

Table A1. Collection periods and measured radioactivity concentrations

Filter No.	Collection ^{*1}		Radioactivity concentration at the end of the sample collection [mBq m ⁻³] ^{*2}											
	Start	Stop	¹⁴⁰ Ba	¹³⁷ Cs	^{136g} Cs	^{134g} Cs	¹³² Te	^{133g} I	¹³¹ I	^{129m} Te	^{110m} Ag	⁹⁹ Mo	^{95g} Nb	
F01	3/15/2011 11:15	3/15/2011 11:45	550 ± 160	8800 ± 200	1200 ± 200	8500 ± 200	58000 ± 2000	4700 ± 300	35000 ± 1000	8000 ± 1200	71 ± 31	1300 ± 1100	58 ± 31	
F02	3/16/2011 13:15	3/16/2011 13:45	0 ± 43	0.0 ± 3.2	0 ± 13	0.0 ± 4.9	140 ± 50	0 ± 38	740 ± 40	550 ± 320	0.0 ± 9.6	0 ± 230	0.0 ± 9.4	
F03	3/16/2011 18:32	3/17/2011 9:00	0.6 ± 1.2	0.64 ± 0.38	0.49 ± 0.31	0.94 ± 0.45	6.3 ± 0.5	1.6 ± 0.5	54 ± 2	0 ± 11	0.00 ± 0.38	2.0 ± 2.6	0.35 ± 0.36	
F04	3/17/2011 9:05	3/18/2011 10:15	0.22 ± 0.65	0.88 ± 0.23	0.00 ± 0.20	0.60 ± 0.28	4.5 ± 0.3	0.57 ± 0.23	42 ± 1	0.0 ± 6.1	0.22 ± 0.24	2.8 ± 1.4	0.00 ± 0.20	
F05	3/18/2011 10:30	3/19/2011 6:44	0.00 ± 0.77	0.12 ± 0.09	0.00 ± 0.25	0.00 ± 0.13	1.1 ± 0.3	0.73 ± 0.31	74 ± 2	0.0 ± 8.1	0.00 ± 0.30	0.2 ± 2.0	0.00 ± 0.25	
F06	3/19/2011 10:05	3/20/2011 10:00	0.61 ± 0.60	0.71 ± 0.10	0.09 ± 0.17	0.40 ± 0.13	1.9 ± 0.3	0.37 ± 0.30	75 ± 2	2.6 ± 5.4	0.00 ± 0.22	0.0 ± 1.7	0.14 ± 0.19	
F07	3/20/2011 10:05	3/21/2011 10:00	16 ± 13	2200 ± 100	240 ± 20	2200 ± 100	2300 ± 100	5.0 ± 3.6	5200 ± 100	860 ± 120	0.0 ± 3.8	130 ± 30	2.6 ± 3.3	
F08	3/21/2011 10:05	3/22/2011 10:00	4.1 ± 6.5	590 ± 20	64 ± 6	570 ± 20	1500 ± 100	5.9 ± 2.0	2300 ± 100	830 ± 90	1.9 ± 2.2	26 ± 14	1.7 ± 1.9	
F09	3/22/2011 10:05	3/23/2011 10:00	0.0 ± 4.1	120 ± 10	10 ± 2	120 ± 10	710 ± 30	3.5 ± 1.3	7500 ± 200	460 ± 50	0.5 ± 1.3	48 ± 10	2.8 ± 1.1	
F10	3/23/2011 10:05	3/24/2011 10:10	0.00 ± 0.99	14 ± 1	1.0 ± 0.3	14 ± 1	7.0 ± 0.6	0.60 ± 0.34	1300 ± 100	0.0 ± 7.7	0.05 ± 0.29	3.8 ± 2.1	0.22 ± 0.26	
F11	3/24/2011 10:15	3/25/2011 9:55	0.00 ± 0.78	1.7 ± 0.4	0.05 ± 0.26	1.4 ± 0.4	1.3 ± 0.3	0.00 ± 0.26	150 ± 10	0.0 ± 7.6	0.21 ± 0.29	1.7 ± 1.9	0.00 ± 0.24	
