

Supplementary Material

Table S1. Date and time, measured concentrations, and associated meteorological data for each sample. OC, EC, and WSOC are in $\mu\text{gC}/\text{m}^3$; ions are in $\mu\text{g}/\text{m}^3$.

Sample start date	Start time*	Stop time*	OC	EC	WSOC	Cl ⁻	NO ₂ ⁻	NO ₃ ⁻	SO ₄ ²⁻	C ₂ O ₄ ²⁻	NH ₄ ⁺	K ⁺	Mg ²⁺	Ca ²⁺	$\delta^{13}\text{C}$ (‰)	$\delta^{15}\text{N}$ (‰)	MaxT (°C)	MinT (°C)	RH (%)
12/26/07	17:27	9:29	21.04	6.48	10.64	1.48	BD	0.88	2.07	BD	0.48	0.08	0.07	0.65	NA	NA	NA	NA	NA
12/27/07	9:34	9:50	29.74	6.76	14.10	2.33	0.01	1.79	4.56	0.17	1.04	0.08	0.12	1.80	-25.62	10.56	21.1	4.5	72.5
12/28/07	11:54	6:40	25.06	4.13	12.87	1.87	BD	1.68	2.76	0.01	0.48	BD	0.07	1.15	NA	NA	20.6	4.0	83.0
01/02/08	14:23	7:03	23.28	5.99	12.18	1.98	0.02	1.21	3.89	BD	1.33	0.57	0.09	2.42	NA	NA	NA	NA	69.0
01/03/08	11:08	6:44	26.72	6.13	14.85	1.91	0.02	1.62	2.84	BD	0.50	0.01	0.06	0.79	NA	NA	22.0	2.0	65.0
01/04/08	10:47	8:17	20.18	3.96	10.49	1.56	0.03	1.29	1.65	0.01	0.39	0.04	0.09	1.09	-25.70	9.54	20.9	1.0	61.5
01/05/08	10:21	4:30	33.92	5.15	18.46	2.43	0.03	3.13	2.87	BD	1.82	0.11	0.09	2.47	-25.84	10.31	22.2	-0.2	63.5
01/06/08	10:43	11:08	27.94	4.74	13.77	2.02	0.02	2.48	2.63	0.17	0.82	0.07	0.03	0.85	NA	NA	17.6	1.0	70.0
01/07/08	11:10	11:11	24.83	4.39	12.55	1.77	0.02	2.05	2.29	BD	0.56	0.01	0.05	0.96	NA	NA	22.7	2.5	66.0
01/08/08	12:14	10:33	19.79	4.68	11.97	1.82	0.02	1.52	2.32	0.17	0.44	0.02	0.05	0.73	-26.05	9.51	23.4	2.6	67.0
01/09/08	10:40	5:20	27.37	5.45	13.30	1.93	BD	2.41	2.84	BD	0.71	0.03	0.04	1.17	NA	NA	22.8	4.0	98.0
01/10/08	10:40	10:40	19.18	4.39	9.38	1.64	BD	1.74	1.84	0.05	0.47	0.01	0.01	0.39	NA	NA	NA	NA	NA
01/15/08	11:00	10:25	15.27	3.28	8.42	0.88	BD	2.02	3.76	0.21	1.13	0.49	0.07	1.22	NA	NA	19.5	5.5	70.5
01/16/08	10:35	10:01	24.50	4.61	11.64	1.79	BD	2.65	4.86	0.25	1.74	0.20	0.06	1.15	NA	NA	19.0	5.0	77.5
01/17/08	10:03	11:30	23.55	5.73	13.28	1.93	BD	3.21	5.24	0.11	1.28	0.25	0.16	2.26	NA	NA	20.0	5.0	72.5
01/18/08	11:35	10:45	12.49	3.07	6.97	1.77	BD	1.59	3.36	0.11	0.42	0.12	0.12	1.30	NA	NA	17.4	5.5	76.0
01/19/08	10:50	9:55	16.99	3.57	6.71	1.04	BD	1.22	2.42	0.12	0.19	BD	0.02	0.29	-25.51	8.29	20.6	8.0	64.0
01/20/08	12:00	11:55	11.35	3.78	5.93	1.73	BD	1.70	2.88	0.11	0.36	0.39	0.03	0.49	-25.58	9.37	21.5	6.2	63.5
01/21/08	12:04	9:00	14.56	3.61	6.71	1.79	BD	1.09	2.26	0.18	0.29	BD	0.04	0.89	NA	NA	20.0	2.7	56.0
01/24/08	12:00	11:30	18.09	4.81	7.64	1.29	BD	2.31	4.96	BD	1.25	0.07	0.06	0.85	NA	NA	17.4	3.5	70.0
01/25/08	11:40	12:00	16.69	4.12	7.80	2.02	BD	1.91	4.58	0.06	1.04	0.69	0.06	1.52	NA	NA	18.3	4.5	69.0
01/26/08	12:07	12:25	15.51	3.58	6.09	1.33	BD	1.52	3.30	0.01	0.58	0.61	0.07	1.07	NA	9.92	18.3	4.7	68.5
01/28/08	12:35	3:25	13.46	4.40	7.34	1.18	BD	1.14	2.37	BD	0.79	2.04	BD	1.01	NA	NA	17.0	0.3	68.0
01/29/08	15:30	10:50	11.57	3.64	4.79	1.32	BD	1.07	3.17	0.26	1.14	0.85	0.07	1.23	NA	NA	18.7	2.7	66.0
01/30/08	15:00	15:00	7.44	1.66	4.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	-25.91	8.13	13.0	2.5	88.0

* Nepal standard time.

BD = Below the detection limit of the instrument

NA = For ions and isotopes, not measured; for meteorological parameters, not available.