- 0.597	0.595+- 0.192
072 860207		2.679+- 0.296	3.601+- 0.289	2.001+- 0.177	0.520+- 0.066	1.683+- 0.312	0.874+- 0.270
072 860213	<	0.095+- 0.275	1.649+- 0.229	0.442+- 0.114	0.777+- 0.073	< 0.000+- 0.322	< 0.000+- 0.073
072 860219		5.903+- 0.571	0.882+- 0.210	2.209+- 0.188	0.485+- 0.066	3.377+- 0.530	0.475+- 0.159
072 860225		1.523+- 0.208	30.239+- 1.574	7.500+- 0.497	9.758+- 0.470	1.969+- 0.346	0.414+- 0.141
072 860303		0.663+- 0.160	12.052+- 0.672	10.010+- 0.652	6.311+- 0.309	1.276+- 0.267	0.160+- 0.074
072 860309		9.158+- 0.858	4.286+- 0.315	2.702+- 0.214	0.939+- 0.077	6.212+- 0.914	0.574+- 0.186
072 860315		4.580+- 0.456	2.915+- 0.265	1.939+- 0.174	0.818+- 0.074	3.350+- 0.526	0.225+- 0.091
072 860321		0.701+- 0.158	6.501+- 0.408	2.855+- 0.221	1.766+- 0.106	0.958+- 0.229	0.277+- 0.104
072 860327		0.535+- 0.152	26.215+- 1.372	26.381+- 1.666	16.711+- 0.796	0.798+- 0.215	0.226+- 0.091
072 860402		6.564+- 0.628	4.607+- 0.328	4.001+- 0.288	1.083+- 0.082	5.218+- 0.778	0.583+- 0.189
072 860408		1.787+- 0.227	3.624+- 0.290	2.578+- 0.207	1.107+- 0.082	1.631+- 0.306	0.218+- 0.089
072 860414		1.436+- 0.202	8.437+- 0.497	4.626+- 0.324	2.256+- 0.126	2.361+- 0.396	0.289+- 0.107
072 860420		0.951+- 0.172	4.095+- 0.307	3.474+- 0.257	1.472+- 0.095	1.114+- 0.246	0.192+- 0.082
072 860426		2.441+- 0.277	9.798+- 0.562	5.429+- 0.372	2.351+- 0.130	4.154+- 0.633	0.429+- 0.146
072 860502		3.372+- 0.352	9.976+- 0.570	5.146+- 0.355	1.773+- 0.106	4.116+- 0.628	0.561+- 0.182
072 860508		4.439+- 0.442	12.223+- 0.676	4.811+- 0.334	2.097+- 0.119	4.797+- 0.719	0.614+- 0.197
072 860514		2.388+- 0.272	8.906+- 0.519	8.661+- 0.568	3.113+- 0.163	4.442+- 0.672	1.317+- 0.396
072 860520		1.152+- 0.185	8.388+- 0.496	10.611+- 0.688	3.397+- 0.176	3.417+- 0.534	0.423+- 0.144
072 860526		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
072 860601		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
072 860607		-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
072 860613		1.914+- 0.237	12.220+- 0.678	8.921+- 0.585	3.538+- 0.182	5.279+- 0.786	1.694+- 0.503
072 860619		3.266+- 0.344	11.599+- 0.648	6.320+- 0.426	2.581+- 0.140	5.230+- 0.779	3.368+- 0.980
072 860625	<	0.461+- 0.600	12.643+- 0.830	18.137+- 1.195	7.198+- 0.375	1.858+- 0.486	0.403+- 0.176

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	Cl-	NO3-	SO4=	NH4+	NA+	MG++
072	860701	1.025+- 0.177	7.324+- 0.446	6.690+- 0.448	2.066+- 0.118	2.549+- 0.420	0.377+- 0.131
072	860707	2.294+- 0.266	5.947+- 0.386	4.879+- 0.340	1.396+- 0.093	2.699+- 0.441	0.320+- 0.116
072	860713	0.543+- 0.153	5.802+- 0.379	9.822+- 0.640	3.620+- 0.186	1.643+- 0.307	0.798+- 0.249
072	860719	2.572+- 0.286	10.450+- 0.592	6.170+- 0.416	2.209+- 0.124	3.898+- 0.598	0.473+- 0.157
072	860725	1.877+- 0.232	3.378+- 0.278	4.062+- 0.290	1.339+- 0.090	3.006+- 0.479	0.255+- 0.098
072	860731	< 0.173+- 0.271	8.507+- 0.501	22.785+- 1.443	8.664+- 0.419	1.085+- 0.244	0.275+- 0.104
072	860806	< 0.208+- 0.271	6.173+- 0.395	14.167+- 0.908	4.579+- 0.229	1.371+- 0.276	0.266+- 0.101
072	860812	0.667+- 0.156	9.137+- 0.529	12.874+- 0.828	4.624+- 0.231	1.886+- 0.335	0.309+- 0.112
072	860818	< 0.092+- 0.266	6.716+- 0.417	7.073+- 0.471	2.201+- 0.123	1.278+- 0.263	0.288+- 0.107
072	860824	0.451+- 0.148	9.234+- 0.535	10.369+- 0.673	3.555+- 0.183	3.462+- 0.540	0.444+- 0.150
072	860830	2.051+- 0.245	13.038+- 0.716	7.992+- 0.527	2.511+- 0.136	4.649+- 0.699	0.595+- 0.191
072	860905	0.492+- 0.149	14.326+- 0.780	15.295+- 0.978	6.339+- 0.310	2.308+- 0.389	0.420+- 0.143
072	860911	1.065+- 0.178	10.101+- 0.575	7.825+- 0.517	2.948+- 0.156	2.963+- 0.473	0.386+- 0.133
072	860917	2.787+- 0.304	7.025+- 0.432	3.619+- 0.265	1.260+- 0.087	2.968+- 0.475	0.406+- 0.139
072	860923	3.310+- 0.347	4.795+- 0.335	3.651+- 0.267	1.322+- 0.089	2.965+- 0.474	0.325+- 0.117
072	860929	0.719+- 0.160	10.005+- 0.571	4.699+- 0.329	2.462+- 0.135	1.897+- 0.338	0.444+- 0.150
072	861005	0.348+- 0.145	5.750+- 0.377	3.688+- 0.270	1.641+- 0.102	0.844+- 0.220	0.162+- 0.074
072	861011	0.777+- 0.164	4.792+- 0.336	5.818+- 0.396	2.524+- 0.138	1.306+- 0.268	0.140+- 0.069
072	861017	1.324+- 0.195	10.168+- 0.579	7.734+- 0.512	3.967+- 0.201	1.622+- 0.305	0.288+- 0.107
072	861023	1.274+- 0.192	13.126+- 0.722	7.564+- 0.501	4.992+- 0.248	2.084+- 0.361	0.315+- 0.114
072	861029	0.842+- 0.167	20.110+- 1.067	9.930+- 0.647	7.001+- 0.341	1.918+- 0.341	0.359+- 0.126
072	861104	1.963+- 0.240	14.856+- 0.807	6.109+- 0.413	3.787+- 0.193	2.990+- 0.478	0.430+- 0.146
072	861110	0.671+- 0.159	6.261+- 0.400	2.659+- 0.212	1.629+- 0.101	0.613+- 0.200	0.229+- 0.092
072	861116	0.729+- 0.161	25.876+- 1.355	4.006+- 0.288	8.506+- 0.411	0.688+- 0.205	0.194+- 0.082
072	861122	0.532+- 0.152	2.656+- 0.256	2.016+- 0.177	0.877+- 0.075	0.851+- 0.221	0.097+- 0.059
072	861128	0.828+- 0.166	23.736+- 1.248	3.942+- 0.284	7.130+- 0.347	0.979+- 0.233	0.226+- 0.091
072	861204	1.386+- 0.200	50.305+- 2.587	6.031+- 0.409	14.763+- 0.705	1.203+- 0.257	0.330+- 0.119
072	861210	1.401+- 0.201	23.240+- 1.224	5.160+- 0.356	7.749+- 0.376	0.714+- 0.208	0.305+- 0.112
072	861216	1.338+- 0.196	15.850+- 0.856	6.142+- 0.415	5.398+- 0.267	2.508+- 0.415	0.237+- 0.093
072	861222	1.193+- 0.186	11.084+- 0.622	3.905+- 0.281	3.787+- 0.193	1.088+- 0.243	0.171+- 0.076
072	861228	1.131+- 0.183	29.933+- 1.559	4.412+- 0.312	9.386+- 0.452	1.047+- 0.240	0.346+- 0.123

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	Cl-	NO3-	SO4=	NH4+	NA+	MG++
076	860102	1.734+- 0.220	22.317+- 1.175	8.297+- 0.545	8.685+- 0.419	1.853+- 0.329	0.271+- 0.101
076	860108	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
076	860114	4.448+- 0.441	11.472+- 0.638	4.560+- 0.318	3.062+- 0.160	3.159+- 0.497	0.559+- 0.181
076	860120	1.717+- 0.217	15.563+- 0.838	10.119+- 0.656	7.006+- 0.340	1.976+- 0.343	0.267+- 0.100
076	860126	0.894+- 0.162	1.850+- 0.220	0.985+- 0.124	0.333+- 0.059	0.475+- 0.178	0.097+- 0.056
076	860201	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
076	860207	1.820+- 0.224	3.319+- 0.269	1.828+- 0.163	0.765+- 0.069	1.305+- 0.260	0.192+- 0.080
076	860213	0.644+- 0.153	4.931+- 0.337	2.215+- 0.185	2.385+- 0.131	0.140+- 0.306	0.522+- 0.171
076	860219	3.929+- 0.485	0.601+- 0.800	1.627+- 0.252	0.463+- 0.125	1.866+- 0.463	0.310+- 0.147
076	860225	2.496+- 0.275	22.044+- 1.159	6.270+- 0.420	6.507+- 0.317	2.572+- 0.417	0.492+- 0.161
076	860303	1.500+- 0.203	10.583+- 0.596	8.893+- 0.581	5.551+- 0.273	2.078+- 0.356	0.209+- 0.085
076	860309	8.246+- 0.775	4.330+- 0.311	3.089+- 0.233	1.131+- 0.081	5.396+- 0.799	0.494+- 0.162
076	860315	6.706+- 0.638	3.344+- 0.271	2.329+- 0.190	1.158+- 0.081	4.202+- 0.636	0.364+- 0.126
076	860321	1.138+- 0.174	3.877+- 0.287	1.950+- 0.168	0.972+- 0.074	1.095+- 0.235	0.200+- 0.081
076	860327	0.203+- 0.252	14.036+- 0.762	17.472+- 1.111	9.694+- 0.466	0.645+- 0.192	0.136+- 0.065
076	860402	5.630+- 0.543	2.529+- 0.242	2.649+- 0.207	0.633+- 0.065	4.577+- 0.686	0.463+- 0.154
076	860408	2.247+- 0.256	2.173+- 0.229	2.054+- 0.175	0.753+- 0.068	1.722+- 0.310	0.204+- 0.083
076	860414	1.969+- 0.235	6.674+- 0.410	3.581+- 0.260	1.824+- 0.107	2.365+- 0.391	0.317+- 0.113
076	860420	1.617+- 0.208	3.637+- 0.279	3.408+- 0.249	1.264+- 0.084	1.629+- 0.298	0.240+- 0.092
076	860426	4.015+- 0.403	10.029+- 0.567	6.030+- 0.406	2.538+- 0.136	4.710+- 0.704	0.596+- 0.190
076	860502	6.435+- 0.613	9.797+- 0.555	5.781+- 0.390	2.216+- 0.122	5.574+- 0.822	0.745+- 0.232
076	860508	5.579+- 0.539	12.095+- 0.667	5.413+- 0.368	2.561+- 0.137	5.483+- 0.810	0.675+- 0.213
076	860514	2.734+- 0.295	8.896+- 0.513	11.064+- 0.714	3.750+- 0.190	4.901+- 0.730	1.586+- 0.471
076	860520	2.544+- 0.281	9.749+- 0.555	15.129+- 0.966	4.356+- 0.218	3.232+- 0.506	0.519+- 0.169
076	860526	0.232+- 0.253	7.603+- 0.452	15.871+- 1.012	4.994+- 0.247	3.059+- 0.482	1.347+- 0.403
076	860601	1.097+- 0.175	7.019+- 0.426	13.588+- 0.871	4.167+- 0.209	3.265+- 0.510	0.864+- 0.266
076	860607	4.242+- 0.423	10.168+- 0.574	7.870+- 0.518	3.012+- 0.157	4.913+- 0.733	1.361+- 0.407
076	860613	3.065+- 0.323	8.036+- 0.473	9.934+- 0.645	3.502+- 0.179	5.059+- 0.752	0.597+- 0.191
076	860619	7.901+- 0.744	12.434+- 0.683	7.479+- 0.494	2.705+- 0.144	8.357+- 1.206	0.898+- 0.276
076	860625	1.081+- 0.171	6.712+- 0.410	15.994+- 1.019	6.681+- 0.325	2.840+- 0.452	0.985+- 0.300

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	CL-	NO3-	SO4=	NH4+	NA+	MG++
076	860701	2.550+- 0.280	9.046+- 0.520	7.631+- 0.503	2.485+- 0.134	3.866+- 0.590	3.842+- 1.114
076	860707	2.378+- 0.268	3.439+- 0.276	3.446+- 0.253	0.873+- 0.073	2.449+- 0.403	0.234+- 0.091
076	860713	0.951+- 0.165	5.210+- 0.345	7.321+- 0.484	2.497+- 0.135	2.342+- 0.388	1.171+- 0.353
076	860719	4.692+- 0.461	8.879+- 0.512	4.751+- 0.329	1.655+- 0.100	5.471+- 0.808	0.695+- 0.218
076	860725	4.011+- 0.402	2.822+- 0.251	3.934+- 0.280	1.160+- 0.081	3.061+- 0.482	0.323+- 0.115
076	860731	< 0.121+- 0.255	3.475+- 0.275	13.355+- 0.856	4.050+- 0.204	1.468+- 0.280	0.188+- 0.079
076	860806	< 0.081+- 0.256	3.697+- 0.284	22.456+- 1.421	6.202+- 0.303	1.254+- 0.256	0.202+- 0.083
076	860812	< 0.234+- 0.256	5.034+- 0.339	11.951+- 0.769	3.522+- 0.180	2.035+- 0.350	0.249+- 0.095
076	860818	< 0.092+- 0.252	9.584+- 0.545	7.752+- 0.510	3.296+- 0.170	1.761+- 0.314	0.344+- 0.120
076	860824	< 0.154+- 0.256	8.239+- 0.483	12.244+- 0.787	4.507+- 0.225	2.624+- 0.425	0.339+- 0.119
076	860830	3.768+- 0.382	10.981+- 0.613	6.934+- 0.460	2.364+- 0.129	4.900+- 0.730	0.581+- 0.186
076	860905	0.501+- 0.143	9.139+- 0.525	11.348+- 0.732	4.321+- 0.216	2.263+- 0.378	0.317+- 0.113
076	860911	1.233+- 0.185	10.046+- 0.569	8.895+- 0.581	3.026+- 0.158	3.560+- 0.550	0.426+- 0.144
076	860917	3.105+- 0.326	7.152+- 0.431	3.364+- 0.247	1.303+- 0.086	3.057+- 0.482	0.636+- 0.202
076	860923	3.211+- 0.335	4.771+- 0.326	3.415+- 0.250	1.182+- 0.082	3.066+- 0.483	0.306+- 0.110
076	860929	0.820+- 0.158	8.090+- 0.475	3.759+- 0.270	2.377+- 0.130	1.513+- 0.285	0.296+- 0.108
076	861005	0.316+- 0.137	5.402+- 0.355	2.918+- 0.223	1.965+- 0.113	1.245+- 0.255	0.308+- 0.111
076	861011	0.593+- 0.148	3.033+- 0.260	5.317+- 0.363	1.957+- 0.112	2.105+- 0.359	0.099+- 0.057
076	861017	2.713+- 0.294	7.000+- 0.426	5.773+- 0.390	2.662+- 0.142	3.389+- 0.526	0.287+- 0.105
076	861023	1.531+- 0.206	10.448+- 0.590	6.506+- 0.436	3.902+- 0.198	2.119+- 0.362	0.293+- 0.107
076	861029	1.835+- 0.225	14.449+- 0.782	7.182+- 0.476	4.709+- 0.234	2.677+- 0.432	0.368+- 0.127
076	861104	3.163+- 0.331	15.916+- 0.855	7.045+- 0.467	4.690+- 0.233	3.473+- 0.537	0.480+- 0.158
076	861110	0.717+- 0.156	4.607+- 0.323	2.880+- 0.221	1.005+- 0.077	0.443+- 0.180	0.282+- 0.104
076	861116	0.531+- 0.144	27.766+- 1.447	4.832+- 0.333	9.596+- 0.461	0.534+- 0.183	0.264+- 0.099
076	861122	0.408+- 0.140	1.181+- 0.205	0.675+- 0.114	0.338+- 0.059	0.367+- 0.172	< 0.050+- 0.068
076	861128	1.391+- 0.191	10.033+- 0.566	2.479+- 0.196	2.388+- 0.129	1.297+- 0.258	0.229+- 0.089
076	861204	1.641+- 0.212	49.533+- 2.546	8.406+- 0.551	16.497+- 0.786	1.039+- 0.233	0.478+- 0.158
076	861210	1.087+- 0.174	19.519+- 1.034	3.724+- 0.269	6.720+- 0.327	0.838+- 0.212	0.483+- 0.159
076	861216	2.672+- 0.291	21.136+- 1.115	6.980+- 0.464	6.596+- 0.321	2.032+- 0.349	0.803+- 0.249
076	861222	2.674+- 0.292	8.968+- 0.518	3.664+- 0.265	3.094+- 0.161	1.696+- 0.308	0.434+- 0.146
076	861228	2.040+- 0.243	33.385+- 1.731	4.565+- 0.319	10.547+- 0.506	1.456+- 0.281	0.357+- 0.125

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	CL-	NO3-	SO4=	NH4+	NA+	MG++
087	860102	1.250+- 0.191	48.920+- 2.517	11.227+- 0.727	18.136+- 0.864	0.848+- 0.221	0.183+- 0.080
087	860108	< 0.218+- 0.270	3.614+- 0.289	1.280+- 0.142	0.507+- 0.065	< 0.140+- 0.316	0.115+- 0.063
087	860114	1.960+- 0.241	9.527+- 0.550	3.692+- 0.270	2.237+- 0.126	1.515+- 0.294	0.381+- 0.133
087	860120	0.901+- 0.171	21.615+- 1.143	12.363+- 0.797	10.087+- 0.485	1.081+- 0.245	0.283+- 0.106
087	860126	< 0.000+- 0.274	1.482+- 0.224	0.728+- 0.122	0.391+- 0.064	< 0.000+- 0.321	< 0.021+- 0.073
087	860201	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900
087	860207	0.992+- 0.177	3.588+- 0.291	1.507+- 0.154	0.738+- 0.072	0.829+- 0.220	0.142+- 0.070
087	860213	0.882+- 0.170	8.033+- 0.480	2.191+- 0.187	3.480+- 0.180	< 0.089+- 0.321	< 0.057+- 0.073
087	860219	5.973+- 0.577	1.718+- 0.230	2.044+- 0.180	0.648+- 0.069	3.367+- 0.529	0.781+- 0.245
087	860225	< 0.215+- 0.272	18.100+- 0.968	3.988+- 0.287	5.858+- 0.288	0.569+- 0.196	0.248+- 0.097
087	860303	0.891+- 0.171	19.140+- 1.020	11.541+- 0.746	8.777+- 0.424	1.400+- 0.280	0.196+- 0.083
087	860309	3.787+- 0.387	6.020+- 0.388	2.761+- 0.217	1.576+- 0.099	3.241+- 0.511	0.619+- 0.199
087	860315	3.228+- 0.341	4.256+- 0.315	1.682+- 0.161	1.114+- 0.083	2.870+- 0.463	0.183+- 0.080
087	860321	< 0.019+- 0.269	3.125+- 0.271	1.317+- 0.143	0.837+- 0.074	< 0.075+- 0.316	0.086+- 0.056
087	860327	< 0.194+- 0.271	16.668+- 0.896	8.700+- 0.571	6.698+- 0.327	0.601+- 0.198	0.134+- 0.067
087	860402	3.659+- 0.377	3.239+- 0.277	2.629+- 0.210	0.727+- 0.071	3.121+- 0.496	0.480+- 0.160
087	860408	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900	-9.900+- -9.900
087	860414	1.300+- 0.195	13.414+- 0.737	4.524+- 0.319	4.149+- 0.210	2.102+- 0.365	0.286+- 0.107
087	860420	0.420+- 0.147	1.519+- 0.222	1.586+- 0.156	0.751+- 0.071	0.351+- 0.178	0.098+- 0.059
087	860426	1.937+- 0.237	13.155+- 0.723	5.950+- 0.403	2.965+- 0.156	3.974+- 0.608	0.510+- 0.168
087	860502	1.391+- 0.199	8.330+- 0.492	2.331+- 0.193	2.098+- 0.119	2.193+- 0.374	0.334+- 0.119
087	860508	2.348+- 0.269	12.689+- 0.701	3.778+- 0.275	2.432+- 0.134	3.461+- 0.540	0.444+- 0.150
087	860514	2.208+- 0.259	16.388+- 0.883	12.640+- 0.814	5.433+- 0.268	4.774+- 0.717	2.970+- 0.866
087	860520	0.837+- 0.166	13.871+- 0.758	10.445+- 0.678	5.797+- 0.285	3.197+- 0.505	1.045+- 0.319
087	860526	< 0.134+- 0.272	16.651+- 0.896	15.365+- 0.983	7.459+- 0.362	3.064+- 0.488	1.496+- 0.447
087	860601	< 0.231+- 0.274	8.423+- 0.498	14.197+- 0.910	5.451+- 0.269	1.979+- 0.349	0.226+- 0.091
087	860607	1.433+- 0.204	13.815+- 0.757	10.078+- 0.656	4.420+- 0.222	3.328+- 0.524	0.970+- 0.298
087	860613	2.096+- 0.251	16.534+- 0.891	8.854+- 0.581	4.514+- 0.226	5.189+- 0.775	0.460+- 0.155
087	860619	1.834+- 0.231	15.323+- 0.830	6.811+- 0.456	3.401+- 0.176	4.437+- 0.672	0.525+- 0.173
087	860625	0.787+- 0.165	16.211+- 0.874	13.780+- 0.884	7.935+- 0.385	1.627+- 0.306	0.985+- 0.302

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	Cl-	NO3-	SO4=	NH4+	NA+	MG++
087	860701	0.403+- 0.147	10.518+- 0.596	6.532+- 0.439	2.597+- 0.141	2.248+- 0.382	1.817+- 0.538
087	860707	1.761+- 0.228	7.537+- 0.459	3.868+- 0.281	1.331+- 0.091	2.517+- 0.418	0.293+- 0.109
087	860713	0.551+- 0.155	7.988+- 0.479	6.278+- 0.424	2.881+- 0.153	1.872+- 0.337	1.385+- 0.416
087	860719	2.165+- 0.258	9.099+- 0.532	4.539+- 0.321	1.982+- 0.116	3.398+- 0.534	0.563+- 0.184
087	860725	1.958+- 0.240	6.073+- 0.391	5.219+- 0.360	1.944+- 0.114	2.511+- 0.416	0.311+- 0.113
087	860731	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
087	860806	0.330+- 0.148	15.742+- 0.852	19.860+- 1.262	8.127+- 0.394	1.970+- 0.349	0.251+- 0.098
087	860812	0.558+- 0.155	13.709+- 0.752	12.744+- 0.820	5.969+- 0.293	2.093+- 0.364	0.784+- 0.245
087	860818	< 0.207+- 0.275	6.093+- 0.393	5.118+- 0.354	3.595+- 0.185	1.662+- 0.311	0.259+- 0.100
087	860824	0.468+- 0.153	19.527+- 1.040	15.048+- 0.963	7.764+- 0.377	2.851+- 0.462	0.490+- 0.163
087	860830	1.127+- 0.183	18.618+- 0.993	7.575+- 0.502	3.672+- 0.188	4.408+- 0.667	0.553+- 0.180
087	860905	0.428+- 0.148	21.115+- 1.118	9.953+- 0.648	6.227+- 0.305	2.584+- 0.425	3.410+- 0.992
087	860911	0.756+- 0.162	17.353+- 0.930	10.962+- 0.710	5.270+- 0.261	3.167+- 0.501	0.489+- 0.162
087	860917	1.233+- 0.191	6.569+- 0.414	3.433+- 0.256	1.571+- 0.099	1.727+- 0.319	0.252+- 0.098
087	860923	2.156+- 0.254	6.307+- 0.400	3.894+- 0.281	1.751+- 0.106	2.442+- 0.406	0.237+- 0.093
087	860929	0.405+- 0.148	13.235+- 0.728	3.881+- 0.281	3.835+- 0.196	1.074+- 0.244	0.273+- 0.103
087	861005	< 0.014+- 0.271	3.749+- 0.295	1.809+- 0.167	1.112+- 0.083	< 0.228+- 0.318	0.097+- 0.059
087	861011	< 0.198+- 0.271	5.226+- 0.354	8.442+- 0.555	3.316+- 0.172	1.004+- 0.236	0.108+- 0.061
087	861017	0.870+- 0.169	12.632+- 0.699	7.130+- 0.475	4.796+- 0.239	1.324+- 0.271	0.245+- 0.096
087	861023	0.750+- 0.163	17.456+- 0.936	7.676+- 0.509	6.681+- 0.326	1.627+- 0.306	0.308+- 0.113
087	861029	0.721+- 0.161	31.872+- 1.657	10.365+- 0.673	11.164+- 0.536	2.252+- 0.383	0.369+- 0.129
087	861104	1.752+- 0.225	24.889+- 1.306	6.443+- 0.434	5.580+- 0.275	3.261+- 0.514	0.590+- 0.191
087	861110	< 0.174+- 0.272	3.130+- 0.273	1.479+- 0.152	0.670+- 0.070	< 0.256+- 0.319	0.217+- 0.089
087	861116	< 0.078+- 0.270	13.417+- 0.736	2.545+- 0.205	4.686+- 0.234	< 0.178+- 0.317	0.080+- 0.055
087	861122	< 0.000+- 0.271	1.419+- 0.221	1.083+- 0.134	0.554+- 0.067	< 0.130+- 0.317	< 0.026+- 0.072
087	861128	0.451+- 0.152	16.330+- 0.881	2.254+- 0.191	4.452+- 0.224	0.954+- 0.233	0.326+- 0.118
087	861204	1.055+- 0.179	57.761+- 2.963	5.467+- 0.375	16.972+- 0.809	0.738+- 0.210	0.358+- 0.126
087	861210	0.422+- 0.148	15.201+- 0.824	3.116+- 0.237	4.974+- 0.247	0.329+- 0.178	0.162+- 0.074
087	861216	0.961+- 0.175	21.694+- 1.147	5.370+- 0.369	7.342+- 0.357	1.304+- 0.269	0.285+- 0.107
087	861222	0.789+- 0.165	10.202+- 0.582	2.887+- 0.225	3.139+- 0.165	1.401+- 0.280	0.147+- 0.071
087	861228	0.369+- 0.148	24.363+- 1.281	2.219+- 0.189	7.303+- 0.355	0.439+- 0.188	0.165+- 0.076



TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	CL-	NO3-	SO4=	NH4+	NA+	MG++
144	860102	1.461+- 0.207	65.569+- 3.359	14.656+- 0.939	15.531+- 0.741	0.403+- 0.186	0.656+- 0.209
144	860108	1.127+- 0.183	0.833+- 0.209	1.804+- 0.167	< 0.096+- 0.118	< 0.017+- 0.318	0.461+- 0.155
144	860114	1.362+- 0.199	4.589+- 0.329	3.875+- 0.281	0.686+- 0.070	0.577+- 0.198	0.298+- 0.110
144	860120	0.914+- 0.173	59.920+- 3.073	13.437+- 0.864	20.434+- 0.972	< 0.134+- 0.323	0.276+- 0.104
144	860126	0.542+- 0.154	0.935+- 0.212	1.561+- 0.156	< 0.037+- 0.118	< 0.075+- 0.320	0.416+- 0.142
144	860201	2.049+- 0.250	16.140+- 0.873	4.344+- 0.309	3.869+- 0.198	1.093+- 0.249	0.290+- 0.109
144	860207	0.998+- 0.177	2.718+- 0.261	1.509+- 0.154	0.186+- 0.061	0.553+- 0.196	0.251+- 0.098
144	860213	0.420+- 0.150	6.482+- 0.410	1.543+- 0.156	1.499+- 0.097	< 0.000+- 0.322	< 0.070+- 0.073
144	860219	2.802+- 0.306	4.683+- 0.331	2.516+- 0.204	1.976+- 0.115	1.447+- 0.284	0.264+- 0.101
144	860225	0.675+- 0.158	30.689+- 1.597	2.920+- 0.226	4.826+- 0.240	0.385+- 0.181	0.771+- 0.241
144	860303	0.668+- 0.159	46.407+- 2.390	8.477+- 0.558	15.003+- 0.716	0.551+- 0.195	0.268+- 0.102
144	860309	4.742+- 0.469	4.352+- 0.317	2.346+- 0.194	0.962+- 0.077	2.996+- 0.478	0.299+- 0.110
144	860315	1.684+- 0.220	4.710+- 0.333	1.132+- 0.136	1.016+- 0.079	1.573+- 0.299	0.111+- 0.062
144	860321	< 0.171+- 0.267	8.383+- 0.494	1.729+- 0.162	0.571+- 0.066	< 0.022+- 0.313	0.279+- 0.104
144	860327	0.359+- 0.146	26.722+- 1.398	8.085+- 0.533	5.139+- 0.255	< 0.182+- 0.318	0.446+- 0.150
144	860402	3.191+- 0.337	9.714+- 0.557	5.521+- 0.377	3.514+- 0.181	2.843+- 0.458	0.405+- 0.139
144	860408	1.387+- 0.199	10.026+- 0.572	3.177+- 0.240	2.764+- 0.148	1.209+- 0.257	0.357+- 0.126
144	860414	1.093+- 0.180	19.389+- 1.031	4.547+- 0.319	4.796+- 0.239	1.320+- 0.268	0.381+- 0.132
144	860420	0.551+- 0.152	11.158+- 0.627	3.168+- 0.240	0.775+- 0.072	< 0.272+- 0.316	0.491+- 0.163
144	860426	0.966+- 0.175	26.239+- 1.374	9.079+- 0.595	7.552+- 0.367	2.648+- 0.434	0.624+- 0.200
144	860502	1.428+- 0.200	28.982+- 1.510	7.700+- 0.509	5.912+- 0.290	1.678+- 0.309	0.742+- 0.233
144	860508	2.522+- 0.283	17.683+- 0.946	4.617+- 0.324	1.968+- 0.114	2.082+- 0.361	0.729+- 0.229
144	860514	2.681+- 0.296	34.776+- 1.803	11.159+- 0.722	11.901+- 0.570	3.187+- 0.504	1.041+- 0.318
144	860520	2.024+- 0.245	20.435+- 1.084	8.067+- 0.532	5.678+- 0.280	2.555+- 0.421	2.040+- 0.602
144	860526	1.691+- 0.221	27.865+- 1.456	9.119+- 0.597	7.825+- 0.379	2.619+- 0.430	2.451+- 0.719
144	860601	2.575+- 0.289	33.285+- 1.729	12.065+- 0.779	11.520+- 0.553	2.070+- 0.361	1.237+- 0.374
144	860607	1.491+- 0.207	32.670+- 1.697	9.815+- 0.640	11.261+- 0.540	2.034+- 0.356	0.973+- 0.299
144	860613	1.567+- 0.214	32.675+- 1.698	9.517+- 0.622	8.151+- 0.395	2.408+- 0.404	0.810+- 0.253
144	860619	1.362+- 0.198	34.933+- 1.811	8.938+- 0.586	7.783+- 0.377	1.708+- 0.315	1.539+- 0.459
144	860625	0.736+- 0.162	36.650+- 1.898	12.381+- 0.798	12.676+- 0.607	1.452+- 0.286	1.048+- 0.320