F12	3/25/2011 10:00	3/26/2011 10:00	0.00 ± 0.38	3.7 ± 0.2	0.20 ± 0.12	3.5 ± 0.3	3.5 ± 0.2	0.00 ± 0.17	120 ± 10	6.5 ± 4.0	0.10 ± 0.14	1.5 ± 1.0	0.20 ± 0.12	
F13	3/26/2011 10:05	3/27/2011 10:15	0.40 ± 0.57	1.8 ± 0.3	0.00 ± 0.20	2.3 ± 0.3	2.6 ± 0.3	0.00 ± 0.39	19 ± 1	2.6 ± 5.9	0.00 ± 0.22	1.3 ± 1.7	0.00 ± 0.18	
F14	3/27/2011 10:20	3/28/2011 11:00	0.05 ± 0.58	1.7 ± 0.3	0.04 ± 0.18	1.4 ± 0.3	1.1 ± 0.3	0.00 ± 0.41	25 ± 1	0.0 ± 5.5	0.18 ± 0.21	1.0 ± 1.7	0.10 ± 0.18	
F15	3/28/2011 11:05	3/29/2011 9:35	0.97 ± 0.73	23 ± 1	0.94 ± 0.23	24 ± 1	3.8 ± 0.3	0.00 ± 0.34	100 ± 10	4.5 ± 6.0	0.25 ± 0.23	0.1 ± 1.8	0.57 ± 0.22	
F16	3/29/2011 9:40	3/30/2011 11:15	4.8 ± 1.7	270 ± 10	11 ± 1	270 ± 10	24 ± 1	0.00 ± 0.54	260 ± 10	28 ± 7	2.0 ± 0.4	11 ± 4	1.9 ± 0.5	
F17	3/30/2011 11:20	3/31/2011 10:00	2.8 ± 1.6	270 ± 10	11 ± 1	270 ± 10	14 ± 1	0.00 ± 0.53	170 ± 10	49 ± 13	1.3 ± 0.6	4.4 ± 3.1	1.1 ± 0.5	
F18	3/31/2011 10:05	4/1/2011 10:00	0.00 ± 0.54	1.2 ± 0.3	0.20 ± 0.17	1.2 ± 0.3	0.00 ± 0.20	0.07 ± 0.29	11 ± 1	0.7 ± 5.3	0.00 ± 0.19	0.0 ± 1.5	0.08 ± 0.17	
F19	4/1/2011 10:05	4/2/2011 10:00	0.00 ± 0.37	3.6 ± 0.2	0.25 ± 0.12	3.3 ± 0.3	0.34 ± 0.13	0.11 ± 0.16	22 ± 1	2.0 ± 3.7	0.13 ± 0.13	1.3 ± 1.0	0.19 ± 0.12	
F20	4/2/2011 10:05	4/3/2011 9:30	0.81 ± 0.58	2.3 ± 0.3	0.14 ± 0.18	1.7 ± 0.3	0.27 ± 0.22	0.00 ± 0.43	9.3 ± 0.4	0.0 ± 5.5	0.03 ± 0.21	0.0 ± 1.8	0.16 ± 0.17	
F21	4/3/2011 9:35	4/4/2011 10:00	0.00 ± 0.61	10 ± 1	0.43 ± 0.20	11 ± 1	0.68 ± 0.21	0.00 ± 0.30	34 ± 1	5.2 ± 5.5	0.24 ± 0.23	0.0 ± 1.5	0.59 ± 0.20	
F22	4/4/2011 10:05	4/5/2011 9:15	0.00 ± 0.53	2.1 ± 0.3	0.14 ± 0.18	2.0 ± 0.3	0.36 ± 0.18	0.00 ± 0.19	8.9 ± 0.4	0.0 ± 5.2	0.01 ± 0.19	0.7 ± 1.4	0.19 ± 0.17	
F23	4/5/2011 9:20	4/6/2011 10:00	0.15 ± 0.52	1.1 ± 0.3	0.00 ± 0.17	0.84 ± 0.24	0.05 ± 0.17	0.00 ± 0.18	9.3 ± 0.4	0.5 ± 5.3	0.24 ± 0.20	0.0 ± 1.2	0.17 ± 0.17	
F24	4/6/2011 10:05	4/7/2011 10:00	0.62 ± 0.58	3.7 ± 0.3	0.34 ± 0.17	4.6 ± 0.4	0.21 ± 0.18	0.21 ± 0.21	12 ± 1	0.0 ± 5.6	0.53 ± 0.22	0.0 ± 1.3	0.00 ± 0.19	
F25	4/7/2011 10:05	4/8/2011 10:00	0.00 ± 0.56	4.5 ± 0.4	0.24 ± 0.17	4.4 ± 0.4	0.24 ± 0.19	0.00 ± 0.19	8.3 ± 0.4	0.0 ± 5.8	0.00 ± 0.22	1.0 ± 1.3	0.00 ± 0.18	