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	Cl-	NO3-	SO4=	NH4+	NA+	MG++
144	860701	0.422+- 0.148	11.960+- 0.666	4.576+- 0.321	1.828+- 0.109	0.791+- 0.214	0.860+- 0.267
144	860707	0.563+- 0.156	15.006+- 0.816	4.664+- 0.328	3.507+- 0.181	1.677+- 0.313	1.035+- 0.317
144	860713	0.406+- 0.148	10.675+- 0.604	5.385+- 0.370	2.850+- 0.152	0.767+- 0.214	0.516+- 0.170
144	860719	0.644+- 0.159	18.792+- 1.003	4.708+- 0.330	2.468+- 0.136	2.287+- 0.389	0.812+- 0.253
144	860725	0.978+- 0.174	14.755+- 0.802	4.586+- 0.322	4.003+- 0.203	0.723+- 0.209	0.364+- 0.128
144	860731	0.425+- 0.149	39.847+- 2.059	13.811+- 0.886	9.595+- 0.462	1.075+- 0.244	2.461+- 0.722
144	860806	0.556+- 0.154	26.138+- 1.369	8.703+- 0.571	7.927+- 0.384	1.285+- 0.267	0.385+- 0.134
144	860812	0.406+- 0.148	25.372+- 1.331	9.895+- 0.645	8.328+- 0.403	0.809+- 0.217	0.626+- 0.201
144	860818	0.414+- 0.148	11.414+- 0.639	5.416+- 0.372	1.813+- 0.108	0.920+- 0.228	0.746+- 0.234
144	860824	1.529+- 0.209	32.807+- 1.704	11.281+- 0.730	8.929+- 0.431	3.000+- 0.480	0.923+- 0.284
144	860830	0.795+- 0.164	23.533+- 1.238	6.843+- 0.458	3.302+- 0.172	1.515+- 0.292	0.819+- 0.255
144	860905	1.092+- 0.181	52.121+- 2.678	15.314+- 0.979	12.326+- 0.590	1.161+- 0.252	1.099+- 0.334
144	860911	2.023+- 0.246	32.329+- 1.681	8.995+- 0.590	9.136+- 0.441	2.480+- 0.413	0.920+- 0.284
144	860917	0.982+- 0.174	16.683+- 0.897	3.752+- 0.273	1.440+- 0.094	0.630+- 0.200	0.774+- 0.242
144	860923	2.219+- 0.259	8.192+- 0.485	3.293+- 0.246	2.042+- 0.117	2.568+- 0.422	0.343+- 0.122
144	860929	0.331+- 0.146	20.746+- 1.100	4.147+- 0.297	5.340+- 0.264	0.629+- 0.202	0.351+- 0.124
144	861005	< 0.153+- 0.270	6.026+- 0.388	2.170+- 0.185	0.758+- 0.072	< 0.152+- 0.317	0.347+- 0.123
144	861011	0.773+- 0.163	16.201+- 0.874	7.157+- 0.477	6.954+- 0.339	0.683+- 0.205	0.086+- 0.056
144	861017	0.740+- 0.162	29.417+- 1.534	7.926+- 0.524	10.460+- 0.503	0.867+- 0.223	0.273+- 0.103
144	861023	1.149+- 0.184	41.267+- 2.130	9.546+- 0.623	10.006+- 0.481	1.019+- 0.237	0.607+- 0.195
144	861029	0.757+- 0.163	119.516+- 6.089	26.733+- 1.688	7.048+- 0.343	0.856+- 0.221	0.784+- 0.245
144	861104	0.441+- 0.150	16.460+- 0.887	4.039+- 0.290	2.004+- 0.116	0.645+- 0.203	0.672+- 0.214
144	861110	< 0.109+- 0.273	0.779+- 0.209	0.913+- 0.128	< 0.065+- 0.119	< 0.000+- 0.320	0.263+- 0.101
144	861116	0.531+- 0.152	17.976+- 0.961	3.326+- 0.249	2.263+- 0.127	0.991+- 0.234	0.613+- 0.197
144	861122	< 0.000+- 0.270	0.512+- 0.203	0.778+- 0.122	0.293+- 0.062	< 0.055+- 0.317	< 0.020+- 0.072
144	861128	0.319+- 0.143	11.868+- 0.660	2.097+- 0.181	1.603+- 0.100	< 0.144+- 0.313	0.375+- 0.131
144	861204	1.488+- 0.208	22.691+- 1.197	3.694+- 0.271	4.312+- 0.217	0.334+- 0.181	0.850+- 0.264
144	861210	< 0.004+- 0.268	< 0.000+- 0.387	0.545+- 0.114	0.235+- 0.061	< 0.007+- 0.314	0.080+- 0.055
144	861216	0.416+- 0.147	4.391+- 0.319	3.937+- 0.284	1.089+- 0.082	< 0.051+- 0.316	0.303+- 0.111
144	861222	0.492+- 0.152	6.136+- 0.394	3.080+- 0.235	1.055+- 0.081	< 0.048+- 0.320	0.296+- 0.110
144	861228	< 0.055+- 0.276	6.405+- 0.408	1.476+- 0.153	0.879+- 0.076	0.905+- 0.228	0.310+- 0.114

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	Cl-	NO3-	SO4=	NH4+	NA+	MG++
175	860102	1.294+- 0.196	82.620+- 4.222	14.021+- 0.900	30.094+- 1.428	< 0.242+- 0.324	0.118+- 0.064
175	860108	< 0.034+- 0.272	9.535+- 0.550	0.779+- 0.123	1.814+- 0.109	< 0.000+- 0.319	0.129+- 0.066
175	860114	0.621+- 0.157	3.944+- 0.303	2.205+- 0.188	1.142+- 0.084	0.406+- 0.184	0.116+- 0.063
175	860120	0.641+- 0.160	62.025+- 3.180	12.996+- 0.836	23.437+- 1.114	< 0.080+- 0.324	0.173+- 0.078
175	860126	< 0.004+- 0.281	5.570+- 0.374	0.277+- 0.112	0.925+- 0.078	< 0.000+- 0.330	0.096+- 0.060
175	860201	1.382+- 0.205	13.560+- 0.748	2.710+- 0.218	4.626+- 0.232	1.100+- 0.252	0.197+- 0.085
175	860207	0.455+- 0.156	2.137+- 0.249	0.432+- 0.117	0.164+- 0.063	< 0.230+- 0.333	0.263+- 0.102
175	860213	< 0.205+- 0.280	7.035+- 0.437	1.240+- 0.144	2.596+- 0.142	< 0.000+- 0.328	< 0.027+- 0.074
175	860219	1.829+- 0.230	4.526+- 0.325	1.996+- 0.176	1.567+- 0.099	1.218+- 0.258	0.175+- 0.078
175	860225	< 0.000+- 0.272	18.587+- 0.992	1.553+- 0.155	5.305+- 0.263	< 0.070+- 0.319	0.260+- 0.100
175	860303	< 0.000+- 0.279	29.871+- 1.558	9.147+- 0.600	11.473+- 0.551	0.589+- 0.202	0.150+- 0.073
175	860309	5.268+- 0.517	7.121+- 0.442	3.000+- 0.233	2.102+- 0.121	4.564+- 0.692	0.388+- 0.136
175	860315	1.508+- 0.211	4.657+- 0.335	0.692+- 0.123	1.203+- 0.087	1.353+- 0.278	< 0.052+- 0.074
175	860321	< 0.000+- 0.271	2.232+- 0.243	0.516+- 0.114	0.473+- 0.065	< 0.070+- 0.318	0.074+- 0.054
175	860327	< 0.165+- 0.272	7.997+- 0.478	3.657+- 0.268	2.604+- 0.141	< 0.091+- 0.319	0.147+- 0.071
175	860402	1.661+- 0.218	7.744+- 0.465	5.018+- 0.347	2.231+- 0.125	2.784+- 0.451	0.288+- 0.107
175	860408	< 0.144+- 0.272	9.004+- 0.525	2.831+- 0.221	2.850+- 0.152	1.130+- 0.250	0.159+- 0.074
175	860414	0.415+- 0.148	16.112+- 0.869	3.799+- 0.276	4.993+- 0.248	1.544+- 0.296	0.535+- 0.175
175	860420	< 0.039+- 0.270	2.319+- 0.244	1.110+- 0.135	0.639+- 0.068	< 0.060+- 0.316	0.139+- 0.069
175	860426	0.367+- 0.146	18.320+- 0.978	7.956+- 0.525	5.499+- 0.271	2.820+- 0.455	0.426+- 0.145
175	860502	0.511+- 0.152	21.760+- 1.150	6.699+- 0.449	6.802+- 0.332	1.563+- 0.298	0.339+- 0.121
175	860508	0.446+- 0.151	15.248+- 0.828	3.000+- 0.232	3.255+- 0.170	1.768+- 0.324	0.344+- 0.123
175	860514	< 0.220+- 0.272	15.508+- 0.840	10.530+- 0.684	6.191+- 0.303	3.025+- 0.483	0.904+- 0.279
175	860520	0.572+- 0.155	16.988+- 0.913	8.805+- 0.578	5.200+- 0.258	1.900+- 0.339	1.450+- 0.434
175	860526	0.401+- 0.148	23.008+- 1.212	9.305+- 0.608	7.064+- 0.344	2.456+- 0.409	1.217+- 0.368
175	860601	< 0.157+- 0.277	14.759+- 0.804	12.097+- 0.781	6.681+- 0.326	2.410+- 0.405	1.075+- 0.328
175	860607	0.417+- 0.151	20.335+- 1.080	9.734+- 0.635	7.475+- 0.363	2.059+- 0.360	0.289+- 0.108
175	860613	< 0.240+- 0.278	18.490+- 0.989	9.058+- 0.594	6.129+- 0.301	2.376+- 0.401	2.274+- 0.669
175	860619	< 0.060+- 0.277	13.428+- 0.739	6.487+- 0.437	3.897+- 0.199	2.376+- 0.401	1.560+- 0.466
175	860625	< 0.019+- 0.277	17.746+- 0.951	11.747+- 0.759	7.719+- 0.375	0.639+- 0.204	1.524+- 0.455

## TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	CL-	NO3-	SO4=	NH4+	NA+	MG++
175 860701	< 0.024+- 0.273	7.590+- 0.460	4.484+- 0.316	2.063+- 0.119	1.696+- 0.315	0.229+- 0.092	
175 860707	< 0.283+- 0.286	10.507+- 0.601	4.340+- 0.310	2.419+- 0.135	1.209+- 0.265	2.633+- 0.772	
175 860713	< 0.192+- 0.275	8.475+- 0.501	5.470+- 0.375	2.707+- 0.146	0.885+- 0.226	4.563+- 1.321	
175 860719	< 0.029+- 0.277	5.156+- 0.354	3.045+- 0.234	1.564+- 0.100	0.779+- 0.217	0.228+- 0.092	
175 860725	0.357+- 0.147	8.951+- 0.523	4.354+- 0.309	2.465+- 0.136	0.918+- 0.229	0.293+- 0.109	
175 860731	< 0.000+- 0.275	14.365+- 0.784	10.052+- 0.655	5.554+- 0.274	1.204+- 0.259	0.268+- 0.102	
175 860806	< 0.000+- 0.277	14.344+- 0.784	10.201+- 0.664	5.745+- 0.283	1.127+- 0.252	0.205+- 0.086	
175 860812	< 0.000+- 0.274	8.573+- 0.505	8.445+- 0.556	3.721+- 0.191	0.462+- 0.189	0.267+- 0.102	
175 860818	< 0.000+- 0.271	5.092+- 0.349	3.830+- 0.278	1.527+- 0.097	0.433+- 0.185	0.261+- 0.100	
175 860824	< 0.110+- 0.274	18.633+- 0.995	10.094+- 0.657	5.330+- 0.264	2.850+- 0.461	0.590+- 0.191	
175 860830	< 0.000+- 0.270	9.404+- 0.543	5.642+- 0.385	2.749+- 0.147	1.145+- 0.250	0.227+- 0.091	
175 860905	< 0.049+- 0.274	27.949+- 1.460	11.716+- 0.757	9.965+- 0.480	0.800+- 0.217	0.380+- 0.132	
175 860911	0.532+- 0.155	25.742+- 1.350	9.544+- 0.623	6.083+- 0.299	2.299+- 0.390	0.421+- 0.144	
175 860917	< 0.120+- 0.273	9.473+- 0.547	2.656+- 0.212	1.954+- 0.114	1.139+- 0.251	0.208+- 0.086	
175 860923	1.035+- 0.180	6.269+- 0.401	3.106+- 0.238	1.705+- 0.105	1.620+- 0.307	0.249+- 0.097	
175 860929	< 0.000+- 0.276	16.120+- 0.871	3.914+- 0.284	5.137+- 0.255	0.651+- 0.205	0.143+- 0.070	
175 861005	< 0.000+- 0.273	2.322+- 0.246	1.402+- 0.148	0.680+- 0.070	< 0.079+- 0.320	< 0.042+- 0.072	
175 861011	< 0.120+- 0.274	8.363+- 0.496	9.455+- 0.618	4.871+- 0.243	1.801+- 0.328	3.997+- 1.160	
175 861017	< 0.110+- 0.274	16.850+- 0.906	8.291+- 0.546	6.307+- 0.309	0.969+- 0.234	0.175+- 0.078	
175 861023	< 0.242+- 0.275	27.487+- 1.437	8.371+- 0.551	10.937+- 0.525	0.910+- 0.228	0.209+- 0.087	
175 861029	< 0.130+- 0.275	81.701+- 4.175	15.952+- 1.019	5.575+- 0.275	0.615+- 0.201	0.342+- 0.122	
175 861104	< 0.000+- 0.275	16.125+- 0.871	2.224+- 0.189	3.943+- 0.201	0.574+- 0.198	0.198+- 0.084	
175 861110	< 0.000+- 0.273	7.632+- 0.461	0.559+- 0.116	1.812+- 0.109	< 0.081+- 0.320	0.130+- 0.067	
175 861116	< 0.049+- 0.273	14.261+- 0.778	1.508+- 0.153	4.207+- 0.212	< 0.098+- 0.320	0.103+- 0.060	
175 861122	< 0.000+- 0.274	14.761+- 0.803	3.030+- 0.233	5.183+- 0.257	< 0.123+- 0.321	< 0.065+- 0.073	
175 861128	< 0.000+- 0.270	10.651+- 0.602	0.648+- 0.118	2.768+- 0.148	0.937+- 0.229	0.096+- 0.059	
175 861204	0.496+- 0.153	38.098+- 1.971	1.909+- 0.173	11.169+- 0.536	< 0.174+- 0.323	0.198+- 0.084	
175 861210	< 0.000+- 0.274	13.664+- 0.750	1.086+- 0.135	4.686+- 0.234	< 0.032+- 0.321	< 0.042+- 0.073	
175 861216	< 0.165+- 0.274	11.338+- 0.637	2.188+- 0.187	3.904+- 0.199	< 0.184+- 0.322	0.103+- 0.061	
175 861222	< 0.000+- 0.277	5.529+- 0.370	1.517+- 0.155	1.968+- 0.115	< 0.000+- 0.325	< 0.054+- 0.074	
175 861228	< 0.000+- 0.276	16.499+- 0.889	1.113+- 0.137	5.164+- 0.256	0.693+- 0.208	< 0.065+- 0.073	

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	CL-	NO3-	SO4=	NH4+	NA+	MG++
176	860102	0.899+- 0.166	31.356+- 1.629	10.772+- 0.697	12.951+- 0.619	0.799+- 0.211	0.112+- 0.061
176	860108	< 0.000+- 0.260	1.489+- 0.215	0.476+- 0.109	0.144+- 0.058	< 0.000+- 0.305	< 0.060+- 0.069
176	860114	2.333+- 0.266	5.939+- 0.380	3.771+- 0.272	1.471+- 0.094	1.794+- 0.322	0.261+- 0.099
176	860120	1.157+- 0.184	17.436+- 0.934	9.780+- 0.637	7.856+- 0.381	1.092+- 0.244	0.198+- 0.083
176	860126	0.304+- 0.140	16.469+- 0.884	2.198+- 0.185	4.852+- 0.241	0.630+- 0.196	0.381+- 0.132
176	860201	4.422+- 0.440	7.210+- 0.437	3.405+- 0.251	2.500+- 0.136	3.461+- 0.538	0.416+- 0.141
176	860207	1.325+- 0.192	2.230+- 0.237	1.211+- 0.137	0.353+- 0.061	0.889+- 0.220	0.182+- 0.078
176	860213	< 0.248+- 0.265	8.252+- 0.487	1.381+- 0.145	3.137+- 0.164	< 0.026+- 0.311	< 0.044+- 0.070
176	860219	4.944+- 0.484	2.136+- 0.232	1.843+- 0.165	0.752+- 0.069	2.989+- 0.474	0.463+- 0.154
176	860225	0.772+- 0.157	21.890+- 1.153	4.993+- 0.344	6.371+- 0.311	1.259+- 0.257	0.370+- 0.128
176	860303	0.444+- 0.145	12.477+- 0.688	7.932+- 0.523	5.638+- 0.277	1.044+- 0.236	0.170+- 0.075
176	860309	7.537+- 0.713	3.628+- 0.285	2.610+- 0.207	0.669+- 0.068	5.433+- 0.805	0.518+- 0.170
176	860315	2.568+- 0.285	2.617+- 0.249	1.274+- 0.139	0.445+- 0.063	2.013+- 0.349	0.107+- 0.060
176	860321	< 0.066+- 0.261	4.312+- 0.311	1.648+- 0.156	1.248+- 0.086	< 0.200+- 0.306	0.118+- 0.062
176	860327	< 0.206+- 0.261	25.900+- 1.355	20.434+- 1.296	14.279+- 0.682	0.605+- 0.193	0.204+- 0.084
176	860402	4.414+- 0.438	4.496+- 0.318	3.877+- 0.278	1.013+- 0.077	4.393+- 0.663	0.472+- 0.157
176	860408	0.467+- 0.145	3.022+- 0.263	2.117+- 0.180	0.904+- 0.074	1.099+- 0.242	0.147+- 0.069
176	860414	0.734+- 0.152	7.308+- 0.438	3.141+- 0.234	2.018+- 0.114	1.844+- 0.324	0.257+- 0.097
176	860420	0.413+- 0.137	2.203+- 0.228	1.865+- 0.164	1.107+- 0.079	0.421+- 0.172	0.286+- 0.104
176	860426	1.001+- 0.170	9.666+- 0.551	6.600+- 0.441	2.332+- 0.128	3.128+- 0.492	0.447+- 0.149
176	860502	2.279+- 0.260	7.081+- 0.430	5.244+- 0.359	1.732+- 0.103	2.609+- 0.424	0.590+- 0.189
176	860508	3.030+- 0.321	9.285+- 0.534	3.052+- 0.231	1.578+- 0.098	3.180+- 0.500	0.516+- 0.169
176	860514	2.331+- 0.264	10.959+- 0.613	8.046+- 0.529	2.841+- 0.150	4.232+- 0.640	1.270+- 0.382
176	860520	0.440+- 0.142	7.740+- 0.460	9.387+- 0.611	3.309+- 0.171	3.506+- 0.543	1.311+- 0.393
176	860526	< 0.155+- 0.256	3.706+- 0.285	1.653+- 0.155	0.652+- 0.066	0.648+- 0.194	1.643+- 0.487
176	860601	1.162+- 0.180	7.489+- 0.449	7.210+- 0.478	2.699+- 0.144	2.804+- 0.450	1.550+- 0.461
176	860607	1.749+- 0.219	8.836+- 0.510	6.069+- 0.408	2.133+- 0.119	3.478+- 0.538	0.989+- 0.302
176	860613	1.131+- 0.177	10.842+- 0.607	8.326+- 0.546	3.711+- 0.189	3.340+- 0.520	0.430+- 0.145
176	860619	1.673+- 0.214	10.611+- 0.596	6.076+- 0.409	2.268+- 0.125	4.100+- 0.622	1.832+- 0.541
176	860625	0.449+- 0.142	7.942+- 0.470	13.616+- 0.873	5.515+- 0.271	1.445+- 0.278	1.632+- 0.484

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	Cl-	NO3-	SO4=	NH4+	NA+	MG++
176	860701	0.947+- 0.165	7.173+- 0.433	5.541+- 0.376	1.435+- 0.091	2.542+- 0.414	0.334+- 0.118
176	860707	0.884+- 0.164	5.829+- 0.375	4.979+- 0.343	1.436+- 0.092	3.037+- 0.481	0.766+- 0.239
176	860713	0.304+- 0.138	4.080+- 0.301	6.630+- 0.443	2.428+- 0.132	1.292+- 0.261	0.208+- 0.085
176	860719	0.618+- 0.150	5.947+- 0.379	4.835+- 0.335	1.530+- 0.096	2.713+- 0.438	0.558+- 0.180
176	860725	0.947+- 0.167	3.812+- 0.290	5.280+- 0.361	1.697+- 0.102	2.358+- 0.391	0.216+- 0.087
176	860731	0.296+- 0.138	10.634+- 0.598	16.969+- 1.081	7.683+- 0.372	1.086+- 0.239	0.227+- 0.090
176	860806	0.391+- 0.143	6.025+- 0.385	8.532+- 0.560	2.681+- 0.144	1.555+- 0.294	0.211+- 0.086
176	860812	0.308+- 0.138	6.694+- 0.413	11.754+- 0.757	4.104+- 0.207	1.224+- 0.254	0.260+- 0.098
176	860818	0.434+- 0.143	6.145+- 0.389	5.008+- 0.345	2.873+- 0.152	1.302+- 0.263	0.323+- 0.116
176	860824	0.576+- 0.150	9.159+- 0.528	8.349+- 0.548	2.568+- 0.139	3.069+- 0.485	0.441+- 0.148
176	860830	0.830+- 0.160	11.512+- 0.640	8.267+- 0.543	2.399+- 0.131	3.933+- 0.600	0.492+- 0.162
176	860905	0.281+- 0.136	13.310+- 0.727	14.595+- 0.933	6.159+- 0.301	1.937+- 0.337	0.462+- 0.153
176	860911	0.846+- 0.162	11.525+- 0.641	7.081+- 0.470	2.676+- 0.143	2.989+- 0.475	0.460+- 0.153
176	860917	1.641+- 0.213	8.246+- 0.485	4.022+- 0.287	1.728+- 0.103	2.276+- 0.382	0.629+- 0.200
176	860923	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
176	860929	< 0.144+- 0.263	7.330+- 0.443	3.754+- 0.272	2.175+- 0.122	1.029+- 0.234	0.147+- 0.069
176	861005	< 0.024+- 0.259	5.460+- 0.358	3.665+- 0.266	1.729+- 0.103	1.917+- 0.336	0.322+- 0.115
176	861011	0.405+- 0.142	3.922+- 0.295	5.183+- 0.356	2.100+- 0.119	1.182+- 0.250	0.177+- 0.077
176	861017	0.746+- 0.156	7.233+- 0.437	5.499+- 0.374	2.818+- 0.149	1.139+- 0.244	0.186+- 0.079
176	861023	0.651+- 0.154	17.322+- 0.927	6.937+- 0.462	6.007+- 0.294	2.313+- 0.387	0.274+- 0.102
176	861029	0.846+- 0.162	31.697+- 1.646	14.680+- 0.939	12.665+- 0.606	2.616+- 0.425	0.376+- 0.130
176	861104	1.283+- 0.189	13.107+- 0.719	3.940+- 0.282	2.839+- 0.150	2.253+- 0.379	0.367+- 0.128
176	861110	< 0.205+- 0.260	3.319+- 0.272	1.241+- 0.137	0.526+- 0.064	0.852+- 0.215	0.177+- 0.077
176	861116	< 0.256+- 0.258	18.526+- 0.985	3.007+- 0.228	6.047+- 0.296	0.321+- 0.170	0.077+- 0.053
176	861122	< 0.245+- 0.257	10.710+- 0.601	3.425+- 0.252	4.012+- 0.202	0.496+- 0.182	0.241+- 0.093
176	861128	< 0.212+- 0.263	29.137+- 1.518	3.449+- 0.254	8.388+- 0.405	0.478+- 0.184	0.242+- 0.094
176	861204	1.137+- 0.179	5.457+- 0.359	4.125+- 0.293	12.483+- 0.597	0.745+- 0.205	0.260+- 0.099
176	861210	0.566+- 0.149	26.657+- 1.393	3.396+- 0.251	8.392+- 0.405	0.902+- 0.221	0.199+- 0.082
176	861216	0.908+- 0.165	11.860+- 0.657	3.638+- 0.264	3.909+- 0.198	1.049+- 0.235	0.207+- 0.084
176	861222	0.826+- 0.162	8.899+- 0.516	2.891+- 0.222	2.680+- 0.143	0.689+- 0.200	0.188+- 0.080
176	861228	0.286+- 0.138	28.249+- 1.473	3.070+- 0.232	8.798+- 0.424	< 0.031+- 0.305	0.166+- 0.074

## TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	Cl-	NO3-	SO4=	NH4+	NA+	MG++
200	860102	1.689+- 0.219	2.593+- 0.252	2.507+- 0.203	1.220+- 0.086	1.146+- 0.249	0.115+- 0.062
200	860108	2.148+- 0.253	2.702+- 0.256	1.069+- 0.133	0.273+- 0.061	1.563+- 0.297	0.209+- 0.086
200	860114	8.604+- 0.810	1.165+- 0.217	2.722+- 0.216	0.496+- 0.066	4.551+- 0.688	0.592+- 0.191
200	860120	12.274+- 1.138	2.326+- 0.248	2.663+- 0.213	0.425+- 0.065	7.159+- 1.045	0.764+- 0.240
200	860126	< 0.010+- 0.299	3.927+- 0.317	1.236+- 0.150	0.842+- 0.079	0.441+- 0.202	< 0.076+- 0.079
200	860201	28.365+- 2.585 <	0.394+- 0.396	3.986+- 0.288	< 0.055+- 0.119	16.196+- 2.298	1.806+- 0.535
200	860207	8.286+- 0.781	2.584+- 0.255	2.112+- 0.183	0.487+- 0.066	4.942+- 0.741	0.610+- 0.197
200	860213	0.312+- 0.146 <	0.000+- 0.395 <	0.000+- 0.206 <	0.000+- 0.119 <	0.000+- 0.321 <	0.009+- 0.073
200	860219	9.699+- 0.907 <	0.000+- 0.392	1.288+- 0.143 <	0.000+- 0.118	5.499+- 0.816	0.730+- 0.230
200	860225	19.395+- 1.777	2.523+- 0.253	4.575+- 0.322	0.610+- 0.069	13.381+- 1.906	1.488+- 0.445
200	860303	4.166+- 0.420	4.829+- 0.338	4.304+- 0.306	1.461+- 0.095	3.951+- 0.607	0.352+- 0.125
200	860309	< 0.000+- 0.273 <	0.150+- 0.394 <	0.150+- 0.205 <	0.029+- 0.118 <	0.000+- 0.320 <	0.000+- 0.072
200	860315	16.962+- 1.558 <	0.000+- 0.394	2.641+- 0.211 <	0.070+- 0.118	9.840+- 1.415	0.822+- 0.256
200	860321	3.909+- 0.398	3.623+- 0.291	1.952+- 0.175	0.537+- 0.067	3.509+- 0.547	0.352+- 0.125
200	860327	2.105+- 0.252	2.628+- 0.256	5.350+- 0.368	1.485+- 0.096	2.336+- 0.394	0.219+- 0.089
200	860402	30.917+- 2.815	0.958+- 0.213	5.130+- 0.355	0.232+- 0.062	18.921+- 2.676	1.914+- 0.566
200	860408	4.688+- 0.465	1.054+- 0.215	1.365+- 0.147	0.349+- 0.063	2.683+- 0.439	0.281+- 0.106
200	860414	5.541+- 0.539 <	0.000+- 0.395	1.789+- 0.167	0.552+- 0.067	3.703+- 0.574	0.402+- 0.139
200	860420	1.498+- 0.208	2.372+- 0.249	2.081+- 0.182	0.814+- 0.074	1.423+- 0.283	0.196+- 0.083
200	860426	23.589+- 2.155	3.548+- 0.289	4.585+- 0.323	0.490+- 0.066	13.881+- 1.976	1.709+- 0.508
200	860502	11.637+- 1.081	0.797+- 0.210	3.217+- 0.243	0.393+- 0.064	6.521+- 0.957	0.765+- 0.240
200	860508	5.631+- 0.547	2.230+- 0.244	3.969+- 0.286	0.493+- 0.066	8.823+- 1.274	1.406+- 0.422
200	860514	17.329+- 1.591	2.492+- 0.252	5.842+- 0.397	0.769+- 0.072	11.247+- 1.610	1.531+- 0.457
200	860520	12.345+- 1.144	1.175+- 0.218	4.442+- 0.314	0.619+- 0.069	8.233+- 1.193	1.673+- 0.497
200	860526	3.273+- 0.346	1.196+- 0.219	3.185+- 0.242	0.830+- 0.075	2.624+- 0.432	0.969+- 0.298
200	860601	7.829+- 0.741	0.927+- 0.213	2.384+- 0.198	0.406+- 0.065	4.764+- 0.717	1.883+- 0.557
200	860607	26.935+- 2.456	1.140+- 0.217	4.605+- 0.324	0.494+- 0.066	15.655+- 2.222	2.256+- 0.663
200	860613	14.112+- 1.303	4.090+- 0.313	5.264+- 0.364	0.969+- 0.080	10.117+- 1.455	2.193+- 0.646
200	860619	32.388+- 2.948	3.688+- 0.297	5.712+- 0.391	0.451+- 0.066	19.948+- 2.820	3.437+- 1.000
200	860625	4.361+- 0.439	1.742+- 0.235	4.121+- 0.297	1.055+- 0.082	3.479+- 0.546	1.266+- 0.382