F26	4/8/2011 10:05	4/9/2011 9:20	0.00 ± 0.35	2.2 ± 0.2	0.00 ± 0.12	2.3 ± 0.2	0.13 ± 0.12	0.00 ± 0.16	5.5 ± 0.3	4.7 ± 3.8	0.00 ± 0.13	0.82 ± 0.87	0.00 ± 0.12	
F27	4/9/2011 9:25	4/11/2011 10:00	0.15 ± 0.37	17 ± 1	0.40 ± 0.12	18 ± 1	0.18 ± 0.11	0.19 ± 0.13	16 ± 1	2.4 ± 3.1	0.42 ± 0.15	0.49 ± 0.76	0.38 ± 0.12	
F28	4/11/2011 10:05	4/13/2011 10:00	0.00 ± 0.18	3.8 ± 0.2	0.087 ± 0.055	3.9 ± 0.2	0.000 ± 0.065	0.19 ± 0.13	5.5 ± 0.2	3.8 ± 1.8	0.088 ± 0.065	0.00 ± 0.50	0.090 ± 0.055	
F29	4/13/2011 10:05	4/15/2011 10:30	0.14 ± 0.28	0.82 ± 0.12	0.000 ± 0.086	0.54 ± 0.14	0.004 ± 0.099	0.00 ± 0.15	2.5 ± 0.2	0.0 ± 2.8	0.000 ± 0.098	1.3 ± 0.7	0.000 ± 0.089	
F30	4/15/2011 10:35	4/17/2011 10:00	0.05 ± 0.28	2.3 ± 0.2	0.12 ± 0.09	1.8 ± 0.2	0.000 ± 0.099	0.00 ± 0.21	1.2 ± 0.2	3.5 ± 2.7	0.005 ± 0.099	0.00 ± 0.78	0.041 ± 0.085	
F31	4/17/2011 10:05	4/19/2011 10:00	0.55 ± 0.29	19 ± 1	0.28 ± 0.09	20 ± 1	0.021 ± 0.086	0.24 ± 0.14	24 ± 1	2.7 ± 2.4	0.031 ± 0.090	0.10 ± 0.63	0.21 ± 0.09	
F32	4/19/2011 10:05	4/21/2011 10:00	0.02 ± 0.41	11 ± 1	0.23 ± 0.12	12 ± 1	0.12 ± 0.12	0.08 ± 0.14	11 ± 1	0.0 ± 3.7	0.15 ± 0.15	0.00 ± 0.86	0.09 ± 0.12	
F33	4/21/2011 10:05	4/23/2011 10:00	0.00 ± 0.18	3.9 ± 0.2	0.052 ± 0.054	4.1 ± 0.2	0.000 ± 0.068	0.00 ± 0.17	3.8 ± 0.2	1.1 ± 1.8	0.005 ± 0.061	0.00 ± 0.52	0.015 ± 0.052	
F34	4/23/2011 11:00	4/26/2011 9:45	0.00 ± 0.13	0.87 ± 0.06	0.000 ± 0.040	0.76 ± 0.07	0.035 ± 0.043	0.000 ± 0.059	0.81 ± 0.06	0.7 ± 1.3	0.047 ± 0.046	0.00 ± 0.33	0.012 ± 0.039	
F35	4/26/2011 9:50	4/29/2011 10:45	0.20 ± 0.11	0.24 ± 0.05	0.039 ± 0.032	0.19 ± 0.05	0.000 ± 0.037	0.000 ± 0.047	0.17 ± 0.04	0.0 ± 1.2	0.012 ± 0.039	0.05 ± 0.27	0.000 ± 0.035	
F36	4/29/2011 10:50	5/2/2011 9:55	0.00 ± 0.20	1.8 ± 0.2	0.077 ± 0.056	1.8 ± 0.2	0.057 ± 0.060	0.000 ± 0.066	0.53 ± 0.08	0.0 ± 1.9	0.039 ± 0.070	1.2 ± 0.5	0.051 ± 0.064	
F37	5/2/2011 10:10	5/5/2011 11:15	0.27 ± 0.15	24 ± 1	0.19 ± 0.05	24 ± 1	0.000 ± 0.049	0.17 ± 0.17	4.5 ± 0.2	3.8 ± 1.2	0.17 ± 0.05	0.50 ± 0.39	0.36 ± 0.06	