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	Cl-	NO3-	SO4=	NH4+	NA+	MG++
200	860701	4.175+- 0.423	0.943+- 0.217	2.982+- 0.232	0.828+- 0.075	2.670+- 0.439	0.296+- 0.110
200	860707	6.132+- 0.592	1.048+- 0.219	1.960+- 0.177	0.265+- 0.064	3.842+- 0.594	0.363+- 0.129
200	860713	4.490+- 0.450	1.664+- 0.233	3.152+- 0.241	0.895+- 0.077	3.434+- 0.540	0.292+- 0.109
200	860719	10.521+- 0.983	1.200+- 0.228	4.012+- 0.292	0.421+- 0.068	10.245+- 1.474	1.248+- 0.378
200	860725	5.580+- 0.544	1.123+- 0.221	2.767+- 0.220	0.625+- 0.070	3.901+- 0.602	0.437+- 0.149
200	860731	14.195+- 1.311	5.213+- 0.359	7.245+- 0.484	0.720+- 0.073	10.485+- 1.506	1.061+- 0.324
200	860806	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
200	860812	1.638+- 0.220	0.350+- 0.404	1.946+- 0.176	0.484+- 0.067	1.084+- 0.248	0.141+- 0.070
200	860818	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
200	860824	7.078+- 0.675	3.768+- 0.300	5.771+- 0.394	0.682+- 0.072	6.048+- 0.893	0.723+- 0.229
200	860830	13.100+- 1.212	2.479+- 0.256	3.936+- 0.286	0.445+- 0.066	8.440+- 1.223	-9.900+-9.900
200	860905	5.706+- 0.555	2.773+- 0.265	3.204+- 0.244	0.373+- 0.065	4.542+- 0.688	0.382+- 0.134
200	860911	5.596+- 0.546	3.344+- 0.286	3.869+- 0.282	0.718+- 0.073	4.661+- 0.705	0.452+- 0.153
200	860917	14.579+- 1.345	0.912+- 0.216	3.260+- 0.247	0.212+- 0.063	10.069+- 1.448	1.147+- 0.349
200	860923	6.418+- 0.617	1.319+- 0.225	2.461+- 0.203	1.027+- 0.081	4.457+- 0.677	0.439+- 0.149
200	860929	11.661+- 1.084	2.819+- 0.267	1.920+- 0.175	0.363+- 0.065	6.545+- 0.962	0.631+- 0.203
200	861005	< 0.000+- 0.280	< 0.000+- 0.404	< 0.154+- 0.210	< 0.000+- 0.122	< 0.000+- 0.328	< 0.000+- 0.074
200	861011	5.143+- 0.506	2.679+- 0.263	3.132+- 0.240	0.590+- 0.070	4.567+- 0.692	0.372+- 0.131
200	861017	17.561+- 1.613	2.931+- 0.271	4.021+- 0.291	0.441+- 0.066	9.970+- 1.434	1.111+- 0.338
200	861023	0.997+- 0.180	1.163+- 0.222	2.315+- 0.196	0.944+- 0.079	1.159+- 0.257	0.095+- 0.060
200	861029	8.502+- 0.802	2.756+- 0.265	2.115+- 0.185	0.262+- 0.063	5.579+- 0.829	0.579+- 0.188
200	861104	4.496+- 0.450	6.379+- 0.409	3.143+- 0.241	1.040+- 0.082	4.656+- 0.704	0.486+- 0.162
200	861110	5.250+- 0.515	5.276+- 0.361	1.692+- 0.164	0.618+- 0.070	4.449+- 0.676	0.506+- 0.168
200	861116	1.845+- 0.349	1.188+- 0.421	0.794+- 0.228	< 0.141+- 0.242	1.653+- 0.444	< 0.109+- 0.148
200	861122	26.914+- 2.455	2.833+- 0.267	4.078+- 0.294	0.243+- 0.063	15.712+- 2.231	1.492+- 0.447
200	861128	8.677+- 0.817	5.662+- 0.377	2.676+- 0.215	0.669+- 0.071	6.254+- 0.922	0.568+- 0.185
200	861204	2.245+- 0.265	4.144+- 0.315	1.399+- 0.151	0.886+- 0.077	2.245+- 0.385	0.128+- 0.067
200	861210	3.482+- 0.364	4.054+- 0.311	1.388+- 0.150	0.722+- 0.073	2.751+- 0.450	0.280+- 0.106
200	861216	3.070+- 0.330	2.867+- 0.268	1.777+- 0.168	0.597+- 0.070	2.595+- 0.430	0.224+- 0.091
200	861222	10.681+- 0.996	3.853+- 0.304	2.388+- 0.199	0.467+- 0.067	6.821+- 1.000	0.676+- 0.215
200	861228	18.365+- 1.685	6.208+- 0.401	3.279+- 0.248	0.387+- 0.065	11.602+- 1.660	1.178+- 0.357



TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	Cl-	NO3-	SO4=	NH4+	NA+	MG++
300	860102	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
300	860108	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
300	860114	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
300	860120	< 0.000+- 0.274	20.169+- 1.071	6.607+- 0.444	8.962+- 0.433	< 0.000+- 0.322	< 0.000+- 0.073
300	860126	< 0.000+- 0.272	< 0.035+- 0.392	< 0.047+- 0.204	< 0.110+- 0.118	< 0.000+- 0.318	< 0.021+- 0.072
300	860201	< 0.000+- 0.272	2.899+- 0.265	0.639+- 0.118	1.219+- 0.086	< 0.000+- 0.319	< 0.000+- 0.072
300	860207	< 0.133+- 0.274	1.421+- 0.223	0.366+- 0.112	0.290+- 0.063	< 0.098+- 0.322	0.081+- 0.056
300	860213	< 0.000+- 0.273	< 0.322+- 0.394	< 0.188+- 0.205	0.228+- 0.061	< 0.000+- 0.320	< 0.000+- 0.073
300	860219	< 0.253+- 0.270	2.243+- 0.242	1.494+- 0.152	0.963+- 0.078	0.376+- 0.181	0.092+- 0.057
300	860225	< 0.000+- 0.269	< 0.247+- 0.388	< 0.131+- 0.202	0.231+- 0.061	< 0.000+- 0.315	< 0.009+- 0.071
300	860303	< 0.000+- 0.271	1.365+- 0.220	5.839+- 0.397	2.413+- 0.133	< 0.192+- 0.318	< 0.000+- 0.072
300	860309	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900	-9.900+-9.900
300	860315	0.415+- 0.148	3.435+- 0.284	1.667+- 0.161	0.964+- 0.078	0.961+- 0.232	< 0.015+- 0.072
300	860321	< 0.000+- 0.267	< 0.187+- 0.386	< 0.115+- 0.201	0.221+- 0.060	< 0.003+- 0.313	< 0.000+- 0.071
300	860327	< 0.000+- 0.267	0.531+- 0.201	1.740+- 0.163	0.834+- 0.073	< 0.029+- 0.313	< 0.000+- 0.071
300	860402	0.284+- 0.144	3.567+- 0.288	4.825+- 0.336	1.322+- 0.090	2.133+- 0.368	0.134+- 0.068
300	860408	< 0.000+- 0.272	5.506+- 0.366	3.556+- 0.262	2.309+- 0.129	0.568+- 0.196	< 0.063+- 0.072
300	860414	< 0.000+- 0.272	5.080+- 0.348	1.969+- 0.175	1.565+- 0.099	0.609+- 0.199	< 0.063+- 0.072
300	860420	< 0.000+- 0.270	< 0.238+- 0.390	0.704+- 0.120	0.446+- 0.064	< 0.000+- 0.317	< 0.003+- 0.072
300	860426	0.460+- 0.149	6.932+- 0.428	8.750+- 0.574	3.217+- 0.168	2.684+- 0.438	0.736+- 0.232
300	860502	< 0.163+- 0.270	4.821+- 0.337	3.798+- 0.276	1.912+- 0.112	0.869+- 0.222	0.157+- 0.073
300	860508	< 0.118+- 0.269	5.548+- 0.367	1.848+- 0.169	1.290+- 0.088	1.012+- 0.236	0.133+- 0.067
300	860514	< 0.000+- 0.270	5.256+- 0.355	8.476+- 0.557	3.766+- 0.192	1.095+- 0.245	0.878+- 0.272
300	860520	< 0.000+- 0.270	5.638+- 0.371	4.908+- 0.341	2.486+- 0.136	1.126+- 0.248	0.831+- 0.258
300	860526	< 0.000+- 0.269	5.061+- 0.346	7.745+- 0.512	3.289+- 0.171	1.150+- 0.250	0.574+- 0.186
300	860601	< 0.000+- 0.273	5.200+- 0.354	10.333+- 0.672	4.401+- 0.221	0.635+- 0.202	0.730+- 0.230
300	860607	< 0.000+- 0.273	6.978+- 0.432	9.804+- 0.639	4.243+- 0.214	1.217+- 0.260	0.155+- 0.073
300	860613	< 0.000+- 0.272	2.945+- 0.266	5.593+- 0.382	2.039+- 0.118	0.704+- 0.207	0.824+- 0.256
300	860619	< 0.000+- 0.270	5.307+- 0.357	7.397+- 0.491	3.200+- 0.167	1.068+- 0.242	0.601+- 0.194
300	860625	< 0.000+- 0.273	1.824+- 0.232	9.863+- 0.643	3.837+- 0.196	0.745+- 0.212	1.735+- 0.515

TOTAL PARTICLE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	CL-	NO3-	SO4=	NH4+	NA+	MG++
300	860701	< 0.000+- 0.269	3.106+- 0.270	4.629+- 0.324	1.930+- 0.113	0.667+- 0.203	0.081+- 0.055
300	860707	< 0.000+- 0.276	1.504+- 0.226	2.020+- 0.179	1.018+- 0.080	0.707+- 0.210	0.644+- 0.206
300	860713	< 0.000+- 0.270	1.553+- 0.224	3.024+- 0.232	1.363+- 0.091	< 0.258+- 0.317	< 0.059+- 0.072
300	860719	< 0.025+- 0.269	< 0.000+- 0.388	1.675+- 0.160	0.830+- 0.073	< 0.172+- 0.315	0.099+- 0.059
300	860725	< 0.000+- 0.272	3.064+- 0.270	3.482+- 0.258	1.481+- 0.096	0.592+- 0.198	< 0.050+- 0.072
300	860731	< 0.000+- 0.272	1.753+- 0.230	6.419+- 0.432	2.650+- 0.143	< 0.175+- 0.319	< 0.041+- 0.072
300	860806	< 0.000+- 0.276	2.862+- 0.266	12.002+- 0.775	4.519+- 0.227	0.496+- 0.193	0.083+- 0.057
300	860812	< 0.000+- 0.275	3.395+- 0.284	7.113+- 0.475	2.653+- 0.144	1.060+- 0.243	0.077+- 0.055
300	860818	< 0.000+- 0.272	1.426+- 0.221	1.979+- 0.176	1.415+- 0.093	0.488+- 0.190	< 0.064+- 0.072
300	860824	< 0.000+- 0.270	3.944+- 0.302	5.747+- 0.391	1.946+- 0.113	0.963+- 0.231	0.331+- 0.119
300	860830	< 0.000+- 0.269	2.501+- 0.250	3.009+- 0.231	1.150+- 0.083	0.487+- 0.188	< 0.055+- 0.071
300	860905	< 0.000+- 0.275	1.422+- 0.224	4.681+- 0.328	1.932+- 0.114	< 0.155+- 0.322	< 0.020+- 0.073
300	860911	< 0.000+- 0.275	8.731+- 0.513	7.690+- 0.510	3.171+- 0.166	1.226+- 0.261	0.248+- 0.097
300	860917	< 0.000+- 0.270	2.601+- 0.254	1.285+- 0.142	0.836+- 0.074	< 0.161+- 0.317	< 0.036+- 0.072
300	860923	< 0.114+- 0.272	3.897+- 0.301	2.987+- 0.230	1.399+- 0.093	0.884+- 0.224	< 0.064+- 0.072
300	860929	< 0.000+- 0.272	4.300+- 0.316	2.402+- 0.198	1.631+- 0.101	0.814+- 0.217	< 0.004+- 0.072
300	861005	< 0.000+- 0.271	< 0.114+- 0.391	0.760+- 0.122	0.423+- 0.064	< 0.000+- 0.318	< 0.000+- 0.072
300	861011	< 0.000+- 0.270	< 0.000+- 0.390	7.385+- 0.491	2.138+- 0.121	< 0.191+- 0.317	< 0.000+- 0.072
300	861017	< 0.000+- 0.272	8.112+- 0.483	8.290+- 0.546	4.704+- 0.235	0.540+- 0.194	< 0.064+- 0.072
300	861023	< 0.000+- 0.273	10.045+- 0.574	7.118+- 0.475	5.052+- 0.251	0.416+- 0.185	< 0.065+- 0.073
300	861029	< 0.000+- 0.273	14.725+- 0.801	7.312+- 0.486	7.019+- 0.342	< 0.180+- 0.320	< 0.031+- 0.073
300	861104	< 0.000+- 0.269	1.554+- 0.223	0.487+- 0.113	0.461+- 0.064	< 0.113+- 0.315	< 0.000+- 0.071
300	861110	< 0.000+- 0.278	< 0.000+- 0.401	< 0.153+- 0.209	< 0.047+- 0.121	< 0.000+- 0.326	< 0.000+- 0.074
300	861116	< 0.000+- 0.269	< 0.197+- 0.388	0.215+- 0.106	0.236+- 0.061	< 0.000+- 0.315	< 0.000+- 0.071
300	861122	< 0.000+- 0.272	1.559+- 0.225	0.732+- 0.121	0.676+- 0.070	< 0.039+- 0.318	< 0.000+- 0.072
300	861128	< 0.000+- 0.269	0.946+- 0.210	< 0.126+- 0.202	0.373+- 0.063	0.687+- 0.205	< 0.000+- 0.072
300	861204	< 0.000+- 0.272	5.835+- 0.381	0.367+- 0.111	1.692+- 0.104	< 0.000+- 0.318	< 0.000+- 0.072
300	861210	< 0.000+- 0.272	7.277+- 0.445	0.691+- 0.120	2.501+- 0.137	< 0.000+- 0.318	< 0.000+- 0.072
300	861216	< 0.000+- 0.273	2.019+- 0.238	1.439+- 0.150	1.148+- 0.084	< 0.000+- 0.320	< 0.000+- 0.073
300	861222	< 0.000+- 0.272	3.161+- 0.274	0.842+- 0.125	1.211+- 0.086	< 0.000+- 0.319	< 0.064+- 0.072
300	861228	< 0.000+- 0.277	< 0.000+- 0.400	< 0.063+- 0.208	< 0.115+- 0.120	< 0.000+- 0.325	< 0.000+- 0.074

## Part T

Gas Phase  $\text{HNO}_3$  and  $\text{HCl}$  Concentrations  
at Nine Locations in the  
South Coast Air Basin, 1986

This section contains data on the concentrations of  $\text{HNO}_3$  and  $\text{HCl}$  measured in the Los Angeles area during 1986. The sampling sites employed were located at Burbank, Downtown Los Angeles, Hawthorne, Long Beach, Anaheim, Rubidoux, Upland, Tanbark Flats, and San Nicolas Island.  $\text{HNO}_3$  and  $\text{HCl}$  measurements were made at 6-day intervals during 1986 in conjunction with the NASN sampling schedule. Daily average concentrations (and  $1\sigma$  error bounds) for gas phase  $\text{HNO}_3$  and  $\text{HCl}$  are tabulated. Error bounds were obtained by statistically propagating the sampling and analytical precisions.

Nitric acid and  $\text{HCl}$  were collected by two methods: the denuder difference method (DD) and the tandem filter method (TF). In addition,  $\text{HCl}$  was collected by two tandem filter units containing different reactive or treated backup filters. In one tandem filter unit for  $\text{HCl}$  there was a single nylon filter, specified in the tables as TF(J1). In the other tandem filter unit for  $\text{HCl}$  there were two KOH impregnated prebaked quartz fiber backup filters in series; the top backup filter is specified as TF(K1) while the lower backup filter is specified as TF(K2).

Given the great redundancy in  $\text{HCl}$  measurements, only the most reliable  $\text{HCl}$  data are reported in the attached tables. At the time of this experiment, nylon filters were in short supply due to a surge in acid species measurements throughout the United States motivated by ongoing acid deposition research. Nylon filter lot numbers K07025E and 84800 were received from the manufacturer with a  $\text{Cl}^-$  blank that was too high to be used for measurements of low concentrations of  $\text{HCl}$ , even though the filters had a low enough  $\text{NO}_3^-$  blank to be suitable for  $\text{HNO}_3$  measurements. As the filter manufacturer could not replace those filters in a timely fashion,  $\text{HCl}$  measurements by the denuder difference

method on nylon filters cease early in the experimental program. HCl data by the tandem filter method on nylon filters are extended to overlap a switch in measurement protocol that focuses on acquiring the HCl measurement from the KOH impregnated tandem filter units. HCl measurements by the two different tandem filter methods are generally in good agreement. When tandem filter data are available by two different methods, the data graphed in Chapter 5 of Volume I of this report are based on the average of the two methods. A continuous year long record of HCl concentrations thus is available.

For values less than the detection limit (noted by '<'), the nominal calculated concentration is reported and the error bound is equal to the detection limit determined for that sample. Therefore, in those cases the error bound is greater than the nominal measured concentration. For HNO<sub>3</sub> by the denuder difference method, a '>' symbol indicates that the reported value is a lower limit because fine particle nitrate or chloride collected on the nylon filter behind the denuder was found to be below its detection limit. The nominal calculated value for fine particle nitrate or chloride concentration was used in the denuder difference calculation for HNO<sub>3</sub> and HCl. Throughout these tables, missing data are indicated by the value  $-9.900 \pm -9.900$ .

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	HNO3				HCL							
		DD	TF			DD	TF(J1)	TF(K1)	TF(K2)				
069	860102	4.173+-	3.152	7.075+-	.318	< .194+-	1.141	< .771+-	.818				
069	860108	1.889+-	.256	3.017+-	.160	< .522+-	1.123	< .000+-	.827				
069	860114	1.666+-	.445	1.945+-	.123	> .427+-	.338	< .129+-	.829				
069	860120	7.982+-	1.797	17.052+-	.736	.976+-	.228	1.841+-	.441				
069	860126	3.061+-	.265	4.751+-	.225	> .525+-	.337	< .509+-	.824				
069	860201	2.427+-	.377	3.611+-	.182	.348+-	.230	.873+-	.427				
069	860207	.968+-	.239	1.379+-	.108	> .479+-	.340	< .026+-	.832				
069	860213	.820+-	.385	.797+-	.093	.159+-	.212	< .000+-	.818				
069	860219	.759+-	.141	1.602+-	.113	.471+-	.222	< .179+-	.828				
069	860225	8.812+-	.841	16.971+-	.732	1.184+-	.230	1.144+-	.426				
069	860303	10.918+-	1.516	17.092+-	.737	1.978+-	.247	1.145+-	.428				
069	860309	2.236+-	.300	3.628+-	.181	.517+-	.217	1.439+-	.423				
069	860315	.725+-	.232	2.118+-	.128	.256+-	.224	< .470+-	.819				
069	860321	5.954+-	.438	10.514+-	.460	> 1.614+-	.346	< .616+-	.822				
069	860327	11.367+-	1.599	22.643+-	.971	> .984+-	.339	2.316+-	.433				
069	860402	1.875+-	.199	1.963+-	.124	> .806+-	.340	< .555+-	.828				
069	860408	2.427+-	.262	3.483+-	.176	> .862+-	.332	1.053+-	.420				
069	860414	4.520+-	.800	8.197+-	.365	-9.900+-	-9.900	1.268+-	.426				
069	860420	4.340+-	.306	7.328+-	.329			< .593+-	.824				
069	860426	3.872+-	.546	6.947+-	.312			2.327+-	.428				
069	860502	7.532+-	.673	13.589+-	.589			1.676+-	.430				
069	860508	3.791+-	.619	7.578+-	.338			2.447+-	.438	2.58+-	0.19	< 0.08+-	0.24
069	860514	4.795+-	.726	11.372+-	.496			2.841+-	.444	3.71+-	0.23	< 0.08+-	0.24
069	860520	7.234+-	1.116	11.829+-	.515			2.884+-	.445	2.65+-	0.19	< 0.22+-	0.24
069	860526	9.086+-	.963	18.216+-	.784			2.239+-	.433	2.18+-	0.17	< 0.17+-	0.24
069	860601	12.009+-	.880	23.122+-	.992			2.413+-	.437	1.97+-	0.16	< 0.22+-	0.24
069	860607	9.634+-	.803	13.456+-	.583			2.655+-	.437	1.70+-	0.15	< 0.00+-	0.24
069	860613	11.560+-	.912	14.414+-	.624			3.999+-	.456	3.26+-	0.21	< 0.00+-	0.24
069	860619	11.446+-	.847	15.602+-	.674			2.648+-	.431	2.44+-	0.18	1.55+-	0.15
069	860625	13.612+-	1.359	20.682+-	.888			1.825+-	.419	1.43+-	0.14	1.52+-	0.15

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	HNO3				HCL					
		DD	TF		TF	DD	TF(J1)		TF(K1)		TF(K2)
069	860701	13.164+-	.826	16.775+-	.723		1.344+-	.409	2.11+-	0.17	< 0.12+- 0.24
069	860707	6.454+-	.516	9.149+-	.403		2.722+-	.441	1.79+-	0.16	< 0.00+- 0.24
069	860713	9.286+-	.692	16.284+-	.702		1.299+-	.411	1.54+-	0.15	< 0.00+- 0.24
069	860719	12.610+-	.760	16.649+-	.718		5.897+-	.512	2.27+-	0.17	< 0.13+- 0.24
069	860725	4.690+-	.457	8.361+-	.371		1.730+-	.425	1.64+-	0.15	< 0.00+- 0.24
069	860731	14.686+-	1.438	23.271+-	1.021				1.65+-	0.15	< 0.00+- 0.24
069	860806	17.045+-	1.413	22.912+-	1.007				1.65+-	0.15	< 0.00+- 0.24
069	860812	12.407+-	1.082	17.859+-	.795				1.56+-	0.15	< 0.00+- 0.24
069	860818	17.389+-	.905	22.089+-	.972				1.50+-	0.15	< 0.00+- 0.24
069	860824	10.835+-	1.147	18.021+-	.801				2.47+-	0.18	< 0.16+- 0.24
069	860830	8.765+-	.758	13.448+-	.611				2.78+-	0.19	< 0.16+- 0.24
069	860905	14.697+-	1.348	20.127+-	.889				2.17+-	0.17	< 0.00+- 0.24
069	860911	9.005+-	.824	12.679+-	.578				1.89+-	0.16	< 0.01+- 0.24
069	860917	7.221+-	.497	8.846+-	.423				1.15+-	0.14	< 0.16+- 0.24
069	860923	2.166+-	.338	2.917+-	.201				1.44+-	0.14	< 0.01+- 0.24
069	860929	6.283+-	.888	10.282+-	.481				1.26+-	0.14	< 0.00+- 0.24
069	861005	5.012+-	.342	4.602+-	.259				0.55+-	0.12	< 0.00+- 0.24
069	861011	3.237+-	.443	9.657+-	.455				0.89+-	0.13	< 0.16+- 0.24
069	861017	5.788+-	.766	9.034+-	.431				0.77+-	0.13	< 0.23+- 0.24
069	861023	4.416+-	.922	8.151+-	.395				1.16+-	0.14	< 0.00+- 0.24
069	861029	12.706+-	1.903	18.360+-	.816				1.58+-	0.15	< 0.00+- 0.24
069	861104	8.093+-	1.180	9.986+-	.468				1.46+-	0.15	< 0.02+- 0.24
069	861110	6.027+-	.490	7.981+-	.387				0.54+-	0.13	< 0.02+- 0.24
069	861116	3.450+-	.859	5.728+-	.300				0.58+-	0.12	< 0.00+- 0.24
069	861122	2.669+-	.246	2.672+-	.195				0.27+-	0.12	< 0.00+- 0.24
069	861128	4.283+-	.971	6.592+-	.333				0.59+-	0.12	< 0.00+- 0.24
069	861204	2.343+-	3.196	2.921+-	.201				0.71+-	0.13	< 0.00+- 0.24
069	861210	3.174+-	.930	4.331+-	.248				0.60+-	0.13	< 0.00+- 0.24
069	861216	3.269+-	1.127	2.777+-	.198				0.59+-	0.13	< 0.00+- 0.24
069	861222	1.360+-	.669	3.237+-	.211				0.53+-	0.12	< 0.00+- 0.24
069	861228	1.751+-	.942	5.068+-	.276				0.86+-	0.13	< 0.16+- 0.25

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	HNO3				HCL				
		DD	TF			DD	TF(J1)	TF(K1)	TF(K2)	
072	860102	2.152+-	1.199	3.854+-	.190	< .502+-	1.125	< .000+-	.819	
072	860108	2.059+-	.452	2.781+-	.146	< .429+-	1.100	< .000+-	.759	
072	860114	1.564+-	.317	2.042+-	.126	.548+-	.213	< .472+-	.824	
072	860120	4.517+-	1.011	13.700+-	.594	1.677+-	.233	1.465+-	.426	
072	860126	3.428+-	.456	5.154+-	.241	.638+-	.209	< .578+-	.816	
072	860201	1.788+-	.449	3.454+-	.176	.725+-	.239	.974+-	.427	
072	860207	.711+-	.191	1.354+-	.106	.161+-	.217	< .143+-	.815	
072	860213	.442+-	.394	.789+-	.094	.315+-	.212	< .317+-	.828	
072	860219	.522+-	.101	1.378+-	.107	.297+-	.224	< .152+-	.820	
072	860225	7.066+-	1.732	14.281+-	.619	2.731+-	.269	2.799+-	.442	
072	860303	4.421+-	.709	7.961+-	.355	1.563+-	.237	1.504+-	.433	
072	860309	1.559+-	.213	1.917+-	.121	.866+-	.248	2.166+-	.434	
072	860315	.783+-	.171	2.083+-	.127	.676+-	.223	< .610+-	.820	
072	860321	4.572+-	.686	10.317+-	.452	2.191+-	.238	1.620+-	.420	
072	860327	15.715+-	1.940	31.741+-	1.356	2.161+-	.243	3.079+-	.449	
072	860402	2.327+-	.248	.853+-	.094	1.611+-	.244	< .573+-	.816	
072	860408	2.268+-	.235	2.114+-	.128	1.189+-	.218	.909+-	.419	
072	860414	5.047+-	.492	4.808+-	.227	-9.900+-	-9.900	1.575+-	.426	
072	860420	7.364+-	.567	13.112+-	.569			1.227+-	.418	
072	860426	1.984+-	.358	4.103+-	.199			2.682+-	.443	
072	860502	3.486+-	.436	6.103+-	.278			3.312+-	.453	
072	860508	2.480+-	.435	4.391+-	.209			2.963+-	.439	2.98+- 0.20 < 0.20+- 0.24
072	860514	1.938+-	.329	4.381+-	.209			3.418+-	.454	2.58+- 0.18 < 0.12+- 0.24
072	860520	2.690+-	.356	7.185+-	.323			3.332+-	.456	3.21+- 0.21 < 0.07+- 0.24
072	860526	-9.900+-	-9.900	-9.900+-	-9.900			-9.900+-	-9.900	-9.90+-
072	860601	-9.900+-	-9.900	-9.900+-	-9.900			-9.900+-	-9.900	-9.90+-
072	860607	-9.900+-	-9.900	-9.900+-	-9.900			-9.900+-	-9.900	-9.90+-
072	860613	2.811+-	.385	6.134+-	.279			3.385+-	.457	3.03+- 0.20 < 0.08+- 0.24
072	860619	2.775+-	.378	5.618+-	.259			4.172+-	.474	3.64+- 0.23 < 0.03+- 0.24
072	860625	5.669+-	.477	12.265+-	.567			3.640+-	.947	1.83+- 0.16 < 0.08+- 0.24