F38	5/5/2011 12:00	5/9/2011 10:00	0.014 ± 0.089	0.66 ± 0.05	0.027 ± 0.027	0.64 ± 0.05	0.034 ± 0.035	0.000 ± 0.081	0.28 ± 0.04	1.8 ± 0.9	0.025 ± 0.031	0.02 ± 0.28	0.000 ± 0.028	
F39	5/9/2011 10:05	5/13/2011 10:00	0.000 ± 0.066	0.65 ± 0.04	0.019 ± 0.019	0.70 ± 0.04	0.000 ± 0.024	0.000 ± 0.039	0.11 ± 0.03	0.00 ± 0.69	0.000 ± 0.023	0.04 ± 0.18	0.000 ± 0.021	
F40	5/13/2011 11:05	5/17/2011 10:00	0.000 ± 0.073	0.94 ± 0.05	0.000 ± 0.023	0.96 ± 0.05	0.000 ± 0.026	0.000 ± 0.042	0.096 ± 0.027	0.00 ± 0.74	0.000 ± 0.026	0.16 ± 0.20	0.027 ± 0.023	
F41	5/17/2011 10:05	5/21/2011 10:10	0.000 ± 0.073	0.30 ± 0.03	0.000 ± 0.023	0.34 ± 0.04	0.056 ± 0.027	0.000 ± 0.046	0.031 ± 0.027	0.25 ± 0.76	0.024 ± 0.027	0.00 ± 0.21	0.012 ± 0.024	
F42	5/21/2011 10:35	5/25/2011 9:50	0.067 ± 0.083	5.1 ± 0.2	0.028 ± 0.024	4.8 ± 0.2	0.000 ± 0.027	0.010 ± 0.045	1.2 ± 0.1	0.00 ± 0.78	0.013 ± 0.028	0.00 ± 0.21	0.13 ± 0.03	
F43	5/25/2011 11:30	5/29/2011 17:25	0.04 ± 0.11	15 ± 1	0.027 ± 0.028	14 ± 1	0.000 ± 0.029	0.000 ± 0.053	0.16 ± 0.04	0.59 ± 0.84	0.040 ± 0.032	0.17 ± 0.24	0.070 ± 0.029	
F44	5/29/2011 17:30	6/2/2011 10:00	0.029 ± 0.090	0.78 ± 0.05	0.048 ± 0.026	0.76 ± 0.06	0.031 ± 0.030	0.005 ± 0.040	0.16 ± 0.04	0.00 ± 0.87	0.097 ± 0.034	0.04 ± 0.23	0.000 ± 0.028	
F45	6/2/2011 10:50	6/6/2011 10:00	0.039 ± 0.068	0.043 ± 0.026	0.051 ± 0.020	0.13 ± 0.04	0.006 ± 0.025	0.000 ± 0.037	0.038 ± 0.025	0.45 ± 0.72	0.013 ± 0.025	0.00 ± 0.19	0.000 ± 0.022	
F46	6/6/2011 10:37	6/10/2011 9:50	0.11 ± 0.05	0.037 ± 0.019	0.000 ± 0.015	0.050 ± 0.023	0.000 ± 0.021	0.008 ± 0.043	0.000 ± 0.018	0.00 ± 0.55	0.000 ± 0.016	0.37 ± 0.15	0.021 ± 0.016	
F47	6/10/2011 10:25	6/17/2011 9:23	0.028 ± 0.028	0.19 ± 0.02	0.0000 ± 0.0082	0.17 ± 0.02	0.000 ± 0.012	0.059 ± 0.026	0.006 ± 0.010	0.32 ± 0.32	0.0085 ± 0.0092	0.069 ± 0.092	0.017 ± 0.010	
F48	6/17/2011 10:15	6/24/2011 10:00	0.000 ± 0.028	0.038 ± 0.011	0.015 ± 0.009	0.031 ± 0.014	0.000 ± 0.012	0.000 ± 0.025	0.000 ± 0.010	0.00 ± 0.32	0.016 ± 0.010	0.15 ± 0.09	0.0000 ± 0.0090	
F49	6/24/2011 10:39	7/1/2011 9:50	0.000 ± 0.029	0.39 ± 0.02	0.0000 ± 0.0087	0.37 ± 0.02	0.001 ± 0.012	0.000 ± 0.026	0.000 ± 0.011	0.12 ± 0.33	0.0072 ± 0.0098	0.037 ± 0.092	0.0070 ± 0.0094	
F50	7/1/2011 10:20	7/8/2011 9:35	0.000 ± 0.028	0.12 ± 0.02	0.0011 ± 0.0085	0.094 ± 0.014	0.000 ± 0.012	0.002 ± 0.025	0.010 ± 0.011	0.11 ± 0.32	0.0085 ± 0.0096	0.10 ± 0.09	0.018 ± 0.010	

*1: Collection start and stop times are given as Japan Standard Time (JST); JST = UTC (Universal Time, Coordinated) + 9 h.

*2: The values in italic indicate that the statistical significance of the extracted signal counts is less than three sigma, i.e., the practical level of the detection limit.

Table A1. Collection periods and measured radioactivity concentrations (continued)

Filter No.	Collection ^{*1}		Radioactivity concentration at the end of the sample collection [mBq m ⁻³] ^{*2}										
	Start	Stop	¹⁴⁰ Ba	¹³⁷ Cs	^{136g} Cs	^{134g} Cs	¹³² Te	^{133g} I	¹³¹ I	^{129m} Te	^{110m} Ag	⁹⁹ Mo	^{95g} Nb
F51	7/8/2011 10:30	7/15/2011 10:00	0.000 ± 0.028	0.028 ± 0.011	0.016 ± 0.009	0.023 ± 0.014	0.009 ± 0.012	0.022 ± 0.025	0.000 ± 0.010	0.41 ± 0.32	0.0022 ± 0.0096	0.000 ± 0.092	0.0000 ± 0.0090
F52	7/15/2011 10:45	7/22/2011 10:08	0.000 ± 0.032	0.041 ± 0.013	0.0000 ± 0.0094	0.026 ± 0.015	0.014 ± 0.013	0.001 ± 0.023	0.002 ± 0.012	0.15 ± 0.35	0.000 ± 0.011	0.038 ± 0.093	0.000 ± 0.011
F53	7/22/2011 11:00	7/29/2011 9:45	0.080 ± 0.060	0.17 ± 0.02	0.001 ± 0.018	0.15 ± 0.03	0.050 ± 0.039	0.00 ± 0.60	0.000 ± 0.024	0.00 ± 0.51	0.000 ± 0.017	0.64 ± 0.34	0.034 ± 0.016
F54	7/29/2011 10:45	8/5/2011 10:11	0.034 ± 0.041	0.075 ± 0.015	0.000 ± 0.013	0.045 ± 0.018	0.000 ± 0.022	0.00 ± 0.13	0.001 ± 0.016	0.22 ± 0.42	0.006 ± 0.013	0.30 ± 0.18	0.000 ± 0.012
F55	8/5/2011 10:45	8/12/2011 10:00	0.000 ± 0.032	0.11 ± 0.02	0.0000 ± 0.0095	0.081 ± 0.016	0.025 ± 0.014	0.000 ± 0.032	0.010 ± 0.012	0.00 ± 0.35	0.002 ± 0.012	0.12 ± 0.11	0.017 ± 0.011
F56	8/12/2011 10:30	8/19/2011 10:00	0.000 ± 0.044	0.023 ± 0.012	0.002 ± 0.013	0.029 ± 0.016	0.054 ± 0.040	0.0 ± 1.6	0.026 ± 0.019	0.00 ± 0.39	0.001 ± 0.012	0.05 ± 0.37	0.009 ± 0.012