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	HNO3				HCL				
		DD	TF		DD	TF(J1)	TF(K1)	TF(K2)		
072	860701	3.904+-	.450	6.818+-	.308	2.534+-	.441	3.22+-	0.21	< 0.16+- 0.24
072	860707	2.172+-	.298	4.168+-	.202	3.215+-	.456	2.05+-	0.17	< 0.00+- 0.24
072	860713	5.711+-	.463	12.529+-	.545	2.438+-	.440	2.21+-	0.17	< 0.16+- 0.24
072	860719	4.470+-	.489	7.974+-	.355	8.889+-	.607	3.51+-	0.22	< 0.15+- 0.23
072	860725	1.639+-	.250	3.130+-	.162	2.510+-	.435	1.64+-	0.15	< 0.00+- 0.24
072	860731	7.972+-	.756	18.054+-	.804			2.31+-	0.17	< 0.00+- 0.24
072	860806	5.059+-	.415	11.692+-	.539			1.74+-	0.15	< 0.01+- 0.24
072	860812	4.664+-	.515	9.494+-	.449			1.90+-	0.16	< 0.00+- 0.24
072	860818	9.400+-	.682	15.548+-	.698			2.46+-	0.18	0.40+- 0.12
072	860824	4.518+-	.403	7.446+-	.368			2.58+-	0.18	< 0.00+- 0.24
072	860830	3.696+-	.406	3.886+-	.233			3.77+-	0.24	< 0.02+- 0.24
072	860905	5.838+-	.633	11.632+-	.536			2.81+-	0.19	< 0.00+- 0.24
072	860911	3.689+-	.409	6.125+-	.316			2.15+-	0.17	< 0.00+- 0.24
072	860917	2.569+-	.392	3.901+-	.236			2.32+-	0.17	< 0.00+- 0.24
072	860923	1.272+-	.271	1.332+-	.161			1.32+-	0.14	< 0.00+- 0.24
072	860929	2.805+-	.599	5.221+-	.282			1.11+-	0.13	< 0.16+- 0.24
072	861005	4.379+-	.441	10.144+-	.477			1.32+-	0.14	< 0.18+- 0.24
072	861011	1.228+-	.295	2.742+-	.199			0.83+-	0.13	0.38+- 0.12
072	861017	2.426+-	.514	4.712+-	.264			1.15+-	0.14	< 0.16+- 0.24
072	861023	2.393+-	.579	4.066+-	.242			1.54+-	0.15	< 0.00+- 0.24
072	861029	4.920+-	.962	7.326+-	.364			1.97+-	0.16	< 0.00+- 0.24
072	861104	2.536+-	.521	3.628+-	.227			1.34+-	0.14	< 0.02+- 0.24
072	861110	3.420+-	.584	6.677+-	.339			1.02+-	0.13	< 0.00+- 0.24
072	861116	3.471+-	1.626	6.733+-	.340			1.27+-	0.14	< 0.00+- 0.24
072	861122	2.220+-	.313	4.589+-	.260			0.76+-	0.13	< 0.04+- 0.24
072	861128	1.696+-	1.313	5.002+-	.274			0.93+-	0.13	< 0.00+- 0.24
072	861204	.492+-	2.645	4.709+-	.265			0.69+-	0.13	< 0.00+- 0.24
072	861210	3.180+-	1.414	3.486+-	.223			0.93+-	0.13	< 0.16+- 0.24
072	861216	1.674+-	.724	2.850+-	.201			1.27+-	0.14	< 0.00+- 0.24
072	861222	.130+-	.626	2.597+-	.193			0.95+-	0.13	< 0.00+- 0.24
072	861228	3.343+-	1.769	5.275+-	.284			1.80+-	0.16	< 0.00+- 0.24



GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	HNO3			HCL				
		DD	TF		DD	TF(J1)	TF(K1)	TF(K2)	
076	860102	2.391+-	1.074	4.752+- .224	> .386+- .877	< .026+- .783			
076	860108	1.726+- .194	-9.900+-9.900	> 1.054+- .866	-9.900+-9.900				
076	860114	-9.900+-9.900	1.594+- .109	-9.900+-9.900	< .148+- .781				
076	860120	9.092+- .974	14.684+- .635	1.515+- .228	1.864+- .410				
076	860126	2.597+- .195	3.841+- .186	> .718+- .311	< .255+- .762				
076	860201	< .000+- .215	-9.900+-9.900	< .000+- .334	-9.900+-9.900				
076	860207	.827+- .212	1.483+- .105	.279+- .207	.807+- .392				
076	860213	.569+- .327	.777+- .090	.000+- .222	1.170+- .407				
076	860219	.467+- .153	1.314+- .185	< .470+- .868	< .104+- 1.669				
076	860225	9.026+- 1.334	12.903+- .559	1.662+- .238	2.211+- .406				
076	860303	3.255+- .521	4.793+- .225	2.113+- .243	1.935+- .415				
076	860309	1.526+- .219	2.137+- .126	.939+- .238	1.501+- .407				
076	860315	.805+- .181	1.491+- .106	.625+- .233	< .618+- .770				
076	860321	4.660+- .460	9.232+- .405	> 1.903+- .323	1.269+- .389				
076	860327	12.973+- 1.367	28.430+- 1.215	> 3.041+- .346	1.843+- .403				
076	860402	1.840+- .191	.911+- .090	1.703+- .234	< .622+- .767				
076	860408	1.506+- .173	1.354+- .101	1.164+- .218	< .711+- .763				
076	860414	1.923+- .349	3.957+- .191	-9.900+-9.900	1.263+- .399				
076	860420	7.611+- .517	13.298+- .576		1.798+- .400				
076	860426	2.030+- .398	4.308+- .204		3.380+- .433				
076	860502	2.725+- .423	4.346+- .206		3.731+- .437				
076	860508	2.332+- .465	4.155+- .199		3.053+- .427	3.02+- 0.20	< 0.21+- 0.23		
076	860514	1.551+- .340	5.211+- .241		3.401+- .433	3.09+- 0.20	< 0.18+- 0.23		
076	860520	2.660+- .384	7.130+- .319		2.169+- .415	2.07+- 0.16	< 0.20+- 0.23		
076	860526	3.940+- .400	10.408+- .455		2.409+- .413	2.37+- 0.17	< 0.18+- 0.23		
076	860601	3.235+- .320	10.279+- .449		3.636+- .442	2.46+- 0.18	< 0.15+- 0.23		
076	860607	2.292+- .376	4.122+- .198		3.736+- .444	2.82+- 0.19	< 0.08+- 0.23		
076	860613	3.042+- .341	4.566+- .215		3.309+- .435	2.85+- 0.19	< 0.07+- 0.23		
076	860619	2.575+- .410	4.284+- .203		4.208+- .451	3.59+- 0.23	< 0.00+- 0.23		
076	860625	2.646+- .430	7.723+- .342		2.854+- .416	1.72+- 0.15	1.49+- 0.14		

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT HAWTHORNE

STA	DATE	HNO3				HCL				
		DD	TF	DD	TF	DD	TF(J1)	TF(K1)	TF(K2)	
076	860701	2.442+-	.405	4.206+-	.200		3.424+-	.433	2.97+-	0.20 < 0.00+- 0.23
076	860707	.896+-	.218	1.906+-	.118		2.468+-	.421	1.32+-	0.14 < 0.00+- 0.24
076	860713	3.245+-	.302	7.199+-	.321		2.104+-	.408	< 0.15+-	0.23 < 0.00+- 0.23
076	860719	2.482+-	.357	3.230+-	.164		8.121+-	.567	2.77+-	0.19 < 0.00+- 0.23
076	860725	.988+-	.221	1.784+-	.114		1.968+-	.406	1.31+-	0.14 < 0.03+- 0.23
076	860731	3.265+-	.375	8.880+-	.422				1.62+-	0.15 < 0.00+- 0.23
076	860806	7.385+-	.525	17.506+-	.778				1.82+-	0.15 < 0.00+- 0.23
076	860812	4.190+-	.376	8.800+-	.419				1.99+-	0.16 < 0.03+- 0.24
076	860818	9.464+-	.799	18.224+-	.808				2.54+-	0.18 < 0.19+- 0.23
076	860824	4.779+-	.482	8.726+-	.416				2.36+-	0.17 < 0.00+- 0.23
076	860830	2.628+-	.421	3.038+-	.200				2.50+-	0.18 < 0.00+- 0.23
076	860905	3.945+-	.431	9.002+-	.427				1.98+-	0.16 < 0.00+- 0.23
076	860911	2.943+-	.386	5.266+-	.280				2.18+-	0.17 < 0.03+- 0.24
076	860917	3.834+-	.471	4.719+-	.259				2.08+-	0.16 < 0.15+- 0.23
076	860923	1.153+-	.266	1.557+-	.158				1.18+-	0.13 0.33+- 0.12
076	860929	2.171+-	.479	3.996+-	.234				1.19+-	0.13 < 0.00+- 0.23
076	861005	2.716+-	.373	6.471+-	.326				0.86+-	0.13 < 0.06+- 0.23
076	861011	1.184+-	.244	3.177+-	.206				0.99+-	0.13 < 0.00+- 0.23
076	861017	2.271+-	.373	3.908+-	.231				1.07+-	0.13 < 0.02+- 0.23
076	861023	.832+-	.458	2.919+-	.200				1.39+-	0.14 < 0.01+- 0.24
076	861029	2.847+-	.627	3.882+-	.230				1.32+-	0.14 < 0.01+- 0.23
076	861104	1.610+-	.619	2.858+-	.195				1.45+-	0.14 < 0.02+- 0.23
076	861110	2.288+-	.370	4.194+-	.243				0.67+-	0.12 < 0.00+- 0.23
076	861116	3.900+-	1.707	5.973+-	.306				1.00+-	0.13 < 0.00+- 0.23
076	861122	2.072+-	.229	3.308+-	.210				0.33+-	0.12 < 0.01+- 0.23
076	861128	2.044+-	.528	4.555+-	.251				0.63+-	0.12 < 0.00+- 0.23
076	861204	5.710+-	2.607	7.413+-	.364				1.24+-	0.14 < 0.02+- 0.23
076	861210	2.270+-	1.321	3.646+-	.221				1.03+-	0.13 < 0.00+- 0.23
076	861216	2.417+-	1.024	2.292+-	.179				0.68+-	0.12 < 0.15+- 0.23
076	861222	1.527+-	.488	1.816+-	.167				0.31+-	0.12 < 0.00+- 0.23
076	861228	1.882+-	1.825	2.411+-	.185				1.08+-	0.13 < 0.00+- 0.24

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	HNO3				HCL					
		DD	TF			DD	TF(J1)	TF(K1)	TF(K2)		
087	860102	3.357+-	2.829	6.356+-	.289	< .143+-	1.147	< .263+-	.821		
087	860108	1.949+-	.324	3.145+-	.163	< .234+-	1.141	< .000+-	.813		
087	860114	1.713+-	.411	2.966+-	.157	> .610+-	.331	< .247+-	.824		
087	860120	12.937+-	1.574	27.190+-	1.164		1.889+-	.245	1.961+-	.436	
087	860126	2.766+-	.230	4.437+-	.212	> 1.055+-	.331	< .273+-	.824		
087	860201	-9.900+-	-9.900	-9.900+-	-9.900	-9.900+-	-9.900	-9.900+-	-9.900		
087	860207	.929+-	.212	1.595+-	.113	.026+-	.212	< .184+-	.829		
087	860213	.905+-	.552	.278+-	.086	.000+-	.228	< .631+-	.824		
087	860219	1.310+-	.139	1.297+-	.105	.588+-	.228	< .594+-	.824		
087	860225	9.318+-	1.412	16.907+-	.729	2.145+-	.247	1.461+-	.428		
087	860303	7.505+-	1.173	13.197+-	.573	2.454+-	.256	1.389+-	.429		
087	860309	2.841+-	.305	3.040+-	.160	.814+-	.225	1.436+-	.424		
087	860315	1.152+-	.215	2.517+-	.141	.839+-	.222	2.658+-	.445		
087	860321	5.825+-	.468	11.239+-	.491	> 1.692+-	.331	< .701+-	.811		
087	860327	13.061+-	1.758	23.796+-	1.020	.493+-	.226	1.343+-	.424		
087	860402	2.642+-	.248	2.356+-	.136	1.194+-	.225	2.255+-	.439		
087	860408	2.641+-	.303	-9.900+-	-9.900	.674+-	.216	-9.900+-	-9.900		
087	860414	3.972+-	.753	6.823+-	.308	-9.900+-	-9.900	1.207+-	.427		
087	860420	4.820+-	.327	8.607+-	.381			.889+-	.415		
087	860426	4.173+-	.474	6.655+-	.301			2.246+-	.431		
087	860502	6.793+-	.700	11.486+-	.501			2.831+-	.442		
087	860508	4.222+-	.560	6.823+-	.308			3.026+-	.449	2.74+-	0.19
087	860514	4.194+-	.579	9.756+-	.429			3.552+-	.461	3.62+-	0.23
087	860520	5.466+-	.893	10.749+-	.470			2.767+-	.443	3.40+-	0.22
087	860526	7.763+-	.885	15.702+-	.679			2.892+-	.450	2.84+-	0.19
087	860601	10.175+-	.700	18.738+-	.807			2.627+-	.447	2.23+-	0.17
087	860607	7.209+-	.611	11.756+-	.513			3.896+-	.475	2.76+-	0.19
087	860613	8.220+-	.757	11.372+-	.497			3.943+-	.473	3.48+-	0.22
087	860619	8.600+-	.795	12.879+-	.560			4.093+-	.475	6.14+-	0.35
087	860625	11.633+-	1.146	18.106+-	.779			3.558+-	.464	1.63+-	0.15
										1.48+-	0.14

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	HNO3		HCL			
		DD	TF	DD	TF(J1)	TF(K1)	TF(K2)
087 860701		9.759+- .834	15.168+- .655		2.591+- .442	3.01+- 0.20	< 0.07+- 0.23
087 860707		4.815+- .445	6.764+- .306		2.214+- .445	2.34+- 0.17	0.43+- 0.12
087 860713		8.576+- .746	16.873+- .727		1.910+- .438	1.94+- 0.16	< 0.00+- 0.24
087 860719		8.508+- .639	12.329+- .537		7.641+- .580	2.57+- 0.18	< 0.00+- 0.23
087 860725		3.642+- .423	6.150+- .280		2.063+- .436	1.96+- 0.16	< 0.00+- 0.23
087 860731		-9.900+-9.900	-9.900+-9.900			-9.90+-9.90	-9.90+-9.90
087 860806		11.719+- 1.005	20.396+- .902			1.73+- 0.15	0.28+- 0.12
087 860812		9.091+- 1.005	15.224+- .686			1.53+- 0.14	< 0.00+- 0.23
087 860818		16.538+- .919	24.004+- 1.054			2.09+- 0.16	< 0.00+- 0.23
087 860824		10.121+- 1.025	16.532+- .741			2.83+- 0.19	< 0.01+- 0.23
087 860830		8.603+- .801	10.867+- .506			3.60+- 0.23	< 0.06+- 0.23
087 860905		8.737+- 1.107	11.325+- .524			2.19+- 0.17	< 0.00+- 0.23
087 860911		8.428+- .812	11.746+- .542			2.30+- 0.17	< 0.05+- 0.23
087 860917		6.579+- .566	9.117+- .436			1.67+- 0.15	< 0.06+- 0.23
087 860923		1.691+- .303	2.458+- .189			1.60+- 0.15	< 0.00+- 0.23
087 860929		5.819+- .850	9.412+- .447			1.33+- 0.14	< 0.00+- 0.23
087 861005		6.294+- .442	8.055+- .392			0.67+- 0.12	< 0.00+- 0.23
087 861011		2.770+- .384	8.686+- .418			1.30+- 0.14	< 0.10+- 0.23
087 861017		5.243+- .663	8.856+- .425			1.17+- 0.14	< 0.00+- 0.23
087 861023		5.081+- .996	8.591+- .415			1.48+- 0.14	< 0.00+- 0.23
087 861029		12.367+- 1.880	16.395+- .735			1.92+- 0.16	< 0.00+- 0.23
087 861104		6.624+- 1.103	5.372+- .290			1.38+- 0.14	< 0.00+- 0.23
087 861110		5.200+- .469	7.937+- .388			0.59+- 0.12	< 0.00+- 0.23
087 861116		2.854+- .953	6.133+- .317			0.59+- 0.12	< 0.00+- 0.23
087 861122		-9.900+-9.900	3.231+- .213			0.24+- 0.12	< 0.00+- 0.23
087 861128		3.906+- .882	6.107+- .318			0.57+- 0.12	< 0.00+- 0.24
087 861204		1.318+- 3.504	3.377+- .218			1.08+- 0.13	< 0.00+- 0.24
087 861210		3.186+- 1.077	4.941+- .273			0.51+- 0.12	< 0.00+- 0.24
087 861216		2.499+- 1.128	3.475+- .223			1.02+- 0.13	< 0.00+- 0.24
087 861222		-9.900+-9.900	3.418+- .221			-9.90+-9.90	-9.90+-9.90
087 861228		3.700+- 1.595	6.995+- .353			1.09+- 0.13	< 0.00+- 0.24

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	HNO3			HCL				
		DD	TF		DD	TF(J1)	TF(K1)	TF(K2)	
144	860102	.704+- 1.922	.381+- .088	<	.000+- 1.158	< .000+- .833			
144	860108	.493+- .132	.500+- .088	<	.470+- 1.146	< .000+- .816			
144	860114	.423+- .188	.570+- .090	>	.221+- .332	< .000+- .825			
144	860120	3.272+- 3.339	2.444+- .139		.326+- .221	< .000+- .831			
144	860126	.878+- .105	.767+- .093		.332+- .214	< .000+- .822			
144	860201	1.312+- .905	1.590+- .114		.098+- .238	< .000+- .840			
144	860207	.535+- .182	1.049+- .100		.084+- .214	< .150+- .830			
144	860213	.882+- .417	.916+- .097		.021+- .220	< .345+- .829			
144	860219	.482+- .236	1.211+- .102		.014+- .225	< .266+- .815			
144	860225	1.702+- 1.810	3.581+- .179		.581+- .224	< .733+- .813			
144	860303	2.874+- 2.733	2.584+- .143		.491+- .219	< .152+- .821			
144	860309	-9.900+-9.900	1.340+- .105	-9.900+-9.900	<	.756+- .809			
144	860315	.833+- .269	2.081+- .127		.000+- .217	< .551+- .817			
144	860321	1.039+- .553	2.530+- .140		.340+- .213	< .752+- .804			
144	860327	1.966+- 1.442	4.113+- .200		.000+- .214	< .703+- .817			
144	860402	.681+- .502	1.585+- .111		.355+- .231	.870+- .414			
144	860408	1.198+- .579	1.731+- .116		.111+- .218	< .117+- .813			
144	860414	1.199+- 1.183	2.562+- .142	-9.900+-9.900	<	.411+- .806			
144	860420	.315+- .714	4.001+- .195			.913+- .417			
144	860426	1.610+- 1.344	4.237+- .205			1.240+- .427			
144	860502	2.769+- 1.508	5.262+- .244			1.151+- .413			
144	860508	1.051+- .840	2.787+- .150			< .535+- .812	0.76+- 0.13	< 0.17+- 0.24	
144	860514	1.782+- 1.505	3.904+- .191			1.114+- .419	1.17+- 0.14	0.26+- 0.12	
144	860520	1.552+- 1.024	3.413+- .173			.856+- .419	1.06+- 0.13	< 0.20+- 0.23	
144	860526	1.536+- 1.417	4.740+- .225			< .811+- .818	1.06+- 0.13	0.25+- 0.12	
144	860601	.000+- 1.654	2.816+- .152			< .706+- .825	0.36+- 0.12	< 0.08+- 0.24	
144	860607	2.032+- 1.627	5.784+- .266			< .791+- .821	0.75+- 0.13	< 0.08+- 0.23	
144	860613	1.265+- 1.615	6.496+- .295			2.121+- .441	1.81+- 0.16	< 0.07+- 0.24	
144	860619	3.155+- 1.626	7.513+- .336			1.808+- .431	1.28+- 0.14	1.51+- 0.15	
144	860625	3.506+- 2.042	6.501+- .295			2.360+- .441	-9.90+-9.90	-9.90+-9.90	

T-12

HNO3					HCL				
STA	DATE	DD	TF			DD	TF(J1)	TF(K1)	TF(K2)
144	860701	2.414+- .596	7.626+- .340				< .696+- .814	0.96+- 0.13	< 0.00+- 0.23
144	860707	1.841+- .884	5.551+- .257				1.492+- .433	1.29+- 0.14	< 0.16+- 0.24
144	860713	2.198+- .735	8.349+- .371				-9.900+-9.900	1.28+- 0.14	< 0.00+- 0.23
144	860719	2.471+- 1.084	8.303+- .369				7.593+- .576	1.47+- 0.14	< 0.15+- 0.24
144	860725	1.850+- .827	4.467+- .213				2.544+- .442	0.99+- 0.13	< 0.00+- 0.24
144	860731	4.102+- 2.375	11.281+- .523					1.37+- 0.14	< 0.00+- 0.23
144	860806	2.322+- 1.421	5.230+- .284					1.06+- 0.13	< 0.00+- 0.24
144	860812	2.936+- 1.536	8.695+- .419					1.02+- 0.13	< 0.15+- 0.23
144	860818	4.657+- .664	12.540+- .574					1.67+- 0.15	< 0.01+- 0.23
144	860824	2.102+- 1.572	4.500+- .257					1.42+- 0.14	< 0.02+- 0.23
144	860830	2.082+- 1.296	6.479+- .330					0.96+- 0.13	< 0.15+- 0.23
144	860905	6.674+- 2.658	8.286+- .401					1.67+- 0.15	< 0.00+- 0.24
144	860911	2.124+- 1.449	2.782+- .202					0.95+- 0.13	< 0.15+- 0.23
144	860917	1.114+- .794	3.486+- .221					0.87+- 0.13	< 0.00+- 0.24
144	860923	.936+- .403	1.221+- .157					1.08+- 0.13	< 0.29+- 0.12
144	860929	1.235+- 1.269	2.549+- .194					0.59+- 0.12	< 0.17+- 0.24
144	861005	-9.900+-9.900	1.940+- .176					0.46+- 0.12	< 0.00+- 0.23
144	861011	.300+- 1.016	1.011+- .155					0.57+- 0.12	< 0.00+- 0.24
144	861017	1.681+- 1.693	1.207+- .160					0.52+- 0.12	< 0.16+- 0.24
144	861023	2.539+- 2.254	1.574+- .167					0.27+- 0.12	< 0.02+- 0.24
144	861029	4.111+- 6.797	6.071+- .315					1.28+- 0.14	< 0.00+- 0.24
144	861104	.110+- .876	2.880+- .203					0.44+- 0.12	< 0.00+- 0.23
144	861110	.614+- .196	.849+- .153					< 0.14+- 0.24	< 0.10+- 0.24
144	861116	.961+- 1.066	1.696+- .170					< 0.16+- 0.23	< 0.15+- 0.23
144	861122	.713+- .223	2.519+- .192					< 0.12+- 0.23	< 0.00+- 0.23
144	861128	.772+- .796	1.331+- .160					0.26+- 0.12	< 0.15+- 0.24
144	861204	2.327+- 1.423	.832+- .154					< 0.16+- 0.24	< 0.00+- 0.24
144	861210	.544+- .201	.773+- .149					0.37+- 0.12	< 0.16+- 0.24
144	861216	.223+- .364	1.239+- .160					0.52+- 0.12	< 0.00+- 0.23
144	861222	.372+- .446	.462+- .147					0.27+- 0.12	< 0.16+- 0.24
144	861228	.292+- .545	1.578+- .170					0.34+- 0.12	< 0.16+- 0.24

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	HNO3				HCL						
		DD		TF		DD	TF(J1)		TF(K1)		TF(K2)	
175	860102	3.629+-	4.880	3.325+-	.171	< .000+-	1.141	< .000+-	.834			
175	860108	.882+-	.665	1.805+-	.119	< .003+-	1.126	< .000+-	.820			
175	860114	.825+-	.222	1.486+-	.110	< .000+-	.310	< .000+-	.820			
175	860120	.807+-	3.826	4.888+-	.231	.000+-	.226	< .213+-	.833			
175	860126	1.437+-	.462	2.396+-	.139	> .232+-	.332	< .279+-	.847			
175	860201	1.246+-	.729	1.385+-	.110	.421+-	.220	< .000+-	.856			
175	860207	.649+-	.233	1.847+-	.123	> .286+-	.338	< .321+-	.856			
175	860213	.217+-	.468	1.127+-	.103	.242+-	.208	< .005+-	.843			
175	860219	.610+-	.220	1.521+-	.110	.223+-	.211	< .318+-	.815			
175	860225	6.639+-	1.443	11.719+-	.511	1.071+-	.219	1.116+-	.424			
175	860303	8.278+-	1.970	15.075+-	.652	1.428+-	.227	2.731+-	.457			
175	860309	1.188+-	.287	1.392+-	.110	.704+-	.229	2.824+-	.463			
175	860315	.877+-	.302	3.153+-	.165	.506+-	.217	< .673+-	.842			
175	860321	2.578+-	.370	5.590+-	.258	> 1.247+-	.334	< .807+-	.816			
175	860327	3.807+-	.592	6.814+-	.308	1.394+-	.223	.976+-	.423			
175	860402	2.256+-	.343	2.962+-	.156	1.030+-	.222	2.183+-	.434			
175	860408	2.626+-	.505	9.989+-	.439	.718+-	.215	4.287+-	.479			
175	860414	3.280+-	.990	5.831+-	.267	-9.900+-	-9.900	.961+-	.421			
175	860420	4.863+-	.403	10.156+-	.445			< .673+-	.812			
175	860426	3.940+-	.791	10.014+-	.440			2.188+-	.434			
175	860502	7.015+-	1.417	15.637+-	.676			3.724+-	.467			
175	860508	4.104+-	.673	7.594+-	.340			1.887+-	.439	-9.90+-	-9.90	1.68+- 0.16
175	860514	5.741+-	.762	15.518+-	.671			2.425+-	.442	2.52+-	0.19	< 0.22+- 0.26
175	860520	4.777+-	.889	10.144+-	.445			1.747+-	.432	1.73+-	0.16	< 0.02+- 0.26
175	860526	5.426+-	1.076	12.319+-	.536			1.819+-	.433	1.97+-	0.17	< 0.20+- 0.26
175	860601	8.447+-	.882	17.682+-	.762			1.563+-	.436	1.20+-	0.15	< 0.09+- 0.26
175	860607	6.061+-	1.057	15.678+-	.678			1.657+-	.437	1.29+-	0.15	< 0.05+- 0.26
175	860613	14.148+-	1.295	23.083+-	.991			3.132+-	.464	2.38+-	0.18	0.43+- 0.13
175	860619	13.223+-	1.058	21.026+-	.903			2.119+-	.444	1.90+-	0.17	< 0.20+- 0.26
175	860625	18.768+-	1.569	23.873+-	1.024			1.486+-	.435	2.87+-	0.20	< 0.20+- 0.26

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	HNO3		DD	HCL			
		DD	TF		TF(J1)	TF(K1)	TF(K2)	
175	860701	11.187+-	.767	18.219+-	.784	1.189+-	.426	1.61+- 0.16 < 0.06+- 0.26
175	860707	8.576+-	.780	15.263+-	.660	2.313+-	.460	1.96+- 0.17 < 0.05+- 0.26
175	860713	10.813+-	.816	18.242+-	.785	1.755+-	.436	2.03+- 0.17 < 0.00+- 0.26
175	860719	14.603+-	.870	20.541+-	.883	6.634+-	.548	1.82+- 0.16 < 0.00+- 0.26
175	860725	7.349+-	.706	11.880+-	.548	-9.900+-	-9.900	3.00+- 0.21 < 0.00+- 0.26
175	860731	12.614+-	1.217	37.155+-	1.608	2.31+-	0.18	< 0.07+- 0.26
175	860806	11.613+-	1.090	20.411+-	.903	1.62+-	0.16	< 0.12+- 0.26
175	860812	13.589+-	1.068	21.969+-	.968	1.62+-	0.16	< 0.17+- 0.26
175	860818	13.920+-	.883	20.455+-	.904	1.72+-	0.16	< 0.00+- 0.26
175	860824	9.197+-	1.090	16.130+-	.723	2.37+-	0.18	< 0.00+- 0.26
175	860830	9.724+-	.934	17.282+-	.771	1.12+-	0.14	< 0.10+- 0.26
175	860905	17.511+-	1.995	36.107+-	1.565	1.84+-	0.17	< 0.04+- 0.26
175	860911	9.886+-	.971	13.548+-	.617	2.57+-	0.19	< 0.00+- 0.26
175	860917	9.079+-	.741	14.153+-	.641	1.16+-	0.15	< 0.00+- 0.26
175	860923	1.938+-	.312	2.205+-	.185	0.99+-	0.14	< 0.00+- 0.26
175	860929	5.622+-	1.089	10.200+-	.480	1.26+-	0.15	< 0.00+- 0.26
175	861005	4.737+-	.322	3.909+-	.237	0.43+-	0.13	< 0.17+- 0.26
175	861011	2.338+-	.569	9.894+-	.467	0.87+-	0.14	< 0.21+- 0.26
175	861017	5.489+-	.855	10.941+-	.509	1.34+-	0.15	< 0.00+- 0.26
175	861023	6.705+-	1.708	12.714+-	.582	1.58+-	0.16	< 0.39+- 0.13
175	861029	17.826+-	4.823	24.557+-	1.077	3.84+-	0.25	< 0.02+- 0.26
175	861104	6.498+-	.959	8.227+-	.400	0.69+-	0.14	< 0.00+- 0.26
175	861110	4.639+-	.732	5.970+-	.312	0.35+-	0.13	< 0.00+- 0.26
175	861116	2.682+-	1.046	3.910+-	.237	0.49+-	0.13	< 0.17+- 0.26
175	861122	1.045+-	.947	2.319+-	.188	0.27+-	0.13	< 0.00+- 0.26
175	861128	2.357+-	.795	4.545+-	.258	0.38+-	0.13	< 0.00+- 0.26
175	861204	.756+-	2.372	1.984+-	.180	0.40+-	0.13	< 0.00+- 0.26
175	861210	2.609+-	1.019	4.525+-	.259	0.36+-	0.13	< 0.00+- 0.26
175	861216	2.154+-	.727	1.947+-	.178	0.31+-	0.13	< 0.00+- 0.26
175	861222	.881+-	.462	1.368+-	.166	0.31+-	0.13	< 0.00+- 0.26
175	861228	1.803+-	1.274	3.332+-	.219	0.62+-	0.14	< 0.25+- 0.28



GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	HNO3				HCL						
		DD		TF		DD	TF(J1)		TF(K1)		TF(K2)	
176	860102	1.142+-	1.869	.778+-	.090	< .303+-	1.151	< .006+-	.791			
176	860108	1.143+-	.238	1.646+-	.111	< .381+-	1.122	< .000+-	.783			
176	860114	1.213+-	.263	2.190+-	.128	> .386+-	.325	< .019+-	.787			
176	860120	4.341+-	.969	10.553+-	.462		.766+-	.223	1.176+-	.418		
176	860126	3.167+-	1.345	8.428+-	.373	> 1.152+-	.333	< .235+-	.791			
176	860201	1.239+-	.443	2.040+-	.123		.293+-	.229	< .668+-	.787		
176	860207	.487+-	.151	1.256+-	.101		.284+-	.209	< .290+-	.791		
176	860213	.650+-	.558	.839+-	.092		.146+-	.212	< .054+-	.800		
176	860219	.673+-	.126	1.122+-	.097		.000+-	.224	< .286+-	.779		
176	860225	7.013+-	1.533	15.594+-	.673	2.160+-	.260	1.946+-	.412			
176	860303	5.057+-	.900	10.425+-	.456	2.511+-	.252	2.298+-	.426			
176	860309	1.157+-	.178	1.981+-	.122		.541+-	.235	1.017+-	.408		
176	860315	.895+-	.180	1.789+-	.116		.551+-	.218	< .634+-	.791		
176	860321	3.313+-	.632	8.690+-	.384	> 1.831+-	.333	1.043+-	.406			
176	860327	13.471+-	2.011	28.592+-	1.222	> 2.940+-	.361	2.660+-	.430			
176	860402	.000+-	.341	1.658+-	.111		.029+-	.249	1.467+-	.408		
176	860408	1.766+-	.213	2.049+-	.124	> .773+-	.332	.847+-	.405			
176	860414	2.412+-	.490	5.491+-	.252	-9.900+-	-9.900	1.442+-	.395			
176	860420	3.898+-	.490	11.023+-	.481			< .686+-	.752			
176	860426	2.165+-	.460	6.527+-	.295			2.838+-	.428			
176	860502	2.749+-	.445	7.879+-	.350			2.144+-	.415			
176	860508	1.644+-	.370	4.414+-	.209			1.778+-	.413	1.84+-	0.16	< 0.08+- 0.24
176	860514	1.585+-	.356	4.171+-	.200			2.944+-	.430	2.81+-	0.19	< 0.22+- 0.23
176	860520	1.994+-	.434	6.707+-	.302			2.940+-	.429	2.90+-	0.20	< 0.08+- 0.24
176	860526	2.776+-	.407	13.759+-	.595			2.302+-	.415	2.50+-	0.18	< 0.22+- 0.24
176	860601	2.434+-	.284	5.360+-	.247			1.764+-	.411	1.23+-	0.14	< 0.12+- 0.24
176	860607	2.158+-	.330	5.717+-	.261			2.660+-	.420	2.23+-	0.17	< 0.07+- 0.24
176	860613	2.107+-	.563	8.967+-	.395			3.261+-	.434	2.21+-	0.29	< 0.08+- 0.52
176	860619	4.217+-	.447	8.335+-	.369			4.390+-	.460	3.27+-	0.21	< 0.07+- 0.23
176	860625	6.190+-	.522	15.833+-	.683			2.648+-	.424	1.81+-	0.16	< 0.05+- 0.24

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT ANAHEIM

HNO3						HCL						
STA	DATE	DD		TF		DD	TF(J1)		TF(K1)		TF(K2)	
176	860701	4.108+-	.426	5.973+-	.271		2.268+-	.411	2.79+-	0.19	<	0.03+- 0.24
176	860707	3.003+-	.327	6.754+-	.304		2.071+-	.417	2.24+-	0.18	<	0.03+- 0.26
176	860713	5.541+-	.391	11.835+-	.515		2.167+-	.417	1.84+-	0.16		0.24+- 0.12
176	860719	6.575+-	.459	11.351+-	.495		7.716+-	.558	2.81+-	0.19	<	0.07+- 0.24
176	860725	2.967+-	.284	4.004+-	.235		-9.900+-	-9.900	1.60+-	0.15	<	0.00+- 0.24
176	860731	5.857+-	.795	14.214+-	.641				-9.90+-	-9.90	<	0.01+- 0.24
176	860806	4.123+-	.366	7.968+-	.387				1.51+-	0.14	<	0.03+- 0.24
176	860812	6.614+-	.628	14.064+-	.635				1.69+-	0.15	<	0.00+- 0.24
176	860818	8.637+-	.577	13.903+-	.629				1.88+-	0.16	<	0.05+- 0.23
176	860824	4.217+-	.430	6.839+-	.341				2.14+-	0.17	<	0.01+- 0.24
176	860830	4.596+-	.493	7.047+-	.350				3.17+-	0.21	<	0.06+- 0.23
176	860905	9.923+-	.868	18.817+-	.833				2.24+-	0.17	<	0.15+- 0.23
176	860911	3.805+-	.435	6.473+-	.327				<	0.15+- 0.23		1.34+- 0.14
176	860917	-9.900+-	-9.900	3.958+-	.234				-9.90+-	-9.90	<	0.00+- 0.23
176	860923	-9.900+-	-9.900	-9.900+-	-9.900				-9.90+-	-9.90		-9.90+- -9.90
176	860929	2.485+-	.532	7.118+-	.354				1.31+-	0.14	<	0.00+- 0.24
176	861005	3.779+-	.381	8.368+-	.401				0.83+-	0.13	<	0.15+- 0.23
176	861011	1.557+-	.300	3.697+-	.225				1.00+-	0.13	<	0.00+- 0.24
176	861017	2.694+-	.424	5.567+-	.293				0.94+-	0.13	<	0.05+- 0.23
176	861023	3.226+-	.928	5.933+-	.307				1.30+-	0.14	<	0.09+- 0.24
176	861029	8.818+-	1.960	13.955+-	.630				1.43+-	0.14	<	0.09+- 0.23
176	861104	2.051+-	.595	4.572+-	.256				1.09+-	0.13	<	0.00+- 0.24
176	861110	1.620+-	.406	4.274+-	.245				0.50+-	0.12	<	0.00+- 0.23
176	861116	2.273+-	1.245	4.892+-	.267				0.77+-	0.13	<	0.00+- 0.24
176	861122	2.266+-	.884	5.345+-	.283				0.81+-	0.13	<	0.15+- 0.23
176	861128	.120+-	1.637	7.000+-	.348				0.81+-	0.13	<	0.00+- 0.23
176	861204	.000+-	2.315	3.547+-	.219				0.56+-	0.12	<	0.02+- 0.24
176	861210	1.463+-	1.689	2.929+-	.200				0.73+-	0.13	<	0.00+- 0.24
176	861216	.968+-	.687	2.513+-	.187				0.97+-	0.13	<	0.00+- 0.24
176	861222	1.721+-	.561	2.968+-	.201				0.66+-	0.13	<	0.00+- 0.24
176	861228	2.005+-	1.853	4.648+-	.259				1.22+-	0.14	<	0.00+- 0.24

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

		HNO3				HCL							
STA	DATE	DD		TF		DD		TF(J1)		TF(K1)		TF(K2)	
200	860102	.000+-	.139	1.195+-	.101	<	.000+-	1.189	<	.254+-	.808		
200	860108	.269+-	.188	3.222+-	.166	<	.035+-	1.189	<	.351+-	.808		
200	860114	.108+-	.087	.211+-	.086		.143+-	.236	<	.746+-	.825		
200	860120	.000+-	.108	.325+-	.087		.171+-	.236	<	.060+-	.829		
200	860126	4.691+-	.583	11.183+-	.491	>	4.034+-	.443		1.192+-	.465		
200	860201	.000+-	.088	.831+-	.094		.000+-	.354		1.047+-	.427		
200	860207	.022+-	.162	1.814+-	.119		.198+-	.226	<	.432+-	.825		
200	860213	.000+-	.072	1.268+-	.105	<	.059+-	.434	<	.000+-	.825		
200	860219	.000+-	.074	.446+-	.088		.000+-	.260		2.385+-	.440		
200	860225	.778+-	.150	.848+-	.094		1.751+-	.316		.900+-	.424		
200	860303	.056+-	.144	1.126+-	.101		.612+-	.228		1.715+-	.432		
200	860309	< .000+-	.129	.218+-	.086	<	.000+-	.433	<	.238+-	.821		
200	860315	.000+-	.072	.591+-	.090		.160+-	.239		2.287+-	.440		
200	860321	.371+-	.144	.870+-	.096		.908+-	.235		.838+-	.421		
200	860327	.331+-	.135	2.159+-	.130	>	.284+-	.345		.956+-	.423		
200	860402	.107+-	.094	.375+-	.087		.573+-	.318	<	.193+-	.825		
200	860408	.058+-	.080	.250+-	.086		.354+-	.223	<	.262+-	.825		
200	860414	.764+-	.152	.824+-	.094	1.346+-	.253			1.009+-	.425		
200	860420	1.367+-	.241	3.192+-	.166					1.554+-	.431		
200	860426	.292+-	.241	.567+-	.090				<	.367+-	.825		
200	860502	.044+-	.205	.477+-	.089				<	.265+-	.825		
200	860508	.080+-	.218	.435+-	.088				<	.646+-	.825	< 0.25+- 0.27 0.90+- 0.15	
200	860514	.279+-	.228	.587+-	.090					1.128+-	.425	0.81+- 0.14 < 0.04+- 0.27	
200	860520	.109+-	.206	.406+-	.088				<	.614+-	.829	0.36+- 0.14 < 0.10+- 0.27	
200	860526	.379+-	.208	.915+-	.097				<	.654+-	.829	0.46+- 0.14 < 0.00+- 0.27	
200	860601	< .007+-	.399	.427+-	.088				<	.415+-	.829	< 0.11+- 0.27 < 0.14+- 0.27	
200	860607	.043+-	.205	.275+-	.086				<	.758+-	.825	< 0.25+- 0.27 < 0.17+- 0.27	
200	860613	.000+-	.223	.487+-	.091					1.024+-	.434	0.82+- 0.14 < 0.02+- 0.27	
200	860619	.188+-	.224	.680+-	.093					1.402+-	.438	0.94+- 0.14 < 0.13+- 0.26	
200	860625	.017+-	.199	.627+-	.092					2.121+-	.448	0.60+- 0.14 < 0.17+- 0.26	

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

HNO3						HCL					
STA	DATE	DD	TF			DD	TF(J1)	TF(K1)	TF(K2)		
200	860701	> .150+-	.296	.597+-	.092		1.397+- .438	0.51+- 0.14	< 0.07+-	0.26	
200	860707	> .552+-	.297	.404+-	.090		1.051+- .435	< 0.21+- 0.26	< 0.00+-	0.26	
200	860713	> .253+-	.298	.748+-	.094	<	.060+- .843	0.41+- 0.14	< 0.07+-	0.28	
200	860719	.166+-	.210	.718+-	.097		.997+- .446	< 0.27+- 0.28	< 0.11+-	0.28	
200	860725	> .185+-	.299	< .000+-	.290		-9.900+- -9.900	0.49+- 0.14	< 0.00+-	0.28	
200	860731	.116+-	.222	< .074+-	.290			-9.90+- -9.90	-9.90+-	-9.90	
200	860806	-9.900+-	-9.900	-9.900+-	-9.900			-9.90+- -9.90	-9.90+-	-9.90	
200	860812	.000+-	.198	< .000+-	.289			0.49+- 0.14	< 0.11+-	0.28	
200	860818	-9.900+-	-9.900	-9.900+-	-9.900			-9.90+- -9.90	-9.90+-	-9.90	
200	860824	.196+-	.212	< .149+-	.289			1.30+- 0.15	< 0.08+-	0.27	
200	860830	.039+-	.206	< .076+-	.289			0.37+- 0.14	< 0.03+-	0.27	
200	860905	.081+-	.200	< .144+-	.289			< 0.27+- 0.27	< 0.00+-	0.27	
200	860911	.011+-	.198	.353+-	.150			0.95+- 0.14	< 0.10+-	0.27	
200	860917	.074+-	.200	< .000+-	.289			< 0.14+- 0.27	< 0.08+-	0.27	
200	860923	.024+-	.200	< .000+-	.289			0.50+- 0.14	< 0.00+-	0.27	
200	860929	.306+-	.224	< .047+-	.289			-9.90+- -9.90	-9.90+-	-9.90	
200	861005	.832+-	.212	1.753+-	.176			0.65+- 0.14	< 0.03+-	0.27	
200	861011	.209+-	.204	< .248+-	.290			1.24+- 0.15	< 0.18+-	0.27	
200	861017	.071+-	.206	< .086+-	.289			0.52+- 0.14	< 0.05+-	0.27	
200	861023	.075+-	.207	.611+-	.153			0.52+- 0.14	< 0.00+-	0.27	
200	861029	.213+-	.215	< .163+-	.289			0.98+- 0.15	< 0.13+-	0.27	
200	861104	.273+-	.232	.326+-	.150			0.81+- 0.14	< 0.00+-	0.27	
200	861110	1.438+-	.264	3.249+-	.218			1.57+- 0.16	< 0.07+-	0.27	
200	861116	.623+-	.282	6.258+-	.428			1.19+- 0.15	< 0.00+-	0.27	
200	861122	.021+-	.219	< .199+-	.289			0.61+- 0.14	< 0.01+-	0.27	
200	861128	1.251+-	.288	4.421+-	.258			1.58+- 0.16	< 0.00+-	0.27	
200	861204	.148+-	.209	.745+-	.155			< 0.25+- 0.27	< 0.00+-	0.27	
200	861210	.728+-	.260	1.535+-	.171			1.07+- 0.15	< 0.18+-	0.27	
200	861216	.000+-	.203	< .228+-	.289			0.35+- 0.14	< 0.03+-	0.27	
200	861222	.100+-	.207	.513+-	.152			0.44+- 0.14	< 0.02+-	0.27	
200	861228	.996+-	.246	1.638+-	.173			1.77+- 0.17	< 0.00+-	0.27	

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	HNO3		HCL					
		DD	TF	DD	TF(J1)	TF(K1)		TF(K2)	
300	860102	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900				
300	860108	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900				
300	860114	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900				
300	860120	2.203+- 1.612	3.658+- .183	< .193+- .436	< .175+- .827				
300	860126	.895+- .169	2.862+- .153	< .149+- .434	< .000+- .818				
300	860201	5.525+- .266	1.999+- .124	< .149+- .436	< .529+- .820				
300	860207	.503+- .146	1.325+- .106	< .017+- .438	< .067+- .827				
300	860213	1.006+- .118	1.704+- .116	< .000+- .352	< .000+- .822				
300	860219	.496+- .148	1.942+- .122	< .108+- .435	< .196+- .813				
300	860225	3.939+- .395	7.705+- .343	> .857+- .345	1.292+- .420				
300	860303	-9.900+--9.900	13.044+- .567	-9.900+--9.900	1.655+- .429				
300	860309	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900	-9.900+--9.900				
300	860315	1.441+- .224	3.682+- .184	> .475+- .345	1.731+- .431				
300	860321	2.236+- .295	4.868+- .229	< .212+- .422	1.091+- .415				
300	860327	3.282+- .212	4.126+- .199	> 2.206+- .354	2.165+- .430				
300	860402	3.063+- .294	4.512+- .215	> .893+- .346	1.092+- .423				
300	860408	3.012+- .445	5.834+- .267	> .699+- .345	< .776+- .818				
300	860414	3.067+- .427	5.134+- .240	-9.900+--9.900	< .446+- .818				
300	860420	3.540+- .276	7.544+- .337		< .251+- .814				
300	860426	5.190+- .512	14.159+- .614		1.447+- .423				
300	860502	7.815+- .626	12.995+- .565		1.177+- .421				
300	860508	4.636+- .447	7.478+- .334		1.213+- .420	1.12+- 0.14	< 0.25+- 0.26		
300	860514	2.624+- .457	11.031+- .482		1.024+- .418	0.85+- 0.14	< 0.22+- 0.25		
300	860520	5.678+- .560	9.271+- .408		< .794+- .814	0.76+- 0.13	< 0.08+- 0.25		
300	860526	8.739+- .683	13.981+- .606		1.043+- .417	0.89+- 0.14	< 0.18+- 0.25		
300	860601	6.219+- .578	11.661+- .509		1.371+- .428	0.70+- 0.13	< 0.12+- 0.26		
300	860607	7.736+- .635	14.636+- .634		1.239+- .427	0.80+- 0.14	< 0.12+- 0.26		
300	860613	13.760+- .781	18.009+- .775		1.241+- .425	1.88+- 0.16	< 0.06+- 0.25		
300	860619	12.325+- .761	21.033+- .903		2.028+- .433	1.12+- 0.14	< 0.05+- 0.25		
300	860625	19.014+- 1.012	24.223+- 1.038		2.208+- .439	1.25+- 0.15	0.81+- 0.14		

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

STA	DATE	HNO3				HCL				
		DD	TF			DD	TF(J1)	TF(K1)	TF(K2)	
300	860701	13.387+-	.742	18.679+-	.804		2.177+- .433	0.80+- 0.13	<	0.00+- 0.25
300	860707	7.740+-	.481	11.372+-	.497		< .000+- .832	0.61+- 0.13	<	0.00+- 0.26
300	860713	8.960+-	.478	9.644+-	.425		< .231+- .814	0.55+- 0.13	<	0.00+- 0.25
300	860719	13.130+-	.659	14.823+-	.641		5.699+- .511	0.88+- 0.14	<	0.00+- 0.26
300	860725	8.626+-	.571	11.102+-	.515		-9.900+- -9.900	0.71+- 0.13	<	0.00+- 0.25
300	860731	19.305+-	.971	22.770+-	1.002			1.01+- 0.14	<	0.02+- 0.25
300	860806	21.043+-	1.083	25.478+-	1.116			1.09+- 0.14	<	0.03+- 0.25
300	860812	18.899+-	.980	23.341+-	1.026			1.28+- 0.15	<	0.25+- 0.25
300	860818	15.075+-	.742	17.194+-	.768			0.99+- 0.14	<	0.05+- 0.25
300	860824	9.495+-	.548	10.134+-	.475			1.49+- 0.15	<	0.00+- 0.25
300	860830	11.185+-	.606	13.419+-	.611			0.80+- 0.14	<	0.00+- 0.25
300	860905	19.045+-	.940	21.136+-	.933			1.47+- 0.15	<	0.06+- 0.26
300	860911	10.203+-	.761	15.679+-	.705			1.07+- 0.14	<	0.00+- 0.26
300	860917	10.474+-	.606	13.089+-	.596			1.00+- 0.15	<	0.01+- 0.27
300	860923	2.483+-	.321	2.431+-	.190			0.55+- 0.14	<	0.08+- 0.26
300	860929	-9.900+-	-9.900	10.109+-	.475			0.71+- 0.14	<	0.18+- 0.26
300	861005	2.885+-	.261	2.610+-	.195			< 0.20+- 0.26		0.27+- 0.13
300	861011	1.510+-	.286	2.990+-	.206			0.27+- 0.13	<	0.02+- 0.26
300	861017	5.596+-	.729	9.587+-	.454			0.67+- 0.13	<	0.03+- 0.26
300	861023	9.068+-	.995	15.607+-	.702			1.18+- 0.14		0.67+- 0.13
300	861029	19.070+-	1.795	34.330+-	1.489			0.69+- 0.13	<	0.03+- 0.26
300	861104	6.303+-	.424	6.142+-	.317			< 0.10+- 0.25	<	0.00+- 0.25
300	861110	2.659+-	.272	2.482+-	.194			< 0.05+- 0.26	<	0.00+- 0.26
300	861116	2.677+-	.315	3.026+-	.206			< 0.08+- 0.26	<	0.00+- 0.26
300	861122	1.360+-	.367	2.868+-	.203			< 0.02+- 0.26	<	0.00+- 0.26
300	861128	3.007+-	.365	3.502+-	.223			< 0.07+- 0.25	<	0.00+- 0.25
300	861204	2.080+-	.651	5.007+-	.275			< 0.12+- 0.26	<	0.00+- 0.26
300	861210	4.170+-	.748	7.527+-	.372			< 0.18+- 0.27	<	0.06+- 0.27
300	861216	1.752+-	.380	2.780+-	.201			< 0.15+- 0.26	<	0.00+- 0.26
300	861222	1.390+-	.393	2.902+-	.204			< 0.07+- 0.26	<	0.00+- 0.26
300	861228	1.614+-	.256	2.404+-	.191			< 0.05+- 0.27	<	0.00+- 0.27

## Part U

Gas Phase HF, Acetic Acid and Formic Acid  
Concentrations at Nine Locations in the  
South Coast Air Basin, 1986

This section contains data on the concentrations of HF, acetic acid, and formic acid measured in the Los Angeles area during the 8-month period May - December, 1986. The sampling sites employed were located at Burbank, Downtown Los Angeles, Hawthorne, Long Beach, Anaheim, Rubidoux, Upland, Tanbark Flats, and San Nicolas Island. Measurements were made at 6-day intervals during 1986 in conjunction with the NASN sampling schedule. Daily average concentrations (and  $1\sigma$  error bounds) for gas phase HF, acetic acid and formic acid are tabulated. Error bounds were obtained by statistically propagating the sampling and analytical precisions.

HF, acetic acid and formic acid were collected by the tandem filter method (TF). The tandem filter unit used contained two KOH impregnated backup filters in series; the top backup filter is specified as TF(K1) while the lower backup filter is specified as TF(K2).

Acetic acid measurements may be subject to a positive artifact induced by conversion of peroxyacetyl nitrate (PAN) to acetate on alkaline substrates. The actual extent of this potential artifact is unknown at present. These data on  $\text{CH}_3\text{COOH}$  concentrations should be treated as an upper limit on actual  $\text{CH}_3\text{COOH}$  concentrations in the atmosphere.

For values less than the detection limit (noted by '<'), the nominal calculated concentration is reported and the error bound is equal to the detection limit determined for that sample. Therefore, in those cases the error bound is greater than the nominal measured concentration. Throughout these tables, missing data are indicated by the value  $-9.900 \pm -9.900$ .

## GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT BURBANK

STA	DATE	HF		FORMIC ACID		ACETIC ACID	
		TF(K1)	TF(K2)	TF(K1)	TF(K2)	TF(K1)	TF(K2)
069 860508		< 0.041+- 0.082	< 0.000+- 0.082	6.51+- 0.32	< 0.41+- 0.48	5.91+- 2.72	< 3.33+- 5.37
069 860514		< 0.047+- 0.080	< 0.000+- 0.080	7.11+- 0.32	< 0.10+- 0.46	16.87+- 2.79	< 0.82+- 5.24
069 860520		0.107+- 0.056	< 0.043+- 0.080	10.95+- 0.41	< 0.43+- 0.47	24.13+- 2.94	5.89+- 2.67
069 860526		0.107+- 0.056	< 0.027+- 0.081	12.90+- 0.46	< 0.31+- 0.47	30.56+- 3.10	5.89+- 2.68
069 860601		0.122+- 0.058	< 0.058+- 0.080	10.11+- 0.39	< 0.38+- 0.46	21.26+- 2.87	< 0.68+- 5.24
069 860607		< 0.005+- 0.082	< 0.000+- 0.082	6.99+- 0.33	1.74+- 0.25	< 0.00+- 5.37	-9.90+-9.90
069 860613		0.209+- 0.074	< 0.000+- 0.080	10.84+- 0.41	0.58+- 0.23	11.04+- 2.71	< 3.04+- 5.24
069 860619		0.158+- 0.065	< 0.041+- 0.081	11.44+- 0.43	0.80+- 0.24	10.38+- 2.74	< 4.21+- 5.33
069 860625		0.160+- 0.065	-9.900+-9.900	-9.90+-9.90	< 0.46+- 0.47	-9.90+-9.90	< 3.66+- 5.26
069 860701		0.256+- 0.085	0.157+- 0.065	12.67+- 0.46	0.88+- 0.24	9.24+- 2.72	< 0.30+- 5.31
069 860707		0.116+- 0.057	< 0.000+- 0.081	8.26+- 0.35	0.57+- 0.24	11.40+- 2.75	6.26+- 2.70
069 860713		< 0.080+- 0.080	< 0.080+- 0.080	11.35+- 0.42	0.86+- 0.24	16.88+- 2.80	9.14+- 2.69
069 860719		< 0.048+- 0.081	0.279+- 0.089	12.48+- 0.45	< 0.23+- 0.47	11.64+- 2.75	< 3.05+- 5.32
069 860725		< 0.042+- 0.080	< 0.080+- 0.080	6.48+- 0.31	< 0.12+- 0.47	11.46+- 2.72	< 4.80+- 5.26
069 860731		0.199+- 0.073	< 0.080+- 0.080	16.23+- 0.55	0.59+- 0.24	24.61+- 2.95	< 3.95+- 5.28
069 860806		0.134+- 0.060	< 0.080+- 0.080	15.81+- 0.54	< 0.34+- 0.46	33.34+- 3.14	6.49+- 2.66
069 860812		< 0.071+- 0.080	< 0.080+- 0.080	12.61+- 0.45	< 0.45+- 0.47	20.51+- 2.86	6.13+- 2.67
069 860818		0.084+- 0.052	< 0.012+- 0.081	8.40+- 0.35	2.48+- 0.25	< 4.04+- 5.32	< 3.24+- 5.32
069 860824		-9.900+-9.900	-9.900+-9.900	17.19+- 0.58	< 0.18+- 0.47	18.00+- 2.83	5.45+- 2.67
069 860830		< 0.080+- 0.080	< 0.003+- 0.080	10.16+- 0.39	1.30+- 0.24	12.48+- 2.74	5.64+- 2.67
069 860905		< 0.080+- 0.080	< 0.080+- 0.080	13.05+- 0.47	2.20+- 0.25	10.98+- 2.70	13.44+- 2.73
069 860911		< 0.033+- 0.080	< 0.080+- 0.080	9.26+- 0.37	< 0.02+- 0.47	21.91+- 2.89	< 3.16+- 5.26
069 860917		< 0.080+- 0.080	< 0.080+- 0.080	8.63+- 0.36	< 0.21+- 0.47	18.51+- 2.83	< 3.47+- 5.26
069 860923		< 0.080+- 0.080	< 0.080+- 0.080	4.84+- 0.28	< 0.00+- 0.47	12.55+- 2.74	< 3.01+- 5.26
069 860929		< 0.081+- 0.081	< 0.081+- 0.081	11.72+- 0.43	< 0.25+- 0.47	18.19+- 2.84	5.81+- 2.68
069 861005		< 0.000+- 0.081	< 0.081+- 0.081	5.67+- 0.30	< 0.00+- 0.47	8.15+- 2.70	< 2.82+- 5.29
069 861011		< 0.000+- 0.081	< 0.081+- 0.081	5.50+- 0.30	< 0.00+- 0.47	12.24+- 2.77	< 0.33+- 5.33
069 861017		< 0.000+- 0.082	< 0.000+- 0.082	1.37+- 0.24	0.81+- 0.24	< 1.15+- 5.37	< 0.05+- 5.37
069 861023		< 0.080+- 0.080	< 0.080+- 0.080	7.49+- 0.33	1.69+- 0.24	13.22+- 2.76	< 3.94+- 5.29
069 861029		< 0.081+- 0.081	< 0.081+- 0.081	15.34+- 0.53	< 0.44+- 0.47	22.33+- 2.92	7.52+- 2.70
069 861104		< 0.081+- 0.081	< 0.081+- 0.081	12.82+- 0.46	0.85+- 0.24	20.12+- 2.88	14.94+- 2.80
069 861110		< 0.081+- 0.081	< 0.081+- 0.081	5.71+- 0.30	1.84+- 0.25	5.56+- 2.71	5.51+- 2.71
069 861116		< 0.081+- 0.081	< 0.081+- 0.081	7.72+- 0.34	< 0.18+- 0.47	15.88+- 2.80	8.46+- 2.71
069 861122		< 0.000+- 0.081	< 0.081+- 0.081	1.59+- 0.24	< 0.00+- 0.47	< 1.77+- 5.32	< 0.33+- 5.32
069 861128		< 0.081+- 0.081	< 0.081+- 0.081	8.23+- 0.35	1.91+- 0.25	10.80+- 2.73	< 3.08+- 5.30
069 861204		< 0.081+- 0.081	< 0.081+- 0.081	13.39+- 0.48	0.73+- 0.24	16.13+- 2.80	< 3.97+- 5.29
069 861210		< 0.081+- 0.081	< 0.081+- 0.081	4.59+- 0.28	0.90+- 0.24	< 4.73+- 5.29	9.36+- 2.71
069 861216		0.430+- 0.123	< 0.081+- 0.081	7.17+- 0.33	0.47+- 0.24	14.29+- 2.80	5.53+- 2.70
069 861222		-9.900+-9.900	< 0.081+- 0.081	5.99+- 0.30	< 0.30+- 0.47	< 3.13+- 5.32	< 3.59+- 5.32
069 861228		< 0.011+- 0.083	< 0.004+- 0.083	5.28+- 0.30	0.74+- 0.24	7.38+- 2.76	8.44+- 2.77



GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT LONG BEACH

STA	DATE	HF		FORMIC ACID		ACETIC ACID	
		TF(K1)	TF(K2)	TF(K1)	TF(K2)	TF(K1)	TF(K2)
072 860508		0.082+- 0.051	< 0.058+- 0.079	3.77+- 0.26	0.56+- 0.23	< 4.17+- 5.22	6.81+- 2.65
072 860514		< 0.074+- 0.080	< 0.042+- 0.080	3.49+- 0.26	< 0.29+- 0.46	8.57+- 2.68	< 0.73+- 5.23
072 860520		0.091+- 0.053	< 0.059+- 0.081	5.00+- 0.29	< 0.46+- 0.47	13.89+- 2.77	< 1.42+- 5.30
072 860526		-9.900+-9.900	-9.900+-9.900	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90
072 860601		-9.900+-9.900	-9.900+-9.900	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90
072 860607		-9.900+-9.900	-9.900+-9.900	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90
072 860613		0.180+- 0.069	< 0.000+- 0.080	5.35+- 0.29	1.47+- 0.24	11.00+- 2.72	< 1.81+- 5.26
072 860619		0.144+- 0.062	< 0.020+- 0.080	6.64+- 0.31	< 0.34+- 0.46	13.85+- 2.74	< 2.46+- 5.23
072 860625		0.122+- 0.058	< 0.004+- 0.080	4.54+- 0.28	< 0.32+- 0.47	< 0.00+- 5.25	< 2.73+- 5.25
072 860701		0.268+- 0.087	0.088+- 0.052	6.07+- 0.30	2.23+- 0.25	9.52+- 2.68	7.25+- 2.66
072 860707		< 0.064+- 0.081	< 0.000+- 0.081	5.02+- 0.29	0.72+- 0.24	11.26+- 2.75	< 1.01+- 5.33
072 860713		< 0.039+- 0.080	< 0.000+- 0.080	8.07+- 0.35	1.21+- 0.24	21.56+- 2.88	9.45+- 2.70
072 860719		0.166+- 0.066	< 0.069+- 0.079	7.28+- 0.33	< 0.07+- 0.46	11.14+- 2.69	< 0.00+- 5.20
072 860725		0.151+- 0.063	0.129+- 0.059	4.48+- 0.28	< 0.15+- 0.46	15.61+- 2.76	< 0.00+- 5.23
072 860731		0.104+- 0.055	< 0.000+- 0.081	4.36+- 0.28	2.84+- 0.26	12.65+- 2.76	10.14+- 2.73
072 860806		< 0.046+- 0.080	< 0.000+- 0.080	5.35+- 0.29	< 0.40+- 0.47	12.67+- 2.75	< 2.59+- 5.29
072 860812		< 0.052+- 0.080	< 0.003+- 0.080	6.49+- 0.31	0.53+- 0.23	19.94+- 2.85	< 2.68+- 5.25
072 860818		0.087+- 0.052	< 0.000+- 0.079	9.18+- 0.37	1.22+- 0.24	12.41+- 2.69	7.25+- 2.63
072 860824		0.156+- 0.064	< 0.056+- 0.080	2.88+- 0.25	1.86+- 0.24	< 2.10+- 5.22	7.36+- 2.66
072 860830		0.244+- 0.082	0.255+- 0.084	6.07+- 0.30	0.79+- 0.23	15.60+- 2.76	< 4.46+- 5.23
072 860905		< 0.079+- 0.079	< 0.079+- 0.079	0.59+- 0.23	6.06+- 0.30	< 2.42+- 5.21	7.85+- 2.66
072 860911		< 0.033+- 0.080	< 0.000+- 0.080	5.03+- 0.29	< 0.25+- 0.47	11.15+- 2.72	< 1.39+- 5.26
072 860917		< 0.023+- 0.080	< 0.080+- 0.080	5.17+- 0.29	0.65+- 0.24	16.55+- 2.79	6.12+- 2.67
072 860923		< 0.080+- 0.080	< 0.080+- 0.080	3.44+- 0.26	< 0.00+- 0.47	15.50+- 2.78	< 0.00+- 5.26
072 860929		< 0.008+- 0.080	< 0.080+- 0.080	3.10+- 0.26	2.05+- 0.25	< 3.35+- 5.26	12.35+- 2.73
072 861005		0.106+- 0.055	< 0.080+- 0.080	7.33+- 0.33	1.16+- 0.24	9.09+- 2.69	6.62+- 2.66
072 861011		< 0.080+- 0.080	< 0.080+- 0.080	3.48+- 0.26	0.70+- 0.24	9.73+- 2.69	< 2.53+- 5.24
072 861017		< 0.013+- 0.080	< 0.080+- 0.080	2.83+- 0.25	< 0.00+- 0.47	5.78+- 2.67	< 0.00+- 5.26
072 861023		< 0.041+- 0.080	< 0.000+- 0.080	2.72+- 0.25	1.83+- 0.24	< 3.36+- 5.27	< 2.36+- 5.27
072 861029		< 0.050+- 0.080	< 0.080+- 0.080	5.18+- 0.29	1.00+- 0.24	< 4.29+- 5.25	9.11+- 2.69
072 861104		< 0.080+- 0.080	< 0.080+- 0.080	5.15+- 0.29	0.69+- 0.24	14.43+- 2.77	< 3.61+- 5.29
072 861110		0.141+- 0.061	< 0.080+- 0.080	1.77+- 0.24	3.49+- 0.26	< 2.12+- 5.24	< 4.51+- 5.24
072 861116		0.143+- 0.061	< 0.080+- 0.080	8.34+- 0.35	0.60+- 0.23	16.64+- 2.78	7.86+- 2.67
072 861122		< 0.080+- 0.080	< 0.080+- 0.080	1.69+- 0.24	< 0.43+- 0.47	< 4.96+- 5.27	< 5.18+- 5.27
072 861128		< 0.080+- 0.080	< 0.080+- 0.080	5.69+- 0.30	2.69+- 0.25	11.28+- 2.72	< 5.22+- 5.25
072 861204		< 0.080+- 0.080	< 0.080+- 0.080	4.32+- 0.27	3.62+- 0.26	8.80+- 2.70	12.46+- 2.74
072 861210		< 0.038+- 0.081	< 0.081+- 0.081	2.49+- 0.25	2.17+- 0.25	< 3.69+- 5.32	5.86+- 2.70
072 861216		< 0.080+- 0.080	< 0.080+- 0.080	5.94+- 0.30	0.55+- 0.24	22.90+- 2.91	< 1.40+- 5.27
072 861222		< 0.080+- 0.080	< 0.080+- 0.080	3.70+- 0.26	0.57+- 0.24	-9.90+-9.90	-9.90+-9.90
072 861228		0.159+- 0.065	< 0.081+- 0.081	7.43+- 0.33	0.62+- 0.24	20.21+- 2.89	11.29+- 2.76

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT HAWTHORNE

		HF				FORMIC ACID				ACETIC ACID								
STA	DATE	TF(K1)		TF(K2)		TF(K1)		TF(K2)		TF(K1)		TF(K2)						
076	860508	0.119+-	0.057	<	0.057+-	0.078	3.97+-	0.26	<	0.25+-	0.46	19.74+-	2.79	<	3.19+-	5.14		
076	860514	0.104+-	0.054	<	0.057+-	0.078	2.97+-	0.25	<	0.16+-	0.46	6.73+-	2.61	<	0.00+-	5.14		
076	860520	0.105+-	0.054		0.089+-	0.052	3.68+-	0.26		0.50+-	0.23	11.78+-	2.68	<	1.64+-	5.18		
076	860526	0.088+-	0.052	<	0.042+-	0.078	5.15+-	0.28		0.69+-	0.23	9.96+-	2.65		5.95+-	2.61		
076	860601	0.105+-	0.054		0.089+-	0.052	1.70+-	0.24		1.43+-	0.24	<	0.46+-	5.18	<	1.36+-	5.18	
076	860607	0.092+-	0.053	<	0.026+-	0.079	4.22+-	0.27	<	0.01+-	0.46	7.58+-	2.65	<	0.00+-	5.19		
076	860613	0.136+-	0.060	<	0.045+-	0.079	2.30+-	0.24		1.19+-	0.23	<	3.03+-	5.16	<	1.84+-	5.16	
076	860619	0.124+-	0.058	<	0.000+-	0.078	3.53+-	0.26		1.31+-	0.23	<	1.07+-	5.14	5.24+-	2.60		
076	860625	0.104+-	0.054	<	0.010+-	0.078	3.52+-	0.26	<	0.46+-	0.46	9.04+-	2.64	<	5.14+-	5.14		
076	860701	0.207+-	0.074		0.092+-	0.052	2.59+-	0.25		1.76+-	0.24	<	2.76+-	5.16	<	2.38+-	5.16	
076	860707	<	0.028+-	0.080	<	0.000+-	0.080	3.05+-	0.25		0.58+-	0.23	7.19+-	2.66	<	0.00+-	5.23	
076	860713	<	0.078+-	0.078	<	0.078+-	0.078	4.74+-	0.28		0.61+-	0.23	14.82+-	2.71	<	3.44+-	5.14	
076	860719	0.079+-	0.050	<	0.034+-	0.079	3.46+-	0.26	<	0.06+-	0.46	6.17+-	2.62	<	0.73+-	5.16		
076	860725	0.148+-	0.062	<	0.076+-	0.078	1.69+-	0.24	<	0.44+-	0.46	5.57+-	2.61	<	2.18+-	5.14		
076	860731	<	0.010+-	0.079	<	0.000+-	0.079	4.36+-	0.27		0.51+-	0.23	12.27+-	2.69	<	0.15+-	5.18	
076	860806	<	0.044+-	0.078	<	0.000+-	0.078	3.66+-	0.26		2.31+-	0.24	7.72+-	2.62		5.96+-	2.61	
076	860812	<	0.030+-	0.081	<	0.000+-	0.081	3.85+-	0.27		0.72+-	0.24	13.79+-	2.78	<	3.98+-	5.32	
076	860818	<	0.064+-	0.078	<	0.078+-	0.078	8.76+-	0.36		0.75+-	0.23	9.93+-	2.63		8.39+-	2.62	
076	860824	-9.900+-	-9.900		0.110+-	0.055	4.49+-	0.27		0.76+-	0.23	5.41+-	2.62		6.82+-	2.63		
076	860830	0.083+-	0.051	<	0.061+-	0.078	5.23+-	0.28	<	0.36+-	0.46	17.80+-	2.75	<	0.17+-	5.13		
076	860905	<	0.078+-	0.078	<	0.078+-	0.078	4.00+-	0.26		0.90+-	0.23	6.55+-	2.61		5.19+-	2.59	
076	860911	<	0.000+-	0.079	<	0.000+-	0.079	4.87+-	0.28		0.48+-	0.23	13.79+-	2.72	<	0.00+-	5.20	
076	860917	<	0.068+-	0.078	<	0.078+-	0.078	5.92+-	0.30	<	0.31+-	0.46	16.37+-	2.74	<	1.87+-	5.15	
076	860923	<	0.006+-	0.078	<	0.078+-	0.078	2.89+-	0.25	<	0.26+-	0.46	9.81+-	2.64	<	3.96+-	5.14	
076	860929	<	0.018+-	0.079	<	0.079+-	0.079	4.31+-	0.27	<	0.41+-	0.46	7.31+-	2.63	<	3.39+-	5.16	
076	861005	0.405+-	0.117		0.925+-	0.238	4.82+-	0.28		0.87+-	0.23	<	4.47+-	5.14		7.48+-	2.62	
076	861011	<	0.079+-	0.079	<	0.079+-	0.079	2.71+-	0.25		0.59+-	0.23	5.81+-	2.62	<	0.27+-	5.16	
076	861017	<	0.079+-	0.079	<	0.079+-	0.079	3.01+-	0.25		0.73+-	0.23	<	4.08+-	5.18	<	4.17+-	5.18
076	861023	<	0.055+-	0.080	<	0.000+-	0.080	3.95+-	0.27	<	0.21+-	0.46	6.44+-	2.65	<	1.19+-	5.23	
076	861029	<	0.037+-	0.079	<	0.079+-	0.079	5.30+-	0.29	<	0.34+-	0.46	12.84+-	2.69	<	0.05+-	5.16	
076	861104	<	0.078+-	0.078	<	0.078+-	0.078	5.12+-	0.28	<	0.24+-	0.45	17.02+-	2.73	<	1.33+-	5.11	
076	861110	<	0.078+-	0.078	<	0.078+-	0.078	5.01+-	0.28		0.51+-	0.23	10.75+-	2.66		6.44+-	2.62	
076	861116	<	0.078+-	0.078	<	0.078+-	0.078	8.54+-	0.35	<	0.24+-	0.46	23.85+-	2.87		5.80+-	2.61	
076	861122	<	0.079+-	0.079	<	0.079+-	0.079	1.30+-	0.23	<	0.18+-	0.46	<	1.96+-	5.16	<	3.04+-	5.16
076	861128	<	0.077+-	0.077	<	0.077+-	0.077	5.12+-	0.28		0.51+-	0.23	8.32+-	2.59		5.44+-	2.57	
076	861204	<	0.073+-	0.079	<	0.079+-	0.079	8.60+-	0.35	<	0.35+-	0.46	20.31+-	2.82	<	3.70+-	5.18	
076	861210	<	0.000+-	0.078	<	0.078+-	0.078	5.25+-	0.28	<	0.16+-	0.45	11.95+-	2.65	<	3.61+-	5.11	
076	861216	<	0.079+-	0.079	<	0.079+-	0.079	6.67+-	0.31	<	0.37+-	0.46	21.36+-	2.84	<	1.76+-	5.17	
076	861222	-9.900+-	-9.900	<	0.079+-	0.079	3.97+-	0.27	<	0.25+-	0.46	-9.90+-	-9.90		-9.90+-	-9.90		
076	861228	<	0.052+-	0.080	<	0.080+-	0.080	7.70+-	0.34	<	0.29+-	0.47	23.29+-	2.92		7.01+-	2.68	

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

STA	DATE	HF		FORMIC ACID		ACETIC ACID	
		TF(K1)	TF(K2)	TF(K1)	TF(K2)	TF(K1)	TF(K2)
087 860508		0.135+- 0.060	< 0.042+- 0.078	6.78+- 0.31	< 0.30+- 0.46	8.79+- 2.64	< 1.67+- 5.15
087 860514		0.104+- 0.054	< 0.042+- 0.078	6.55+- 0.31	< 0.16+- 0.45	13.70+- 2.68	< 0.00+- 5.12
087 860520		0.136+- 0.060	< 0.057+- 0.079	9.74+- 0.38	0.92+- 0.23	19.08+- 2.79	5.47+- 2.61
087 860526		0.104+- 0.054	< 0.039+- 0.078	10.75+- 0.41	0.63+- 0.23	23.49+- 2.86	5.96+- 2.61
087 860601		0.175+- 0.067	0.089+- 0.052	6.68+- 0.31	1.20+- 0.23	8.89+- 2.65	6.66+- 2.63
087 860607		0.137+- 0.060	< 0.000+- 0.079	6.88+- 0.32	1.52+- 0.24	7.52+- 2.63	7.87+- 2.63
087 860613		0.127+- 0.058	< 0.000+- 0.079	10.51+- 0.40	0.71+- 0.23	18.53+- 2.78	< 2.80+- 5.17
087 860619		0.133+- 0.059	< 0.000+- 0.079	9.84+- 0.38	1.79+- 0.24	10.00+- 2.66	< 3.42+- 5.17
087 860625		0.124+- 0.057	< 0.002+- 0.078	10.19+- 0.39	1.32+- 0.23	14.72+- 2.70	5.46+- 2.59
087 860701		0.217+- 0.075	0.131+- 0.059	-9.90+- -9.90	1.18+- 0.23	8.10+- 2.62	< 2.18+- 5.12
087 860707		< 0.024+- 0.079	< 0.000+- 0.079	10.40+- 0.40	< 0.40+- 0.46	-9.90+- -9.90	7.86+- 2.63
087 860713		< 0.031+- 0.080	< 0.080+- 0.080	2.87+- 0.25	6.62+- 0.31	< 1.98+- 5.22	8.02+- 2.67
087 860719		0.128+- 0.058	< 0.037+- 0.079	10.02+- 0.39	< 0.42+- 0.46	9.25+- 2.65	< 0.48+- 5.17
087 860725		0.119+- 0.057	0.107+- 0.055	6.25+- 0.30	< 0.36+- 0.46	14.63+- 2.71	5.28+- 2.60
087 860731		-9.90+- -9.90	-9.90+- -9.90	-9.90+- -9.90	-9.90+- -9.90	-9.90+- -9.90	-9.90+- -9.90
087 860806		0.085+- 0.051	< 0.079+- 0.079	10.19+- 0.39	0.84+- 0.23	14.71+- 2.72	9.48+- 2.65
087 860812		< 0.048+- 0.079	< 0.000+- 0.079	11.04+- 0.41	0.49+- 0.23	27.05+- 2.95	< 4.39+- 5.16
087 860818		< 0.070+- 0.079	< 0.000+- 0.079	8.55+- 0.35	2.45+- 0.24	< 5.03+- 5.16	5.40+- 2.61
087 860824		< 0.079+- 0.079	< 0.079+- 0.079	12.11+- 0.44	0.64+- 0.23	22.64+- 2.86	7.13+- 2.63
087 860830		0.237+- 0.080	0.133+- 0.059	11.59+- 0.43	0.65+- 0.23	23.72+- 2.87	7.67+- 2.63
087 860905		< 0.051+- 0.078	< 0.078+- 0.078	9.56+- 0.38	3.17+- 0.25	9.75+- 2.64	7.81+- 2.62
087 860911		< 0.004+- 0.078	< 0.000+- 0.078	0.57+- 0.23	7.72+- 0.33	< 0.99+- 5.13	17.07+- 2.74
087 860917		< 0.017+- 0.079	< 0.000+- 0.079	4.49+- 0.27	2.93+- 0.25	5.68+- 2.61	< 3.12+- 5.16
087 860923		< 0.078+- 0.078	< 0.078+- 0.078	4.24+- 0.27	< 0.21+- 0.46	9.90+- 2.65	5.33+- 2.60
087 860929		< 0.042+- 0.079	< 0.079+- 0.079	8.75+- 0.36	< 0.34+- 0.46	15.35+- 2.73	< 4.25+- 5.17
087 861005		< 0.079+- 0.079	< 0.079+- 0.079	6.37+- 0.31	< 0.36+- 0.46	6.61+- 2.62	< 2.84+- 5.16
087 861011		< 0.079+- 0.079	< 0.079+- 0.079	3.29+- 0.26	1.65+- 0.24	6.92+- 2.63	5.21+- 2.62
087 861017		< 0.079+- 0.079	< 0.079+- 0.079	5.02+- 0.28	2.09+- 0.24	8.44+- 2.65	7.77+- 2.65
087 861023		< 0.030+- 0.079	< 0.000+- 0.079	8.24+- 0.35	0.66+- 0.23	13.76+- 2.71	5.57+- 2.62
087 861029		< 0.079+- 0.079	< 0.079+- 0.079	10.55+- 0.40	3.38+- 0.26	17.30+- 2.76	13.72+- 2.70
087 861104		< 0.078+- 0.078	< 0.078+- 0.078	12.36+- 0.45	0.62+- 0.23	23.52+- 2.86	< 4.36+- 5.14
087 861110		< 0.000+- 0.079	< 0.079+- 0.079	3.76+- 0.26	1.81+- 0.24	< 2.15+- 5.19	< 1.83+- 5.19
087 861116		< 0.078+- 0.078	< 0.078+- 0.078	7.59+- 0.33	< 0.23+- 0.46	14.57+- 2.71	5.22+- 2.60
087 861122		0.145+- 0.061	< 0.079+- 0.079	1.91+- 0.24	< 0.13+- 0.46	< 2.10+- 5.16	< 2.20+- 5.16
087 861128		< 0.079+- 0.079	< 0.079+- 0.079	6.19+- 0.30	2.29+- 0.25	9.57+- 2.67	< 3.02+- 5.21
087 861204		< 0.079+- 0.079	< 0.079+- 0.079	14.80+- 0.51	1.20+- 0.24	13.66+- 2.72	< 4.86+- 5.21
087 861210		< 0.079+- 0.079	< 0.079+- 0.079	3.76+- 0.26	1.87+- 0.24	< 3.52+- 5.21	7.39+- 2.65
087 861216		< 0.023+- 0.080	< 0.080+- 0.080	6.24+- 0.31	0.57+- 0.23	10.79+- 2.70	6.42+- 2.66
087 861222		-9.90+- -9.90	-9.90+- -9.90	-9.90+- -9.90	-9.90+- -9.90	-9.90+- -9.90	-9.90+- -9.90
087 861228		< 0.030+- 0.080	< 0.041+- 0.080	7.50+- 0.33	1.43+- 0.24	10.75+- 2.72	7.47+- 2.69

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT RUBIDOUX

STA	DATE	HF		FORMIC ACID		ACETIC ACID	
		TF(K1)	TF(K2)	TF(K1)	TF(K2)	TF(K1)	TF(K2)
144	860508	< 0.058+- 0.079	< 0.074+- 0.079	4.17+- 0.27	< 0.26+- 0.46	9.59+- 2.67	< 3.12+- 5.21
144	860514	0.090+- 0.052	< 0.042+- 0.079	6.15+- 0.30	< 0.20+- 0.46	16.62+- 2.77	< 0.97+- 5.21
144	860520	0.136+- 0.060	0.089+- 0.052	7.92+- 0.34	0.61+- 0.23	14.95+- 2.73	< 4.42+- 5.18
144	860526	< 0.074+- 0.079	< 0.042+- 0.079	8.34+- 0.35	0.79+- 0.23	14.13+- 2.73	6.77+- 2.65
144	860601	0.170+- 0.067	0.100+- 0.054	6.22+- 0.31	< 0.26+- 0.47	10.96+- 2.71	< 2.85+- 5.25
144	860607	0.169+- 0.066	< 0.000+- 0.079	5.57+- 0.29	1.64+- 0.24	< 3.66+- 5.19	5.71+- 2.63
144	860613	0.169+- 0.067	< 0.039+- 0.080	9.61+- 0.38	< 0.40+- 0.47	13.02+- 2.74	< 3.97+- 5.27
144	860619	0.101+- 0.054	-9.900+-9.900	7.07+- 0.32	-9.90+-9.90	< 4.59+- 5.22	-9.90+-9.90
144	860625	-9.900+-9.900	-9.900+-9.900	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90
144	860701	0.307+- 0.095	0.189+- 0.070	8.70+- 0.36	0.85+- 0.23	9.03+- 2.65	< 4.70+- 5.18
144	860707	0.138+- 0.061	< 0.000+- 0.081	7.98+- 0.35	< 0.42+- 0.47	14.15+- 2.79	6.51+- 2.71
144	860713	< 0.046+- 0.079	< 0.000+- 0.079	8.12+- 0.34	< 0.32+- 0.46	13.18+- 2.71	< 1.33+- 5.19
144	860719	0.086+- 0.052	0.081+- 0.051	8.13+- 0.35	0.54+- 0.23	5.61+- 2.64	< 3.20+- 5.21
144	860725	0.516+- 0.142	0.289+- 0.091	6.55+- 0.31	< 0.17+- 0.46	14.76+- 2.75	5.99+- 2.66
144	860731	0.089+- 0.052	< 0.076+- 0.079	12.23+- 0.44	0.93+- 0.23	15.22+- 2.74	9.54+- 2.67
144	860806	< 0.080+- 0.080	< 0.055+- 0.080	9.96+- 0.39	< 0.34+- 0.46	21.90+- 2.87	< 5.05+- 5.23
144	860812	< 0.061+- 0.079	< 0.000+- 0.079	9.54+- 0.38	< 0.30+- 0.46	12.45+- 2.70	< 4.36+- 5.19
144	860818	< 0.042+- 0.079	< 0.079+- 0.079	5.12+- 0.28	2.64+- 0.25	< 3.50+- 5.19	5.84+- 2.63
144	860824	-9.900+-9.900	-9.900+-9.900	9.44+- 0.37	0.66+- 0.23	16.14+- 2.74	8.55+- 2.65
144	860830	0.117+- 0.057	< 0.079+- 0.079	9.22+- 0.37	1.02+- 0.23	12.32+- 2.70	7.36+- 2.64
144	860905	< 0.079+- 0.079	< 0.079+- 0.079	16.74+- 0.56	0.61+- 0.23	26.63+- 2.96	< 5.11+- 5.20
144	860911	0.098+- 0.054	< 0.014+- 0.079	9.03+- 0.37	0.85+- 0.23	20.22+- 2.83	< 5.10+- 5.20
144	860917	< 0.067+- 0.079	< 0.079+- 0.079	4.83+- 0.28	1.22+- 0.24	< 3.11+- 5.22	< 4.80+- 5.22
144	860923	< 0.079+- 0.079	< 0.079+- 0.079	2.71+- 0.25	< 0.33+- 0.46	9.90+- 2.66	< 2.29+- 5.18
144	860929	< 0.080+- 0.080	< 0.080+- 0.080	4.32+- 0.27	< 0.29+- 0.46	9.74+- 2.69	< 5.09+- 5.23
144	861005	< 0.000+- 0.079	1.913+- 0.474	3.46+- 0.26	< 0.45+- 0.46	5.47+- 2.63	5.28+- 2.62
144	861011	< 0.000+- 0.080	< 0.080+- 0.080	3.24+- 0.26	< 0.12+- 0.47	10.55+- 2.70	< 0.00+- 5.24
144	861017	< 0.079+- 0.079	< 0.079+- 0.079	4.46+- 0.27	< 0.46+- 0.46	8.84+- 2.67	< 3.64+- 5.22
144	861023	< 0.000+- 0.080	< 0.080+- 0.080	5.44+- 0.29	0.71+- 0.23	5.31+- 2.65	< 3.89+- 5.24
144	861029	< 0.079+- 0.079	< 0.079+- 0.079	14.74+- 0.51	1.42+- 0.24	18.50+- 2.81	18.31+- 2.80
144	861104	< 0.079+- 0.079	< 0.079+- 0.079	4.61+- 0.28	0.58+- 0.23	11.25+- 2.68	< 3.11+- 5.18
144	861110	< 0.080+- 0.080	< 0.080+- 0.080	1.47+- 0.24	< 0.19+- 0.46	< 2.14+- 5.23	< 1.57+- 5.23
144	861116	< 0.079+- 0.079	< 0.079+- 0.079	3.23+- 0.25	< 0.00+- 0.46	9.47+- 2.66	< 0.42+- 5.17
144	861122	< 0.079+- 0.079	< 0.079+- 0.079	1.09+- 0.24	< 0.08+- 0.46	< 2.60+- 5.20	< 1.66+- 5.20
144	861128	< 0.079+- 0.079	< 0.079+- 0.079	3.36+- 0.26	0.80+- 0.23	< 3.05+- 5.21	< 4.92+- 5.21
144	861204	< 0.080+- 0.080	< 0.000+- 0.080	3.84+- 0.27	0.91+- 0.24	8.97+- 2.70	< 3.56+- 5.27
144	861210	< 0.000+- 0.080	< 0.080+- 0.080	0.95+- 0.24	< 0.00+- 0.47	< 2.36+- 5.28	< 0.00+- 5.28
144	861216	< 0.079+- 0.079	< 0.079+- 0.079	1.83+- 0.24	< 0.16+- 0.46	< 1.36+- 5.19	< 1.54+- 5.19
144	861222	< 0.080+- 0.080	< 0.080+- 0.080	2.24+- 0.25	< 0.38+- 0.47	-9.90+-9.90	-9.90+-9.90
144	861228	< 0.080+- 0.080	< 0.080+- 0.080	1.24+- 0.24	< 0.35+- 0.46	-9.90+-9.90	-9.90+-9.90

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT UPLAND

STA	DATE	HF		FORMIC ACID		ACETIC ACID	
		TF(K1)	TF(K2)	TF(K1)	TF(K2)	TF(K1)	TF(K2)
175	860508	-9.900+-9.900	-9.900+-9.900	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90
175	860514	0.115+-0.060	< 0.046+-0.087	8.43+-0.37	< 0.25+-0.50	20.37+-3.06	< 0.00+-5.69
175	860520	0.133+-0.063	0.105+-0.058	10.17+-0.41	0.74+-0.26	16.96+-3.02	9.38+-2.93
175	860526	0.098+-0.057	< 0.043+-0.087	12.80+-0.47	< 0.28+-0.51	28.61+-3.23	6.18+-2.89
175	860601	0.205+-0.077	0.098+-0.058	9.72+-0.40	< 0.06+-0.51	14.00+-3.01	< 0.00+-5.79
175	860607	0.169+-0.070	< 0.005+-0.088	10.33+-0.41	0.57+-0.26	16.74+-3.04	8.45+-2.94
175	860613	0.189+-0.074	0.094+-0.057	13.52+-0.49	0.95+-0.26	12.08+-2.97	< 2.91+-5.74
175	860619	0.166+-0.069	< 0.058+-0.087	12.99+-0.48	0.63+-0.26	12.01+-2.96	< 4.12+-5.72
175	860625	0.184+-0.073	< 0.034+-0.087	17.82+-0.60	< 0.44+-0.51	26.94+-3.20	< 5.40+-5.70
175	860701	0.206+-0.077	< 0.033+-0.087	10.34+-0.41	2.87+-0.27	7.59+-2.89	< 4.84+-5.68
175	860707	0.281+-0.093	< 0.055+-0.088	11.71+-0.45	2.28+-0.27	17.00+-3.04	20.85+-3.11
175	860713	0.269+-0.090	< 0.087+-0.087	11.27+-0.43	< 0.42+-0.51	13.63+-2.98	6.17+-2.90
175	860719	0.100+-0.058	< 0.001+-0.087	12.19+-0.46	< 0.36+-0.51	15.93+-3.01	< 3.84+-5.72
175	860725	0.105+-0.058	< 0.043+-0.087	7.92+-0.36	< 0.26+-0.51	20.92+-3.08	< 5.56+-5.70
175	860731	0.115+-0.060	< 0.017+-0.087	18.28+-0.62	1.88+-0.26	16.35+-3.00	< 5.50+-5.70
175	860806	0.122+-0.061	< 0.087+-0.087	14.60+-0.52	0.67+-0.26	29.30+-3.26	7.71+-2.91
175	860812	< 0.087+-0.087	< 0.000+-0.087	15.00+-0.53	1.12+-0.26	14.58+-2.99	7.95+-2.91
175	860818	0.088+-0.056	< 0.000+-0.087	12.07+-0.45	0.73+-0.26	9.86+-2.93	5.97+-2.90
175	860824	-9.900+-9.900	-9.900+-9.900	17.24+-0.59	< 0.09+-0.51	33.29+-3.35	< 5.69+-5.72
175	860830	< 0.086+-0.086	< 0.000+-0.086	15.92+-0.55	0.60+-0.25	12.94+-2.93	6.11+-2.87
175	860905	< 0.087+-0.087	< 0.087+-0.087	23.05+-0.75	2.06+-0.27	21.68+-3.10	7.94+-2.91
175	860911	< 0.089+-0.089	< 0.000+-0.089	5.90+-0.32	0.91+-0.26	6.44+-2.95	< 5.53+-5.82
175	860917	0.109+-0.059	< 0.062+-0.087	6.98+-0.34	1.78+-0.26	< 4.38+-5.74	< 3.83+-5.74
175	860923	< 0.088+-0.088	< 0.088+-0.088	3.91+-0.29	< 0.00+-0.51	9.94+-2.97	< 0.55+-5.81
175	860929	< 0.087+-0.087	< 0.087+-0.087	6.95+-0.34	0.64+-0.26	12.15+-2.97	7.73+-2.92
175	861005	< 0.000+-0.087	< 0.087+-0.087	3.68+-0.28	0.75+-0.26	< 2.76+-5.74	< 2.65+-5.74
175	861011	< 0.030+-0.088	< 0.088+-0.088	5.32+-0.31	< 0.00+-0.51	13.07+-2.99	< 0.00+-5.77
175	861017	< 0.087+-0.087	< 0.087+-0.087	7.01+-0.34	< 0.41+-0.51	21.30+-3.10	< 2.30+-5.74
175	861023	< 0.087+-0.087	< 0.016+-0.087	10.59+-0.42	0.65+-0.26	20.68+-3.09	5.79+-2.90
175	861029	< 0.087+-0.087	< 0.070+-0.087	13.05+-0.48	8.95+-0.38	30.20+-3.27	11.89+-2.95
175	861104	< 0.087+-0.087	< 0.087+-0.087	9.18+-0.39	0.81+-0.26	10.89+-2.95	6.95+-2.91
175	861110	< 0.087+-0.087	< 0.087+-0.087	5.11+-0.30	0.51+-0.26	6.61+-2.90	< 4.37+-5.72
175	861116	< 0.087+-0.087	< 0.087+-0.087	5.54+-0.31	< 0.16+-0.51	8.23+-2.92	< 4.91+-5.72
175	861122	< 0.087+-0.087	< 0.087+-0.087	3.38+-0.28	< 0.45+-0.51	6.50+-2.90	< 0.00+-5.72
175	861128	< 0.087+-0.087	< 0.087+-0.087	4.70+-0.30	1.03+-0.26	< 4.67+-5.72	< 3.25+-5.72
175	861204	< 0.087+-0.087	< 0.087+-0.087	5.00+-0.30	2.74+-0.27	< 5.33+-5.72	< 3.97+-5.72
175	861210	< 0.089+-0.089	< 0.000+-0.089	3.60+-0.29	< 0.28+-0.52	< 1.95+-5.84	< 2.76+-5.84
175	861216	-9.900+-9.900	< 0.000+-0.089	2.73+-0.28	0.90+-0.26	< 2.84+-5.84	6.17+-2.96
175	861222	0.134+-0.064	< 0.088+-0.088	3.51+-0.28	< 0.27+-0.51	-9.90+-9.90	-9.90+-9.90
175	861228	-9.900+-9.900	< 0.000+-0.093	5.26+-0.32	0.76+-0.27	7.97+-3.12	6.43+-3.10

## GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT ANAHEIM

STA	DATE	HF		FORMIC ACID		ACETIC ACID	
		TF(K1)	TF(K2)	TF(K1)	TF(K2)	TF(K1)	TF(K2)
176	860508	< 0.074+- 0.080	< 0.043+- 0.080	4.52+- 0.28	< 0.00+- 0.47	7.24+- 2.68	< 0.00+- 5.26
176	860514	0.089+- 0.052	< 0.058+- 0.079	4.16+- 0.27	< 0.07+- 0.46	9.42+- 2.66	< 0.62+- 5.19
176	860520	0.105+- 0.055	0.090+- 0.052	5.98+- 0.30	< 0.23+- 0.46	16.40+- 2.77	< 3.16+- 5.21
176	860526	0.090+- 0.053	< 0.074+- 0.080	8.33+- 0.35	< 0.20+- 0.47	19.76+- 2.84	< 1.79+- 5.25
176	860601	0.143+- 0.062	0.120+- 0.058	5.36+- 0.29	< 0.36+- 0.46	9.60+- 2.69	< 0.00+- 5.24
176	860607	0.109+- 0.056	< 0.001+- 0.080	5.33+- 0.29	< 0.21+- 0.46	9.58+- 2.69	< 1.67+- 5.24
176	860613	0.203+- 0.116	< 0.002+- 0.174	7.09+- 0.56	< 0.03+- 1.01	20.47+- 5.85	< 0.00+- 11.40
176	860619	0.102+- 0.054	< 0.015+- 0.079	7.81+- 0.34	0.73+- 0.23	11.00+- 2.69	< 3.77+- 5.20
176	860625	0.156+- 0.065	-9.900+-9.900	8.52+- 0.36	0.31+- 0.24	15.91+- 2.81	< 2.47+- 5.32
176	860701	0.085+- 0.053	< 0.046+- 0.081	8.47+- 0.36	0.52+- 0.24	16.01+- 2.82	< 2.46+- 5.33
176	860707	< 0.056+- 0.087	< 0.044+- 0.087	4.52+- 0.29	2.85+- 0.27	8.28+- 2.90	< 5.51+- 5.69
176	860713	0.182+- 0.069	0.146+- 0.062	8.02+- 0.34	0.86+- 0.24	12.52+- 2.74	6.42+- 2.67
176	860719	< 0.074+- 0.080	< 0.011+- 0.080	8.50+- 0.36	0.89+- 0.24	8.27+- 2.68	< 4.66+- 5.26
176	860725	< 0.069+- 0.080	0.104+- 0.055	5.89+- 0.30	< 0.02+- 0.47	12.26+- 2.73	< 1.49+- 5.27
176	860731	< 0.081+- 0.081	< 0.081+- 0.081	10.85+- 0.41	< 0.44+- 0.47	26.64+- 3.00	< 3.63+- 5.29
176	860806	< 0.079+- 0.079	< 0.028+- 0.079	6.02+- 0.30	< 0.33+- 0.46	20.13+- 2.83	5.94+- 2.64
176	860812	< 0.051+- 0.079	< 0.006+- 0.079	8.33+- 0.35	< 0.21+- 0.46	15.76+- 2.76	6.19+- 2.64
176	860818	< 0.065+- 0.079	< 0.079+- 0.079	10.76+- 0.41	< 0.43+- 0.46	13.12+- 2.70	< 3.62+- 5.18
176	860824	0.220+- 0.077	0.082+- 0.051	6.92+- 0.32	< 0.15+- 0.46	14.10+- 2.75	< 1.01+- 5.24
176	860830	< 0.073+- 0.079	< 0.034+- 0.079	4.64+- 0.28	2.26+- 0.24	5.34+- 2.63	7.80+- 2.65
176	860905	< 0.078+- 0.078	< 0.078+- 0.078	8.47+- 0.35	1.65+- 0.24	5.54+- 2.60	< 4.44+- 5.14
176	860911	< 0.079+- 0.079	< 0.050+- 0.079	6.67+- 0.31	3.68+- 0.26	13.99+- 2.72	< 2.71+- 5.19
176	860917	0.394+- 0.114	0.183+- 0.069	7.47+- 0.33	< 0.11+- 0.46	13.05+- 2.70	< 4.15+- 5.18
176	860923	-9.900+-9.900	-9.900+-9.900	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90
176	860929	< 0.079+- 0.079	< 0.079+- 0.079	4.62+- 0.28	0.63+- 0.23	5.87+- 2.64	6.99+- 2.65
176	861005	< 0.079+- 0.079	< 0.079+- 0.079	6.15+- 0.30	< 0.00+- 0.46	9.25+- 2.65	< 2.31+- 5.16
176	861011	< 0.079+- 0.079	< 0.079+- 0.079	4.16+- 0.27	< 0.00+- 0.46	11.75+- 2.70	< 0.00+- 5.20
176	861017	< 0.079+- 0.079	< 0.079+- 0.079	4.37+- 0.27	0.92+- 0.23	< 4.26+- 5.19	< 4.92+- 5.19
176	861023	< 0.031+- 0.079	< 0.079+- 0.079	5.58+- 0.29	< 0.41+- 0.46	6.99+- 2.65	< 4.84+- 5.22
176	861029	< 0.000+- 0.079	< 0.079+- 0.079	7.50+- 0.33	2.36+- 0.24	11.97+- 2.69	12.36+- 2.69
176	861104	< 0.079+- 0.079	< 0.079+- 0.079	6.60+- 0.31	< 0.35+- 0.46	15.09+- 2.74	5.84+- 2.64
176	861110	< 0.079+- 0.079	< 0.079+- 0.079	3.58+- 0.26	< 0.26+- 0.46	6.09+- 2.63	< 3.86+- 5.19
176	861116	< 0.079+- 0.079	< 0.079+- 0.079	6.31+- 0.31	< 0.21+- 0.46	10.35+- 2.68	5.41+- 2.63
176	861122	< 0.079+- 0.079	< 0.079+- 0.079	4.60+- 0.28	< 0.16+- 0.46	8.27+- 2.65	< 3.88+- 5.18
176	861128	< 0.079+- 0.079	< 0.079+- 0.079	7.41+- 0.33	0.97+- 0.23	11.69+- 2.69	< 2.63+- 5.19
176	861204	< 0.080+- 0.080	< 0.080+- 0.080	4.23+- 0.27	3.90+- 0.27	8.17+- 2.68	8.38+- 2.68
176	861210	< 0.080+- 0.080	< 0.080+- 0.080	4.20+- 0.27	< 0.29+- 0.47	8.22+- 2.68	7.48+- 2.68
176	861216	< 0.079+- 0.079	< 0.079+- 0.079	4.18+- 0.27	< 0.00+- 0.46	11.95+- 2.71	< 3.54+- 5.22
176	861222	-9.900+-9.900	-9.900+-9.900	2.70+- 0.25	1.33+- 0.24	< 0.87+- 5.26	6.39+- 2.67
176	861228	< 0.000+- 0.081	< 0.081+- 0.081	5.61+- 0.30	< 0.40+- 0.47	11.36+- 2.74	7.73+- 2.70

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

STA	DATE	HF		FORMIC ACID		ACETIC ACID	
		TF(K1)	TF(K2)	TF(K1)	TF(K2)	TF(K1)	TF(K2)
200	860508	< 0.046+- 0.091	< 0.046+- 0.091	< 0.25+- 0.53	< 0.00+- 0.53	< 0.40+- 5.98	< 2.30+- 5.98
200	860514	< 0.045+- 0.090	< 0.000+- 0.090	1.52+- 0.27	< 0.06+- 0.53	< 1.10+- 5.93	< 0.00+- 5.93
200	860520	< 0.046+- 0.091	< 0.000+- 0.091	1.27+- 0.27	0.85+- 0.27	< 3.59+- 5.98	< 0.18+- 5.98
200	860526	< 0.076+- 0.091	< 0.000+- 0.091	2.54+- 0.28	0.75+- 0.27	< 2.18+- 5.98	< 0.00+- 5.98
200	860601	< 0.046+- 0.091	< 0.000+- 0.091	0.65+- 0.27	1.46+- 0.27	< 0.00+- 5.98	< 1.71+- 5.98
200	860607	< 0.079+- 0.091	< 0.000+- 0.091	1.16+- 0.27	1.02+- 0.27	< 2.41+- 5.98	< 0.56+- 5.98
200	860613	< 0.075+- 0.091	< 0.000+- 0.091	1.71+- 0.27	0.85+- 0.27	< 0.00+- 5.97	< 0.00+- 5.97
200	860619	0.105+- 0.059	< 0.000+- 0.088	2.02+- 0.27	< 0.38+- 0.51	< 1.06+- 5.78	< 0.00+- 5.78
200	860625	< 0.073+- 0.088	< 0.016+- 0.088	1.41+- 0.26	1.50+- 0.26	< 0.74+- 5.78	< 0.05+- 5.78
200	860701	< 0.000+- 0.088	0.044+- 0.051	1.52+- 0.26	1.04+- 0.26	< 2.22+- 5.81	< 0.00+- 5.81
200	860707	< 0.088+- 0.088	< 0.000+- 0.088	0.93+- 0.26	0.58+- 0.26	< 0.00+- 5.80	< 0.00+- 5.80
200	860713	< 0.093+- 0.093	< 0.093+- 0.093	2.29+- 0.29	1.14+- 0.28	< 0.84+- 6.14	< 0.00+- 6.14
200	860719	< 0.024+- 0.096	< 0.000+- 0.096	3.72+- 0.31	2.40+- 0.29	< 2.30+- 6.30	< 4.67+- 6.30
200	860725	< 0.000+- 0.093	< 0.000+- 0.093	2.45+- 0.29	1.35+- 0.28	6.15+- 3.11	< 1.64+- 6.14
200	860731	-9.900+-9.900	-9.900+-9.900	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90
200	860806	-9.900+-9.900	-9.900+-9.900	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90
200	860812	< 0.093+- 0.093	< 0.093+- 0.093	0.94+- 0.27	0.59+- 0.27	< 0.00+- 6.11	< 0.00+- 6.11
200	860818	-9.900+-9.900	-9.900+-9.900	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90
200	860824	< 0.090+- 0.090	< 0.000+- 0.090	4.01+- 0.30	1.07+- 0.27	< 3.66+- 5.91	< 4.26+- 5.91
200	860830	< 0.000+- 0.090	< 0.000+- 0.090	1.37+- 0.27	< 0.09+- 0.52	< 0.84+- 5.91	< 0.00+- 5.91
200	860905	0.321+- 0.102	< 0.000+- 0.090	1.68+- 0.27	0.90+- 0.27	< 4.94+- 5.91	< 0.98+- 5.91
200	860911	< 0.090+- 0.090	< 0.090+- 0.090	1.48+- 0.27	0.68+- 0.26	< 1.44+- 5.91	< 0.94+- 5.91
200	860917	< 0.090+- 0.090	< 0.000+- 0.090	0.96+- 0.27	1.41+- 0.27	< 0.00+- 5.93	< 0.20+- 5.93
200	860923	< 0.090+- 0.090	< 0.090+- 0.090	0.97+- 0.27	0.76+- 0.27	< 0.00+- 5.93	< 2.50+- 5.93
200	860929	-9.900+-9.900	-9.900+-9.900	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90	-9.90+-9.90
200	861005	< 0.090+- 0.090	< 0.090+- 0.090	3.13+- 0.29	1.09+- 0.27	< 3.68+- 5.94	< 1.50+- 5.94
200	861011	< 0.000+- 0.090	< 0.090+- 0.090	7.36+- 0.35	< 0.00+- 0.53	14.18+- 3.09	< 0.74+- 5.93
200	861017	< 0.000+- 0.090	< 0.090+- 0.090	1.01+- 0.27	1.11+- 0.27	< 0.00+- 5.94	< 0.89+- 5.94
200	861023	< 0.091+- 0.091	< 0.091+- 0.091	1.98+- 0.28	0.75+- 0.27	< 3.88+- 5.99	< 4.72+- 5.99
200	861029	< 0.090+- 0.090	< 0.000+- 0.090	1.29+- 0.27	0.82+- 0.27	< 1.59+- 5.93	< 0.42+- 5.93
200	861104	< 0.090+- 0.090	< 0.090+- 0.090	1.52+- 0.27	< 0.35+- 0.53	< 0.97+- 5.93	< 0.00+- 5.93
200	861110	< 0.090+- 0.090	< 0.090+- 0.090	3.09+- 0.28	0.89+- 0.27	< 3.44+- 5.91	< 0.90+- 5.91
200	861116	< 0.090+- 0.090	< 0.090+- 0.090	2.23+- 0.28	0.64+- 0.27	< 3.54+- 5.93	< 0.61+- 5.93
200	861122	< 0.090+- 0.090	< 0.090+- 0.090	0.91+- 0.27	0.62+- 0.26	< 0.00+- 5.91	< 0.00+- 5.91
200	861128	< 0.090+- 0.090	< 0.090+- 0.090	2.36+- 0.28	1.23+- 0.27	< 1.23+- 5.93	< 1.03+- 5.93
200	861204	< 0.091+- 0.091	< 0.091+- 0.091	1.12+- 0.27	< 0.32+- 0.53	< 1.45+- 5.96	< 0.61+- 5.96
200	861210	< 0.000+- 0.090	< 0.000+- 0.090	1.26+- 0.27	< 0.36+- 0.53	< 0.18+- 5.93	< 0.00+- 5.93
200	861216	< 0.090+- 0.090	< 0.000+- 0.090	< 0.20+- 0.53	1.01+- 0.27	< 0.00+- 5.93	< 0.74+- 5.93
200	861222	0.293+- 0.096	0.327+- 0.103	1.00+- 0.27	0.68+- 0.27	< 0.00+- 5.93	< 0.42+- 5.93
200	861228	< 0.090+- 0.090	< 0.090+- 0.090	1.16+- 0.27	< 0.44+- 0.53	-9.90+-9.90	-9.90+-9.90

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

		HF				FORMIC ACID				ACETIC ACID								
STA	DATE	TF(K1)		TF(K2)		TF(K1)		TF(K2)		TF(K1)		TF(K2)						
300	860508	0.098+-	0.057	<	0.063+-	0.086	5.81+-	0.31	<	0.23+-	0.50	13.41+-	2.95	<	3.84+-	5.67		
300	860514	0.131+-	0.062	<	0.063+-	0.086	6.00+-	0.32	<	0.51+-	0.25	18.27+-	3.00	<	0.87+-	5.63		
300	860520	0.130+-	0.062	<	0.063+-	0.085	9.26+-	0.38	<	0.59+-	0.25	15.15+-	2.94	<	4.68+-	5.61		
300	860526	0.163+-	0.068	<	0.062+-	0.085	7.40+-	0.34	<	3.27+-	0.27	21.53+-	3.03	<	7.75+-	2.84		
300	860601	0.226+-	0.080	<	0.116+-	0.060	10.13+-	0.40	<	0.78+-	0.25	20.74+-	3.05	<	1.07+-	5.65		
300	860607	0.219+-	0.079	<	0.077+-	0.086	10.39+-	0.41	<	1.31+-	0.26	20.00+-	3.05	<	1.80+-	5.67		
300	860613	0.180+-	0.071	<	0.019+-	0.086	12.19+-	0.45	<	1.34+-	0.26	7.86+-	2.86	<	4.36+-	5.63		
300	860619	0.178+-	0.071	<	0.030+-	0.085	13.74+-	0.49	<	2.12+-	0.26	20.20+-	3.02	<	8.74+-	2.86		
300	860625	0.260+-	0.087	<	0.047+-	0.086	19.11+-	0.64	<	0.89+-	0.25	32.75+-	3.30	<	8.09+-	2.88		
300	860701	0.135+-	0.062	<	0.043+-	0.085	8.45+-	0.36	<	5.50+-	0.31	7.67+-	2.83	<	10.46+-	2.86		
300	860707	<	0.084+-	0.087	<	0.009+-	0.087	9.58+-	0.39	<	1.25+-	0.26	11.45+-	2.93	<	8.24+-	2.90	
300	860713	0.199+-	0.075	<	0.000+-	0.086	10.01+-	0.40	<	1.19+-	0.26	7.60+-	2.87	<	5.70+-	2.85		
300	860719	0.134+-	0.063	<	0.003+-	0.086	3.87+-	0.28	<	4.61+-	0.29	<	1.77+-	5.66	<	2.76+-	5.66	
300	860725	0.103+-	0.058	<	0.074+-	0.086	11.50+-	0.44	<	0.38+-	0.50	17.21+-	2.98	<	5.33+-	5.63		
300	860731	0.110+-	0.058	<	0.008+-	0.085	10.23+-	0.41	<	3.87+-	0.28	8.94+-	2.87	<	5.96+-	2.84		
300	860806	0.171+-	0.069	<	0.086+-	0.086	21.88+-	0.71	<	1.53+-	0.26	27.36+-	3.17	<	8.17+-	2.87		
300	860812	<	0.086+-	0.086	<	0.086+-	0.086	11.50+-	0.44	<	5.01+-	0.30	6.48+-	2.85	<	11.07+-	2.90	
300	860818	0.124+-	0.061	<	0.086+-	0.055	10.25+-	0.41	<	0.94+-	0.25	10.90+-	2.90	<	9.01+-	2.88		
300	860824	<	0.086+-	0.086	-9.900+-	-9.900	17.54+-	0.59	<	0.50+-	0.25	33.00+-	3.30	<	6.15+-	2.85		
300	860830	0.140+-	0.064	<	0.072+-	0.085	12.55+-	0.46	<	0.45+-	0.50	12.12+-	2.90	<	5.82+-	2.84		
300	860905	<	0.074+-	0.088	<	0.088+-	0.088	16.33+-	0.56	<	1.84+-	0.26	7.85+-	2.93	<	8.69+-	2.96	
300	860911	0.095+-	0.057	<	0.088+-	0.088	16.97+-	0.58	<	0.40+-	0.51	26.27+-	3.21	<	3.85+-	5.76		
300	860917	<	0.092+-	0.092	<	0.092+-	0.092	10.61+-	0.43	<	0.94+-	0.27	18.01+-	3.19	<	6.94+-	3.06	
300	860923	<	0.000+-	0.089	<	0.000+-	0.089	5.87+-	0.32	<	0.45+-	0.52	21.49+-	3.16	<	4.01+-	5.85	
300	860929	<	0.087+-	0.087	<	0.087+-	0.087	6.56+-	0.33	<	0.18+-	0.51	11.97+-	2.94	<	5.78+-	2.88	
300	861005	<	0.087+-	0.087	<	0.087+-	0.087	2.84+-	0.27	<	0.70+-	0.26	<	1.36+-	5.73	<	3.50+-	5.73
300	861011	<	0.000+-	0.086	<	0.086+-	0.086	2.48+-	0.27	<	0.07+-	0.50	5.83+-	2.87	<	0.00+-	5.68	
300	861017	<	0.086+-	0.086	<	0.086+-	0.086	5.45+-	0.31	<	0.53+-	0.25	12.70+-	2.93	<	1.94+-	5.65	
300	861023	<	0.085+-	0.085	<	0.079+-	0.085	9.73+-	0.39	<	0.90+-	0.25	13.63+-	2.91	<	6.68+-	2.84	
300	861029	<	0.086+-	0.086	<	0.086+-	0.086	18.25+-	0.61	<	0.36+-	0.50	42.02+-	3.56	<	8.70+-	2.89	
300	861104	<	0.086+-	0.086	<	0.086+-	0.086	4.45+-	0.29	<	0.50+-	0.50	<	4.88+-	5.64	<	5.38+-	5.64
300	861110	<	0.087+-	0.087	<	0.087+-	0.087	1.70+-	0.26	<	0.24+-	0.51	<	0.30+-	5.72	<	0.50+-	5.72
300	861116	<	0.000+-	0.087	<	0.087+-	0.087	3.72+-	0.28	<	0.12+-	0.51	7.58+-	2.91	<	0.97+-	5.72	
300	861122	<	0.087+-	0.087	<	0.087+-	0.087	1.90+-	0.26	<	0.25+-	0.51	<	2.55+-	5.73	<	5.06+-	5.73
300	861128	<	0.086+-	0.086	<	0.086+-	0.086	3.47+-	0.28	<	0.30+-	0.50	<	1.70+-	5.63	<	3.94+-	5.63
300	861204	<	0.086+-	0.086	<	0.086+-	0.086	3.06+-	0.27	<	1.79+-	0.26	<	0.45+-	5.66	<	2.79+-	5.66
300	861210	<	0.090+-	0.090	<	0.090+-	0.090	3.14+-	0.28	<	0.32+-	0.52	<	0.65+-	5.89	<	3.72+-	5.89
300	861216	-9.900+-	-9.900	<	0.087+-	0.087	2.54+-	0.27	<	0.33+-	0.51	-9.90+-	-9.90	<	-9.90+-	-9.90		
300	861222	-9.900+-	-9.900	<	0.087+-	0.087	2.51+-	0.27	<	0.05+-	0.51	-9.90+-	-9.90	<	-9.90+-	-9.90		
300	861228	<	0.090+-	0.090	<	0.090+-	0.090	1.59+-	0.27	<	0.02+-	0.52	-9.90+-	-9.90	<	-9.90+-	-9.90	



## Part V

Gas Phase Ammonia Concentrations  
at Nine Locations in the  
South Coast Air Basin, 1986

This section contains data on ammonia concentrations measured in the Los Angeles area during 1986. The sampling sites employed were located at Burbank, Downtown Los Angeles, Hawthorne, Long Beach, Anaheim, Rubidoux, Upland, Tanbark Flats, and San Nicolas Island. Measurements were made at 6-day intervals during 1986 in conjunction with the NASN sampling schedule. Daily average concentrations (and  $1\sigma$  error bounds) for gas phase  $\text{NH}_3$  are tabulated. Error bounds were obtained by statistically propagating the sampling and analytical precisions.

$\text{NH}_3$  was collected by the tandem filter method (TF). The tandem filter unit for  $\text{NH}_3$  contained two oxalic acid impregnated backup filters in series; the top backup filter is specified as TF(H1) while the lower backup filter is specified as TF(H2).

For values less than the detection limit (noted by '<'), the nominal calculated concentration is reported and the error bound is equal to the detection limit determined for that sample. Therefore, in those cases the error bound is greater than the nominal measured concentration. Throughout these tables, missing data are indicated by the value  $-9.900 \pm -9.900$ .

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT BURBANK

		NH3			
STA	DATE	TF(H1)		TF(H2)	
069	860102	1.281+-	0.116	0.124+-	0.046
069	860108	5.573+-	0.455	<	0.000+- 0.090
069	860114	2.562+-	0.215	<	0.000+- 0.088
069	860120	2.301+-	0.195	<	0.000+- 0.090
069	860126	4.336+-	0.356	<	0.000+- 0.089
069	860201	2.011+-	0.172	<	0.000+- 0.090
069	860207	2.379+-	0.201	<	0.000+- 0.091
069	860213	2.516+-	0.212	<	0.000+- 0.089
069	860219	2.779+-	0.233	<	0.000+- 0.090
069	860225	5.371+-	0.439	<	0.044+- 0.090
069	860303	3.449+-	0.286	<	0.000+- 0.091
069	860309	1.814+-	0.157	<	0.000+- 0.091
069	860315	3.423+-	0.284	<	0.000+- 0.091
069	860321	4.357+-	0.358	<	0.000+- 0.091
069	860327	5.356+-	0.438	<	0.000+- 0.089
069	860402	3.312+-	0.275		0.519+- 0.065
069	860408	3.057+-	0.255	<	0.080+- 0.090
069	860414	2.764+-	0.231	<	0.000+- 0.091
069	860420	3.271+-	0.272	<	0.000+- 0.090
069	860426	3.103+-	0.258	<	0.033+- 0.089
069	860502	3.282+-	0.272	<	0.000+- 0.090
069	860508	3.282+-	0.272	<	0.000+- 0.089
069	860514	0.238+-	0.051	<	0.000+- 0.090
069	860520	3.116+-	0.259	<	0.000+- 0.090
069	860526	1.683+-	0.147	<	0.000+- 0.091
069	860601	0.271+-	0.052	<	0.005+- 0.091
069	860607	3.118+-	0.260	<	0.000+- 0.091
069	860613	3.893+-	0.321	<	0.000+- 0.090
069	860619	6.232+-	0.508	<	0.000+- 0.090
069	860625	1.662+-	0.145	<	0.000+- 0.090

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT BURBANK

		NH3			
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STA	DATE	TF(H1)		TF(H2)	
069	860701	6.386+-	0.521	<	0.000+- 0.090
069	860707	3.411+-	0.283	<	0.000+- 0.091
069	860713	3.803+-	0.314	<	0.000+- 0.090
069	860719	3.905+-	0.322	<	0.044+- 0.091
069	860725	3.075+-	0.256	<	0.013+- 0.090
069	860731	3.463+-	0.287	<	0.005+- 0.090
069	860806	1.590+-	0.140	<	0.000+- 0.089
069	860812	5.509+-	0.450	<	0.047+- 0.090
069	860818	4.484+-	0.368	<	0.000+- 0.090
069	860824	2.600+-	0.218	<	0.034+- 0.090
069	860830	4.170+-	0.343	<	0.000+- 0.091
069	860905	3.643+-	0.301	<	0.003+- 0.091
069	860911	1.802+-	0.156	<	0.000+- 0.091
069	860917	4.488+-	0.369	<	0.034+- 0.091
069	860923	1.967+-	0.169	<	0.000+- 0.091
069	860929	3.178+-	0.264	<	0.001+- 0.092
069	861005	1.599+-	0.141		0.682+- 0.075
069	861011	0.437+-	0.061	<	0.000+- 0.092
069	861017	0.980+-	0.095	<	0.000+- 0.093
069	861023	1.620+-	0.142	<	0.076+- 0.092
069	861029	4.688+-	0.385	<	0.000+- 0.093
069	861104	4.905+-	0.402	<	0.000+- 0.092
069	861110	-9.900+-	-9.900	<	-9.900+- -9.900
069	861116	0.489+-	0.064	<	0.000+- 0.092
069	861122	2.954+-	0.247	<	0.000+- 0.092
069	861128	6.216+-	0.507	<	0.000+- 0.092
069	861204	6.437+-	0.525	<	0.000+- 0.092
069	861210	3.266+-	0.271	<	0.000+- 0.093
069	861216	4.696+-	0.386	<	0.000+- 0.094
069	861222	5.220+-	0.427	<	0.000+- 0.092
069	861228	3.438+-	0.285	<	0.000+- 0.094

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT LONG BEACH

		NH3			
STA	DATE	TF(H1)		TF(H2)	
072	860102	1.348+-	0.120	0.115+-	0.043
072	860108	10.226+-	0.829 <	0.000+-	0.086
072	860114	4.102+-	0.337 <	0.000+-	0.081
072	860120	0.110+-	0.042 <	0.000+-	0.081
072	860126	8.582+-	0.696 <	0.000+-	0.080
072	860201	1.500+-	0.131 <	0.000+-	0.082
072	860207	3.589+-	0.296 <	0.000+-	0.082
072	860213	0.702+-	0.073 <	0.000+-	0.082
072	860219	1.896+-	0.162 <	0.000+-	0.082
072	860225	4.111+-	0.337	1.614+-	0.140
072	860303	0.798+-	0.080 <	0.000+-	0.082
072	860309	2.067+-	0.176 <	0.000+-	0.086
072	860315	1.546+-	0.135 <	0.000+-	0.082
072	860321	6.908+-	0.562 <	0.000+-	0.081
072	860327	1.064+-	0.098 <	0.000+-	0.082
072	860402	3.033+-	0.252	0.110+-	0.043
072	860408	2.965+-	0.246 <	0.032+-	0.082
072	860414	2.063+-	0.175 <	0.000+-	0.082
072	860420	4.847+-	0.396 <	0.000+-	0.082
072	860426	1.036+-	0.096 <	0.000+-	0.082
072	860502	1.662+-	0.144 <	0.000+-	0.081
072	860508	1.566+-	0.136 <	0.000+-	0.081
072	860514	0.472+-	0.058 <	0.000+-	0.082
072	860520	0.218+-	0.046 <	0.000+-	0.082
072	860526	-9.900+-	-9.900	-9.900+-	-9.900
072	860601	-9.900+-	-9.900	-9.900+-	-9.900
072	860607	-9.900+-	-9.900	-9.900+-	-9.900
072	860613	< 0.051+-	0.083 <	0.000+-	0.083
072	860619	1.233+-	0.111 <	0.000+-	0.084
072	860625	< 0.000+-	0.186 <	0.000+-	0.186

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT LONG BEACH

		NH3			
		-----			
STA	DATE	TF(H1)		TF(H2)	
072	860701	2.844+-	0.237	<	0.000+- 0.084
072	860707	1.243+-	0.112	<	0.000+- 0.084
072	860713	0.663+-	0.071	<	0.000+- 0.083
072	860719	1.522+-	0.133	<	0.053+- 0.083
072	860725	0.983+-	0.093	<	0.000+- 0.083
072	860731	<	0.024+- 0.084	<	0.028+- 0.084
072	860806	0.281+-	0.049	<	0.000+- 0.083
072	860812	0.661+-	0.071	<	0.000+- 0.083
072	860818	3.359+-	0.278	<	0.000+- 0.083
072	860824	0.383+-	0.054	<	0.053+- 0.084
072	860830	0.354+-	0.053	<	0.000+- 0.083
072	860905	0.245+-	0.048	<	0.040+- 0.083
072	860911	0.452+-	0.058	<	0.000+- 0.084
072	860917	1.805+-	0.155	<	0.035+- 0.084
072	860923	1.016+-	0.095	<	0.000+- 0.084
072	860929	1.747+-	0.151	<	0.000+- 0.084
072	861005	5.537+-	0.452	<	0.000+- 0.083
072	861011	1.018+-	0.096	<	0.000+- 0.084
072	861017	1.814+-	0.156	<	0.000+- 0.084
072	861023	1.128+-	0.104	<	0.000+- 0.084
072	861029	2.090+-	0.177	<	0.000+- 0.084
072	861104	3.326+-	0.275	<	0.013+- 0.083
072	861110	7.182+-	0.584	<	0.026+- 0.084
072	861116	4.615+-	0.378	<	0.000+- 0.083
072	861122	4.904+-	0.401	<	0.000+- 0.084
072	861128	5.843+-	0.476	<	0.000+- 0.084
072	861204	1.305+-	0.117	<	0.000+- 0.084
072	861210	4.983+-	0.407	<	0.000+- 0.084
072	861216	4.830+-	0.395	<	0.000+- 0.084
072	861222	5.226+-	0.427	<	0.000+- 0.084
072	861228	3.597+-	0.297	<	0.000+- 0.085