F57	8/19/2011 10:30	8/26/2011 10:00	0.050 ± 0.043	0.025 ± 0.013	0.000 ± 0.013	0.020 ± 0.016	0.000 ± 0.033	0.00 ± 0.76	0.000 ± 0.018	0.33 ± 0.40	0.020 ± 0.012	0.70 ± 0.29	0.003 ± 0.012
F58	8/26/2011 10:30	9/2/2011 10:05	0.000 ± 0.045	0.056 ± 0.013	0.015 ± 0.013	0.055 ± 0.015	0.000 ± 0.055	0.0 ± 5.8	0.000 ± 0.021	0.00 ± 0.40	0.000 ± 0.011	0.98 ± 0.54	0.000 ± 0.012
F59	9/2/2011 10:18	9/9/2011 9:55	0.000 ± 0.041	0.009 ± 0.011	0.013 ± 0.012	0.001 ± 0.014	0.029 ± 0.047	0.0 ± 4.0	0.030 ± 0.018	0.27 ± 0.37	0.0000 ± 0.0098	0.24 ± 0.45	0.000 ± 0.011
F60	9/9/2011 10:50	9/16/2011 10:15	0.014 ± 0.048	0.014 ± 0.012	0.000 ± 0.014	0.015 ± 0.015	0.082 ± 0.069	0 ± 14	0.004 ± 0.022	0.22 ± 0.41	0.001 ± 0.011	0.49 ± 0.69	0.023 ± 0.012
F61	9/16/2011 10:45	9/24/2011 13:40	0.037 ± 0.028	0.0029 ± 0.0077	0.0024 ± 0.0080	0.0001 ± 0.0097	0.003 ± 0.037	1.8 ± 3.7	0.000 ± 0.013	0.00 ± 0.27	0.0013 ± 0.0062	0.31 ± 0.37	0.0000 ± 0.0074
F62	9/24/2011 13:41	9/30/2011 10:05	0.000 ± 0.061	0.010 ± 0.013	0.000 ± 0.019	0.017 ± 0.016	0.00 ± 0.19	0 ± 430	0.015 ± 0.034	0.00 ± 0.48	0.000 ± 0.012	0.0 ± 2.2	0.000 ± 0.014
F63	9/30/2011 10:12	10/7/2011 10:10	0.024 ± 0.053	0.040 ± 0.013	0.000 ± 0.016	0.058 ± 0.015	0.045 ± 0.090	0 ± 36	0.000 ± 0.025	0.50 ± 0.43	0.017 ± 0.011	0.00 ± 0.95	0.000 ± 0.013
F64	10/7/2011 10:15	10/14/2011 10:03	0.000 ± 0.036	0.025 ± 0.011	0.000 ± 0.012	0.037 ± 0.013	0.000 ± 0.036	0.0 ± 1.8	0.000 ± 0.016	0.00 ± 0.36	0.0030 ± 0.0096	0.56 ± 0.36	0.0000 ± 0.0099
F65	10/14/2011 10:08	10/21/2011 10:00	0.005 ± 0.041	0.033 ± 0.013	0.000 ± 0.013	0.011 ± 0.016	0.000 ± 0.025	0.00 ± 0.27	0.000 ± 0.016	0.00 ± 0.41	0.016 ± 0.013	0.00 ± 0.22	0.000 ± 0.012
F66	10/21/2011 10:05	10/28/2011 9:50	0.000 ± 0.030	0.033 ± 0.010	0.0043 ± 0.0092	0.010 ± 0.012	0.013 ± 0.025	0.00 ± 0.54	0.000 ± 0.013	0.00 ± 0.32	0.0049 ± 0.0084	0.11 ± 0.25	0.013 ± 0.009
F67	10/28/2011 9:55	11/4/2011 10:06	0.000 ± 0.030	0.021 ± 0.010	0.0000 ± 0.0096	0.036 ± 0.013	0.006 ± 0.023	0.05 ± 0.39	0.007 ± 0.012	0.26 ± 0.33	0.0000 ± 0.0087	0.27 ± 0.22	0.0000 ± 0.0090