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT HAWTHORNE

		NH3			
STA	DATE	TF(H1)			TF(H2)
076	860102	1.749+-	0.151	<	0.000+- 0.084
076	860108	0.980+-	0.094	<	0.000+- 0.086
076	860114	0.710+-	0.074	<	0.000+- 0.084
076	860120	0.233+-	0.048	<	0.000+- 0.084
076	860126	4.094+-	0.336	<	0.000+- 0.084
076	860201	1.423+-	0.126	<	0.000+- 0.085
076	860207	3.621+-	0.299	<	0.000+- 0.085
076	860213	1.804+-	0.155	<	0.000+- 0.086
076	860219	2.038+-	0.196	<	0.000+- 0.185
076	860225	4.302+-	0.353	<	0.079+- 0.084
076	860303	0.623+-	0.069	<	0.000+- 0.086
076	860309	2.532+-	0.212	<	0.005+- 0.085
076	860315	2.329+-	0.196	<	0.077+- 0.084
076	860321	4.899+-	0.401	<	0.000+- 0.083
076	860327	0.357+-	0.053	<	0.000+- 0.084
076	860402	2.235+-	0.189		0.474+- 0.060
076	860408	2.428+-	0.204		0.149+- 0.045
076	860414	1.942+-	0.166	<	0.000+- 0.084
076	860420	3.566+-	0.294	<	0.000+- 0.083
076	860426	1.919+-	0.164	<	0.000+- 0.083
076	860502	2.628+-	0.220	<	0.000+- 0.083
076	860508	2.498+-	0.209	<	0.001+- 0.083
076	860514	0.285+-	0.050	<	0.002+- 0.083
076	860520	0.484+-	0.060	<	0.000+- 0.084
076	860526	0.318+-	0.051	<	0.000+- 0.084
076	860601	< 0.018+-	0.084	<	0.019+- 0.084
076	860607	1.071+-	0.100	<	0.000+- 0.084
076	860613	0.714+-	0.075	<	0.000+- 0.085
076	860619	1.779+-	0.153	<	0.057+- 0.085
076	860625	0.131+-	0.045	<	0.000+- 0.085

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT HAWTHORNE

		NH3			
STA	DATE	TF(H1)		TF(H2)	
076	860701	2.770+-	0.231	<	0.037+- 0.085
076	860707	0.833+-	0.083	<	0.000+- 0.085
076	860713	0.357+-	0.054	<	0.000+- 0.085
076	860719	1.508+-	0.133	<	0.057+- 0.085
076	860725	1.019+-	0.096	<	0.000+- 0.085
076	860731	<	0.029+- 0.086	<	0.006+- 0.086
076	860806	<	0.049+- 0.085	<	0.000+- 0.085
076	860812	0.371+-	0.055	<	0.029+- 0.086
076	860818	3.632+-	0.300	<	0.000+- 0.085
076	860824	0.616+-	0.069	<	0.051+- 0.087
076	860830	1.912+-	0.164	<	0.000+- 0.088
076	860905	0.185+-	0.048	<	0.016+- 0.089
076	860911	0.502+-	0.063	<	0.000+- 0.089
076	860917	3.051+-	0.254	<	0.045+- 0.088
076	860923	1.955+-	0.168	<	0.000+- 0.088
076	860929	3.593+-	0.297	<	0.000+- 0.089
076	861005	3.853+-	0.318	<	0.000+- 0.089
076	861011	0.534+-	0.065	<	0.000+- 0.089
076	861017	1.448+-	0.129	<	0.000+- 0.089
076	861023	1.678+-	0.147	<	0.000+- 0.090
076	861029	2.365+-	0.200	<	0.000+- 0.089
076	861104	2.375+-	0.201	<	0.000+- 0.089
076	861110	5.106+-	0.418	<	0.027+- 0.090
076	861116	4.412+-	0.362	<	0.000+- 0.089
076	861122	2.657+-	0.223	<	0.000+- 0.090
076	861128	2.880+-	0.240	<	0.000+- 0.089
076	861204	0.787+-	0.081	<	0.000+- 0.090
076	861210	4.174+-	0.343	<	0.021+- 0.090
076	861216	4.980+-	0.408	<	0.000+- 0.091
076	861222	5.712+-	0.467	<	0.000+- 0.091
076	861228	6.597+-	0.538	<	0.000+- 0.093

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

		NH3			
		-----		-----	
STA	DATE	TF(H1)		TF(H2)	
087 860102		1.630+-	0.143	< 0.000+-	0.091
087 860108		-9.900+-	-9.900	< -9.900+-	-9.900
087 860114		2.138+-	0.182	< 0.000+-	0.091
087 860120		0.354+-	0.056	< 0.000+-	0.091
087 860126		9.783+-	0.794	< 0.000+-	0.091
087 860201	<	-9.900+-	-9.900	< -9.900+-	-9.900
087 860207		2.915+-	0.243	< 0.000+-	0.092
087 860213		6.875+-	0.560	< 0.000+-	0.092
087 860219		3.082+-	0.257	< 0.000+-	0.092
087 860225		8.992+-	0.730	< 0.075+-	0.092
087 860303		1.165+-	0.109	< 0.000+-	0.094
087 860309		2.559+-	0.216	< 0.000+-	0.093
087 860315		2.354+-	0.200	< 0.000+-	0.094
087 860321		8.470+-	0.688	< 0.000+-	0.093
087 860327		4.273+-	0.352	< 0.012+-	0.093
087 860402		3.624+-	0.300	0.504+-	0.065
087 860408		-9.900+-	-9.900	< -9.900+-	-9.900
087 860414		3.365+-	0.280	< 0.000+-	0.094
087 860420		12.666+-	1.026	< 0.000+-	0.093
087 860426		2.462+-	0.208	< 0.000+-	0.093
087 860502		3.705+-	0.306	< 0.000+-	0.093
087 860508		2.550+-	0.215	< 0.000+-	0.093
087 860514	<	0.051+-	0.093	< 0.000+-	0.093
087 860520		1.883+-	0.163	< 0.000+-	0.094
087 860526		2.033+-	0.175	< 0.000+-	0.094
087 860601		0.104+-	0.049	< 0.035+-	0.094
087 860607		1.269+-	0.116	< 0.000+-	0.093
087 860613		2.143+-	0.183	< 0.000+-	0.094
087 860619		4.061+-	0.335	< 0.016+-	0.094
087 860625		0.663+-	0.075	< 0.000+-	0.094



GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT DOWNTOWN LOS ANGELES

		NH3			
		-----		-----	
STA	DATE	TF(H1)		TF(H2)	
087 860701		8.000+-	0.651 <	0.000+-	0.094
087 860707		2.453+-	0.208 <	0.000+-	0.095
087 860713		4.072+-	0.336 <	0.042+-	0.096
087 860719		5.014+-	0.411 <	0.018+-	0.096
087 860725		2.419+-	0.205 <	0.000+-	0.096
087 860731	<	-9.900+-	-9.900 <	-9.900+-	-9.900
087 860806		0.622+-	0.073 <	0.000+-	0.096
087 860812		2.027+-	0.174 <	0.000+-	0.096
087 860818		5.380+-	0.441 <	0.000+-	0.097
087 860824		1.246+-	0.116 <	0.008+-	0.097
087 860830		3.729+-	0.309 <	0.000+-	0.096
087 860905		2.903+-	0.243 <	0.000+-	0.096
087 860911		1.394+-	0.126 <	0.000+-	0.096
087 860917		4.045+-	0.334 <	0.055+-	0.098
087 860923		2.041+-	0.176 <	0.000+-	0.098
087 860929		3.774+-	0.313 <	0.000+-	0.099
087 861005		4.628+-	0.381 <	0.000+-	0.099
087 861011		0.452+-	0.064 <	0.000+-	0.099
087 861017		1.895+-	0.162 <	0.000+-	0.085
087 861023		1.292+-	0.116 <	0.000+-	0.085
087 861029		2.412+-	0.203 <	0.000+-	0.085
087 861104		4.928+-	0.403 <	0.000+-	0.086
087 861110		6.595+-	0.537 <	0.027+-	0.085
087 861116		5.858+-	0.478 <	0.000+-	0.086
087 861122		7.968+-	0.647 <	0.000+-	0.086
087 861128		4.348+-	0.357 <	0.000+-	0.086
087 861204		6.692+-	0.545 <	0.000+-	0.086
087 861210		4.737+-	0.388 <	0.030+-	0.086
087 861216		4.832+-	0.396 <	0.000+-	0.086
087 861222		5.015+-	0.410 <	0.000+-	0.086
087 861228		4.790+-	0.392 <	0.000+-	0.087

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT RUBIDOUX

		NH3			
		-----			
STA	DATE	TF(H1)		TF(H2)	
144	860102	54.438+- 4.389	<	0.027+- 0.087	
144	860108	9.073+- 0.736	<	0.000+- 0.087	
144	860114	31.783+- 2.565	<	0.000+- 0.087	
144	860120	41.876+- 3.378	<	0.000+- 0.092	
144	860126	1.850+- 0.160	<	0.003+- 0.089	
144	860201	35.216+- 2.841	<	0.000+- 0.090	
144	860207	10.069+- 0.817	<	0.000+- 0.091	
144	860213	9.266+- 0.752	<	0.000+- 0.090	
144	860219	46.710+- 3.767	<	0.000+- 0.089	
144	860225	59.667+- 4.811	<	0.000+- 0.091	
144	860303	74.661+- 6.018		-9.900+- -9.900	
144	860309	25.729+- 2.077		0.107+- 0.046	
144	860315	7.706+- 0.626	<	0.007+- 0.089	
144	860321	16.117+- 1.303		1.534+- 0.135	
144	860327	40.022+- 3.228	<	0.000+- 0.089	
144	860402	22.208+- 1.794		0.327+- 0.054	
144	860408	25.433+- 2.053	<	0.039+- 0.089	
144	860414	33.555+- 2.707	<	0.000+- 0.091	
144	860420	34.047+- 2.747	<	0.008+- 0.090	
144	860426	25.756+- 2.079	<	0.000+- 0.090	
144	860502	27.942+- 2.255	<	0.000+- 0.089	
144	860508	14.199+- 1.149	<	0.000+- 0.089	
144	860514	17.824+- 1.441	<	0.000+- 0.090	
144	860520	41.066+- 3.312	<	0.000+- 0.091	
144	860526	41.839+- 3.375	<	0.000+- 0.091	
144	860601	29.844+- 2.409	<	0.000+- 0.091	
144	860607	16.861+- 1.363	<	0.000+- 0.090	
144	860613	34.826+- 2.810	<	0.000+- 0.091	
144	860619	25.626+- 2.069	<	0.024+- 0.090	
144	860625	48.536+- 3.914	<	0.000+- 0.090	

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT RUBIDOUX

		NH3			
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STA	DATE	TF(H1)		TF(H2)	
144	860701	30.661+- 2.474	<	0.000+- 0.090	
144	860707	31.362+- 2.531	<	0.000+- 0.091	
144	860713	30.653+- 2.474	<	0.068+- 0.090	
144	860719	32.884+- 2.653	<	0.039+- 0.091	
144	860725	22.040+- 1.780	<	0.000+- 0.091	
144	860731	34.769+- 2.805	<	0.032+- 0.090	
144	860806	27.853+- 2.248	<	0.000+- 0.090	
144	860812	35.220+- 2.842	<	0.007+- 0.091	
144	860818	31.576+- 2.548	<	0.000+- 0.090	
144	860824	57.824+- 4.662	<	0.005+- 0.091	
144	860830	32.223+- 2.600	<	0.000+- 0.090	
144	860905	46.518+- 3.751	<	0.000+- 0.090	
144	860911	33.756+- 2.724	<	0.000+- 0.090	
144	860917	25.837+- 2.086	<	0.059+- 0.090	
144	860923	13.322+- 1.078	<	0.000+- 0.090	
144	860929	38.187+- 3.081	<	0.000+- 0.092	
144	861005	15.485+- 1.253	<	0.000+- 0.092	
144	861011	26.047+- 2.103	<	0.000+- 0.092	
144	861017	40.120+- 3.236	<	0.018+- 0.092	
144	861023	34.704+- 2.800	<	0.000+- 0.092	
144	861029	63.930+- 5.154	<	0.000+- 0.092	
144	861104	17.177+- 1.389	<	0.000+- 0.092	
144	861110	2.662+- 0.224	<	0.035+- 0.094	
144	861116	35.603+- 2.872		1.153+- 0.108	
144	861122	34.962+- 2.821	<	0.000+- 0.092	
144	861128	32.530+- 2.625		0.113+- 0.048	
144	861204	77.929+- 6.282	<	0.000+- 0.094	
144	861210	2.671+- 0.224	<	0.068+- 0.093	
144	861216	25.627+- 2.069	<	0.000+- 0.093	
144	861222	25.835+- 2.086		0.096+- 0.048	
144	861228	8.602+- 0.699	<	0.000+- 0.094	

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT UPLAND

		NH3			
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STA	DATE	TF(H1)		TF(H2)	
175 860102	<	0.027+-	0.088	<	0.051+- 0.088
175 860108		11.212+-	0.908	<	0.000+- 0.088
175 860114		9.667+-	0.784	<	0.000+- 0.086
175 860120		9.847+-	0.798	<	0.000+- 0.087
175 860126		23.149+-	1.869	<	0.000+- 0.087
175 860201		2.677+-	0.224	<	0.000+- 0.089
175 860207		4.612+-	0.378	<	0.000+- 0.090
175 860213		2.344+-	0.198	<	0.000+- 0.089
175 860219		1.933+-	0.166	<	0.000+- 0.088
175 860225		8.385+-	0.681	<	0.014+- 0.088
175 860303		6.961+-	0.567		0.174+- 0.049
175 860309		2.888+-	0.241	<	0.000+- 0.088
175 860315		4.669+-	0.383		0.095+- 0.046
175 860321		7.119+-	0.579	<	0.000+- 0.087
175 860327		13.333+-	1.079	<	0.000+- 0.088
175 860402		3.235+-	0.269		0.449+- 0.060
175 860408		2.861+-	0.239	<	0.000+- 0.087
175 860414		4.395+-	0.361	<	0.000+- 0.088
175 860420		3.847+-	0.317	<	0.000+- 0.087
175 860426		1.031+-	0.097	<	0.000+- 0.087
175 860502		2.631+-	0.220	<	0.000+- 0.088
175 860508		3.611+-	0.298	<	0.000+- 0.088
175 860514	<	0.024+-	0.088	<	0.023+- 0.088
175 860520		3.132+-	0.260	<	0.000+- 0.087
175 860526		3.330+-	0.276	<	0.000+- 0.088
175 860601		0.349+-	0.055	<	0.058+- 0.088
175 860607		0.686+-	0.074	<	0.000+- 0.088
175 860613		1.803+-	0.156	<	0.001+- 0.088
175 860619		2.357+-	0.199	<	0.000+- 0.087
175 860625		1.499+-	0.132	<	0.000+- 0.088

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT UPLAND

		NH3			
STA	DATE	TF(H1)		TF(H2)	
175	860701	4.220+-	0.347	<	0.000+- 0.088
175	860707	3.482+-	0.288	<	0.000+- 0.089
175	860713	4.765+-	0.391	<	0.010+- 0.089
175	860719	2.594+-	0.218	<	0.052+- 0.089
175	860725	1.661+-	0.145	<	0.000+- 0.088
175	860731	2.801+-	0.234	<	0.041+- 0.088
175	860806	2.386+-	0.202	<	0.000+- 0.090
175	860812	5.345+-	0.437	<	0.034+- 0.091
175	860818	8.448+-	0.686	<	0.008+- 0.091
175	860824	3.017+-	0.252	<	0.004+- 0.092
175	860830	3.847+-	0.317	<	0.000+- 0.091
175	860905	3.623+-	0.300	<	0.000+- 0.092
175	860911	0.583+-	0.069	<	0.000+- 0.092
175	860917	2.547+-	0.215	<	0.064+- 0.095
175	860923	1.560+-	0.139	<	0.000+- 0.096
175	860929	2.542+-	0.215	<	0.000+- 0.097
175	861005	3.772+-	0.312	<	0.000+- 0.095
175	861011	< 0.077+-	0.096	<	0.015+- 0.096
175	861017	1.331+-	0.122	<	0.002+- 0.096
175	861023	1.094+-	0.104	<	0.000+- 0.096
175	861029	3.104+-	0.259	<	0.000+- 0.097
175	861104	4.972+-	0.408	<	0.000+- 0.097
175	861110	5.534+-	0.453	<	0.032+- 0.097
175	861116	6.790+-	0.554	<	0.000+- 0.097
175	861122	9.493+-	0.770	<	0.000+- 0.088
175	861128	4.679+-	0.384	<	0.000+- 0.088
175	861204	10.087+-	0.818	<	0.000+- 0.089
175	861210	1.982+-	0.170	<	0.000+- 0.089
175	861216	7.699+-	0.626	<	0.018+- 0.089
175	861222	4.766+-	0.391	<	0.000+- 0.089
175	861228	2.636+-	0.221	<	0.000+- 0.090

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT ANAHEIM

		NH3	
STA	DATE	TF(H1)	TF(H2)
176	860102	2.493+- 0.209	0.215+- 0.048
176	860108	-9.900+-9.900	-9.900+-9.900
176	860114	8.871+- 0.720	< 0.000+- 0.085
176	860120	0.347+- 0.054	< 0.062+- 0.086
176	860126	5.144+- 0.420	< 0.038+- 0.085
176	860201	2.399+- 0.202	< 0.000+- 0.085
176	860207	6.108+- 0.498	< 0.017+- 0.086
176	860213	3.366+- 0.279	< 0.000+- 0.088
176	860219	2.433+- 0.205	< 0.000+- 0.086
176	860225	8.553+- 0.694	< 0.000+- 0.085
176	860303	2.387+- 0.201	< 0.080+- 0.086
176	860309	2.251+- 0.190	< 0.000+- 0.085
176	860315	1.837+- 0.158	< 0.000+- 0.085
176	860321	3.958+- 0.326	< 0.000+- 0.085
176	860327	4.951+- 0.405	< 0.015+- 0.085
176	860402	2.553+- 0.214	0.313+- 0.052
176	860408	3.774+- 0.311	< 0.021+- 0.086
176	860414	2.402+- 0.202	< 0.000+- 0.085
176	860420	7.627+- 0.620	< 0.000+- 0.087
176	860426	1.838+- 0.158	< 0.000+- 0.087
176	860502	2.626+- 0.220	< 0.000+- 0.086
176	860508	2.923+- 0.243	< 0.000+- 0.087
176	860514	0.531+- 0.064	< 0.019+- 0.086
176	860520	1.360+- 0.122	< 0.000+- 0.086
176	860526	1.311+- 0.118	< 0.000+- 0.086
176	860601	0.837+- 0.083	< 0.006+- 0.086
176	860607	1.323+- 0.119	< 0.000+- 0.086
176	860613	1.366+- 0.122	< 0.000+- 0.085
176	860619	2.353+- 0.198	< 0.000+- 0.087
176	860625	0.576+- 0.067	0.318+- 0.053

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT ANAHEIM

		NH3			
STA	DATE	TF(H1)		TF(H2)	
176	860701	2.169+- 0.184	<	0.000+- 0.085	
176	860707	1.688+- 0.146	<	0.000+- 0.086	
176	860713	1.310+- 0.118	<	0.000+- 0.086	
176	860719	2.279+- 0.192	<	0.041+- 0.085	
176	860725	1.228+- 0.111	<	0.000+- 0.085	
176	860731	1.340+- 0.120	<	0.014+- 0.087	
176	860806	1.144+- 0.105	<	0.000+- 0.085	
176	860812	1.495+- 0.131	<	0.026+- 0.085	
176	860818	3.581+- 0.295	<	0.000+- 0.084	
176	860824	0.815+- 0.082	<	0.000+- 0.085	
176	860830	1.603+- 0.140	<	0.000+- 0.085	
176	860905	1.337+- 0.119	<	0.000+- 0.084	
176	860911	1.314+- 0.118	<	0.000+- 0.085	
176	860917	2.274+- 0.192	<	0.062+- 0.085	
176	860923	1.422+- 0.126	<	0.000+- 0.085	
176	860929	2.871+- 0.239	<	0.000+- 0.085	
176	861005	6.750+- 0.549	<	0.000+- 0.085	
176	861011	1.138+- 0.105	<	0.000+- 0.085	
176	861017	1.797+- 0.155	<	0.000+- 0.085	
176	861023	2.471+- 0.208	<	0.000+- 0.087	
176	861029	2.676+- 0.224	<	0.000+- 0.085	
176	861104	5.922+- 0.483	<	0.000+- 0.086	
176	861110	7.279+- 0.592	<	0.012+- 0.086	
176	861116	9.288+- 0.753	<	0.000+- 0.086	
176	861122	4.940+- 0.404	<	0.000+- 0.085	
176	861128	5.783+- 0.472	<	0.000+- 0.088	
176	861204	6.547+- 0.533	<	0.000+- 0.088	
176	861210	6.071+- 0.495	<	0.000+- 0.090	
176	861216	8.044+- 0.654	<	0.011+- 0.088	
176	861222	5.540+- 0.453	<	0.000+- 0.089	
176	861228	8.636+- 0.701	<	0.000+- 0.089	

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

		NH3			
		-----			
STA	DATE	TF(H1)		TF(H2)	
200	860102	0.144+-	0.049 <	0.000+-	0.093
200	860108	0.937+-	0.092 <	0.000+-	0.093
200	860114	0.403+-	0.059 <	0.042+-	0.093
200	860120	0.417+-	0.060 <	0.000+-	0.094
200	860126	1.662+-	0.148 <	0.018+-	0.102
200	860201	0.880+-	0.089 <	0.000+-	0.094
200	860207	0.265+-	0.053 <	0.000+-	0.093
200	860213	0.163+-	0.050 <	0.000+-	0.093
200	860219	0.321+-	0.055 <	0.000+-	0.093
200	860225	0.319+-	0.056 <	0.000+-	0.093
200	860303	0.498+-	0.064 <	0.000+-	0.093
200	860309	< 0.029+-	0.093 <	0.000+-	0.093
200	860315	0.237+-	0.052 <	0.000+-	0.093
200	860321	0.683+-	0.075 <	0.033+-	0.093
200	860327	0.220+-	0.052 <	0.000+-	0.093
200	860402	0.207+-	0.051 <	0.000+-	0.093
200	860408	0.228+-	0.052 <	0.000+-	0.093
200	860414	0.315+-	0.055 <	0.003+-	0.093
200	860420	0.784+-	0.082 <	0.000+-	0.093
200	860426	0.185+-	0.051 <	0.000+-	0.093
200	860502	< 0.069+-	0.093 <	0.000+-	0.093
200	860508	< 0.000+-	0.093 <	0.000+-	0.093
200	860514	< 0.027+-	0.093 <	0.026+-	0.093
200	860520	< 0.000+-	0.094 <	0.000+-	0.094
200	860526	< 0.000+-	0.094 <	0.000+-	0.094
200	860601	0.101+-	0.049 <	0.020+-	0.094
200	860607	< 0.000+-	0.093 <	0.000+-	0.093
200	860613	< 0.007+-	0.093 <	0.000+-	0.093
200	860619	0.180+-	0.052 <	0.000+-	0.098
200	860625	0.174+-	0.052 <	0.007+-	0.098



GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT SAN NICOLAS ISLAND

		NH3			
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STA	DATE	TF(H1)		TF(H2)	
200	860701	< 0.040+-	0.098	< 0.000+-	0.098
200	860707	0.209+-	0.053	< 0.000+-	0.098
200	860713	< 0.018+-	0.094	< 0.009+-	0.094
200	860719	< 0.067+-	0.097	< 0.075+-	0.097
200	860725	< 0.000+-	0.094	< 0.000+-	0.094
200	860731	< 0.069+-	0.094	< 0.029+-	0.094
200	860806	< -9.900+-	-9.900	< -9.900+-	-9.900
200	860812	< 0.043+-	0.094	< 0.020+-	0.094
200	860818	< 0.026+-	0.094	< 0.030+-	0.094
200	860824	< 0.000+-	0.092	< 0.001+-	0.092
200	860830	< 0.000+-	0.092	< 0.000+-	0.092
200	860905	< 0.000+-	0.092	< 0.000+-	0.092
200	860911	< 0.000+-	0.092	< 0.000+-	0.092
200	860917	< 0.059+-	0.092	< 0.059+-	0.092
200	860923	0.229+-	0.051	< 0.022+-	0.092
200	860929	0.155+-	0.049	< 0.000+-	0.092
200	861005	0.526+-	0.066	< 0.000+-	0.092
200	861011	0.111+-	0.048	< 0.010+-	0.092
200	861017	0.209+-	0.051	0.132+-	0.048
200	861023	0.332+-	0.056	< 0.000+-	0.092
200	861029	1.275+-	0.117	< 0.000+-	0.092
200	861104	< 0.000+-	0.092	< 0.000+-	0.092
200	861110	0.398+-	0.059	< 0.028+-	0.092
200	861116	0.680+-	0.112	< 0.000+-	0.183
200	861122	0.194+-	0.050	< 0.000+-	0.092
200	861128	0.183+-	0.050	< 0.000+-	0.092
200	861204	< 0.084+-	0.092	< 0.000+-	0.092
200	861210	0.125+-	0.048	< 0.000+-	0.092
200	861216	0.116+-	0.048	< 0.017+-	0.092
200	861222	< 0.000+-	0.092	< 0.000+-	0.092
200	861228	< 0.062+-	0.092	< 0.000+-	0.092

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

		NH3	
STA	DATE	TF(H1)	TF(H2)
300	860102	-9.900+-9.900	-9.900+-9.900
300	860108	-9.900+-9.900	-9.900+-9.900
300	860114	-9.900+-9.900	-9.900+-9.900
300	860120	0.521+- 0.064	< 0.028+- 0.089
300	860126	0.805+- 0.082	< 0.000+- 0.089
300	860201	0.152+- 0.048	< 0.000+- 0.090
300	860207	0.413+- 0.059	< 0.000+- 0.091
300	860213	< 0.000+- 0.090	< 0.000+- 0.090
300	860219	< 0.036+- 0.090	< 0.000+- 0.090
300	860225	1.618+- 0.142	< 0.000+- 0.089
300	860303	-9.900+-9.900	< -9.900+-9.900
300	860309	-9.900+-9.900	-9.900+-9.900
300	860315	0.113+- 0.025	< 0.000+- 0.045
300	860321	1.760+- 0.152	< 0.000+- 0.088
300	860327	1.121+- 0.104	< 0.002+- 0.089
300	860402	0.863+- 0.087	-9.900+-9.900
300	860408	0.523+- 0.064	0.176+- 0.048
300	860414	0.697+- 0.075	< 0.001+- 0.089
300	860420	0.428+- 0.059	< 0.000+- 0.089
300	860426	0.181+- 0.048	< 0.000+- 0.089
300	860502	0.666+- 0.073	< 0.000+- 0.089
300	860508	0.314+- 0.054	< 0.000+- 0.089
300	860514	< 0.022+- 0.088	< 0.029+- 0.088
300	860520	0.735+- 0.077	< 0.000+- 0.088
300	860526	0.903+- 0.089	< 0.000+- 0.089
300	860601	0.454+- 0.061	< 0.016+- 0.090
300	860607	0.151+- 0.047	< 0.000+- 0.089
300	860613	0.730+- 0.077	< 0.000+- 0.089
300	860619	0.661+- 0.073	< 0.014+- 0.090
300	860625	0.892+- 0.088	< 0.000+- 0.089

GAS PHASE ACID-BASE CONCENTRATIONS (UG/M3) AT TANBARK FLATS

		NH3			
		TF(H1)		TF(H2)	
STA	DATE				
300	860701	0.636+-	0.071	<	0.000+- 0.088
300	860707	0.865+-	0.086	<	0.007+- 0.089
300	860713	0.707+-	0.075	<	0.000+- 0.088
300	860719	0.467+-	0.061	<	0.068+- 0.088
300	860725	0.411+-	0.058	<	0.000+- 0.088
300	860731	0.792+-	0.081	<	0.000+- 0.088
300	860806	0.753+-	0.079	<	0.000+- 0.089
300	860812	0.697+-	0.075	<	0.004+- 0.088
300	860818	0.880+-	0.087	<	0.016+- 0.088
300	860824	0.844+-	0.085	<	0.005+- 0.089
300	860830	0.681+-	0.074	<	0.000+- 0.089
300	860905	-9.900+-	-9.900	-	-9.900+- -9.900
300	860911	0.258+-	0.051	<	0.000+- 0.088
300	860917	0.593+-	0.068	<	0.037+- 0.089
300	860923	0.256+-	0.051	<	0.000+- 0.090
300	860929	0.402+-	0.058	<	0.000+- 0.089
300	861005	0.294+-	0.052	<	0.000+- 0.088
300	861011	<	0.000+- 0.090	<	0.015+- 0.090
300	861017	<	0.019+- 0.090	<	0.000+- 0.090
300	861023	0.108+-	0.046	<	0.000+- 0.089
300	861029	1.455+-	0.129	<	0.000+- 0.089
300	861104	0.425+-	0.059	<	0.000+- 0.090
300	861110	0.227+-	0.051	<	0.000+- 0.091
300	861116	0.434+-	0.060	<	0.000+- 0.090
300	861122	1.239+-	0.113	<	0.000+- 0.090
300	861128	0.304+-	0.053	<	0.000+- 0.089
300	861204	0.830+-	0.084	<	0.000+- 0.090
300	861210	0.264+-	0.052	<	0.000+- 0.090
300	861216	1.379+-	0.124	<	0.001+- 0.090
300	861222	0.227+-	0.051	<	0.000+- 0.091
300	861228	0.696+-	0.076	<	0.000+- 0.093