F68	11/4/2011 10:11	11/11/2011 10:00	0.000 ± 0.031	0.037 ± 0.011	0.015 ± 0.010	0.006 ± 0.013	0.000 ± 0.019	0.01 ± 0.18	0.017 ± 0.012	0.00 ± 0.33	0.0042 ± 0.0092	0.08 ± 0.18	0.0000 ± 0.0093
F69	11/11/2011 10:05	11/18/2011 10:05	0.000 ± 0.025	0.031 ± 0.010	0.011 ± 0.008	0.007 ± 0.012	0.000 ± 0.013	0.000 ± 0.047	0.0000 ± 0.0094	0.38 ± 0.30	0.022 ± 0.009	0.03 ± 0.11	0.0000 ± 0.0083
F70	11/18/2011 10:10	11/25/2011 10:02	0.036 ± 0.023	0.0034 ± 0.0090	0.0000 ± 0.0066	0.000 ± 0.011	0.005 ± 0.012	0.000 ± 0.032	0.0060 ± 0.0089	0.00 ± 0.26	0.0074 ± 0.0069	0.13 ± 0.09	0.0024 ± 0.0076
F71	11/25/2011 10:07	12/2/2011 10:04	0.000 ± 0.022	0.0026 ± 0.0086	0.0000 ± 0.0061	0.000 ± 0.011	0.007 ± 0.012	0.004 ± 0.033	0.0000 ± 0.0085	0.00 ± 0.25	0.0057 ± 0.0064	0.000 ± 0.085	0.0000 ± 0.0071
F72	12/2/2011 10:11	12/9/2011 10:01	0.000 ± 0.025	0.021 ± 0.010	0.0000 ± 0.0068	0.000 ± 0.012	0.003 ± 0.012	0.000 ± 0.026	0.0043 ± 0.0092	0.00 ± 0.27	0.0000 ± 0.0076	0.000 ± 0.079	0.0000 ± 0.0078
F73	12/9/2011 10:08	12/16/2011 10:09	0.005 ± 0.029	0.031 ± 0.011	0.0000 ± 0.0084	0.019 ± 0.013	0.000 ± 0.019	0.23 ± 0.15	0.003 ± 0.012	0.00 ± 0.30	0.0089 ± 0.0081	0.16 ± 0.15	0.0000 ± 0.0085
F74	12/16/2011 10:16	12/23/2011 13:18	0.022 ± 0.027	0.027 ± 0.010	0.0000 ± 0.0079	0.023 ± 0.012	0.003 ± 0.017	0.00 ± 0.11	0.008 ± 0.011	0.00 ± 0.28	0.0072 ± 0.0075	0.02 ± 0.14	0.0000 ± 0.0082
F75	12/23/2011 13:25	12/30/2011 10:25	0.019 ± 0.024	0.025 ± 0.010	0.0029 ± 0.0069	0.014 ± 0.012	0.023 ± 0.012	0.000 ± 0.026	0.0000 ± 0.0089	0.00 ± 0.27	0.0000 ± 0.0074	0.032 ± 0.081	0.0023 ± 0.0078
F76	12/30/2011 10:32	1/6/2012 10:09	0.009 ± 0.027	0.020 ± 0.009	0.0037 ± 0.0074	0.010 ± 0.011	0.000 ± 0.023	0.00 ± 0.36	0.005 ± 0.012	0.00 ± 0.28	0.0016 ± 0.0065	0.00 ± 0.18	0.0020 ± 0.0076
F77	1/6/2012 10:16	1/13/2012 10:14	0.051 ± 0.027	0.042 ± 0.010	0.011 ± 0.008	0.008 ± 0.012	0.000 ± 0.019	0.00 ± 0.16	0.000 ± 0.011	0.00 ± 0.28	0.0000 ± 0.0074	0.17 ± 0.14	0.0000 ± 0.0079
F78	1/13/2012 10:21	1/20/2012 10:54	0.000 ± 0.025	0.028 ± 0.010	0.0000 ± 0.0069	0.000 ± 0.012	0.013 ± 0.012	0.000 ± 0.029	0.0014 ± 0.0094	0.00 ± 0.27	0.0023 ± 0.0076	0.049 ± 0.082	0.0021 ± 0.0079
F79	1/20/2012 10:59	1/27/2012 10:03	0.023 ± 0.028	0.028 ± 0.010	0.0060 ± 0.0079	0.027 ± 0.012	0.000 ± 0.022	0.000 ± 0.028	0.000 ± 0.012	0.00 ± 0.28	0.0091 ± 0.0072	0.00 ± 0.17	0.0000 ± 0.0080
F80	1/27/2012 10:10	2/3/2012 10:07	0.001 ± 0.027	0.043 ± 0.010	0.0000 ± 0.0082	0.009 ± 0.013	0.011 ± 0.015	0.000 ± 0.073	0.000 ± 0.010	0.07 ± 0.32	0.0006 ± 0.0084	0.00 ± 0.13	0.0017 ± 0.0084
F81	2/3/2012 10:15	2/10/2012 10:05	0.001 ± 0.025	0.022 ± 0.010	0.0000 ± 0.0072	0.004 ± 0.012	0.000 ± 0.015	0.000 ± 0.070	0.0005 ± 0.0096	0.00 ± 0.28	0.0000 ± 0.0072	0.01 ± 0.12	0.0078 ± 0.0077
F82	2/10/2012 10:15	2/17/2012 10:08	0.000 ± 0.022	0.033 ± 0.009	0.0000 ± 0.0066	0.020 ± 0.011	0.000 ± 0.012	0.000 ± 0.034	0.0000 ± 0.0084	0.00 ± 0.27	0.0056 ± 0.0066	0.039 ± 0.089	0.0000 ± 0.0072
F83	2/17/2012 10:15	2/24/2012 9:45	0.000 ± 0.024	0.028 ± 0.010	0.011 ± 0.007	0.000 ± 0.012	0.016 ± 0.013	0.000 ± 0.043	0.0000 ± 0.0090	0.00 ± 0.28	0.0080 ± 0.0072	0.050 ± 0.097	0.0011 ± 0.0077
F84	2/24/2012 9:55	3/2/2012 10:06	0.000 ± 0.023	0.022 ± 0.009	0.0035 ± 0.0066	0.013 ± 0.011	0.000 ± 0.012	0.000 ± 0.031	0.0000 ± 0.0085	0.00 ± 0.28	0.0083 ± 0.0071	0.000 ± 0.088	0.0000 ± 0.0076
F85	3/2/2012 10:10	3/9/2012 10:00	0.000 ± 0.025	0.046 ± 0.010	0.0000 ± 0.0081	0.025 ± 0.012	0.023 ± 0.012	0.000 ± 0.034	0.0000 ± 0.0090	0.11 ± 0.31	0.0000 ± 0.0085	0.00 ± 0.11	0.0018 ± 0.0084
F86	3/9/2012 10:04	3/16/2012 9:52	0.027 ± 0.029	0.034 ± 0.011	0.0000 ± 0.0092	0.006 ± 0.014	0.016 ± 0.013	0.000 ± 0.034	0.000 ± 0.011	0.45 ± 0.34	0.0014 ± 0.0099	0.01 ± 0.11	0.0065 ± 0.0095

*1: Collection start and stop times are given as Japan Standard Time (JST); JST = UTC (Universal Time, Coordinated) + 9 h.

*2: The values in italic indicate that the statistical significance of the extracted signal counts is less than three sigma, i.e., the practical level of the detection limit.