

TOUBAKUZAWA

年	月	Sampling date	Sampling time	Water height (mm)	Water temp. (°C)	pH	EC (μS/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH ₄ ⁺ (mg/L)	Cl ⁻ (mg/L)	NO ₃ ⁻ (mg/L)	SO ₄ ²⁻ (mg/L)	
2003	1															
	2															
	3															
	4															
	5															
	6															
	7															
	8	2003/8/26	14:00			12.5	6.72	47	1.25	0.41	0.29	4.55		0.50	0.76	3.27
	9	2003/9/17	12:38			12.0	6.54	59	1.33	0.41	0.34	5.68		0.50	0.87	3.97
	10	2003/10/16	11:24			8.1	6.74	44	1.19	0.37	0.30	4.59		0.52	1.24	3.22
	11	2003/11/19	11:03			7.0	6.61	50	1.22	0.36	0.32	5.35		0.57	1.05	3.75
	12	2003/12/17	10:24			3.0	6.61	47	1.18	0.32	0.32	5.00		0.63	0.91	3.50
2004	1	2004/1/16	12:05		0.4	6.62	50	1.28	0.34	0.34	5.40		0.53	1.01	4.28	
	2	2004/2/18	9:58		1.4	6.74	57	1.15	0.20	0.36	5.87		0.52	1.08	4.65	
	3	2004/3/17	11:15		3.5	6.62	57	1.18	0.31	0.37	5.72		0.73	1.43	4.69	
	4	2004/4/21	10:20		5.1	6.58	29	0.12	0.20	0.09	3.36		0.53	1.60	3.48	
	5	2004/5/19	11:20		8.0	6.51	43	0.73	0.32	0.25	5.13		0.50	1.00	3.03	
	6	2004/6/16	10:30		9.2	6.61	36	0.57	0.29	0.17	4.38		0.48	0.77	3.03	
	7	2004/7/16	10:50		12.2	6.63	52	1.11	0.39	0.31	5.94		0.45	0.91	3.75	
	8	2004/8/18	10:50		14.0	6.66	46	0.91	0.41	0.27	5.55		0.50	1.07	3.14	
	9	2004/9/22	10:57		12.5	6.36	49	0.66	0.32	0.17	4.77		0.55	0.97	4.15	
	10	2004/10/19	10:47		7.9	6.50	39	0.89	0.34	0.27	5.59		0.57	0.69	3.07	
	11	2004/11/17	10:06		6.0	6.20	33	0.50	0.25	0.20	5.27		0.57	0.91	3.70	
	12	2004/12/21	11:03		3.0	6.57	46	0.65	0.19	0.18	4.97		0.53	0.80	3.69	
2005	1	2005/1/19	12:45		1.3	7.01	43	0.95	0.32	0.38	5.67		0.56	0.95	4.08	
	2	2005/2/16	11:07		1.7	6.85	51	0.97	0.29	0.42	5.94		0.52	1.06	4.51	
	3	2005/3/16	11:25		4.0	6.85	55	1.03	0.33	0.49	6.63		0.51	1.84	4.62	
	4	2005/4/22	12:40		4.1	6.73	36	1.15	0.23	0.20	6.01		0.50	1.35	2.94	
	5	2005/5/18	6:04		5.8	6.73	44	1.65	0.39	0.35	9.06		0.49	0.88	3.75	
	6	2005/6/21	10:55		10.5	6.77	49	1.72	0.29	0.36	9.42		0.39	1.37	3.79	
	7	2005/7/20	11:21		12.5	6.85	47	1.31	0.22	0.26	8.61		0.32	0.87	3.28	
	8	2005/8/17	10:50		14.0	6.81	51	1.80	0.36	0.36	10.42		0.40	1.27	3.55	
	9	2005/9/21	10:41		11.9	6.82	52	1.49	0.40	0.36	8.13		0.51	1.16	3.32	
	10	2005/10/19	12:29		9.5	6.76	43	1.36	0.34	0.32	7.64		0.55	1.95	3.20	
	11	2005/11/16	9:25		7.3	6.73	43	1.45	0.30	0.36	8.42		0.60	1.38	3.69	
	12	2005/12/20	10:46		1.6	6.65	45	1.47	0.27	0.39	8.69		0.60	1.40	4.24	
2006	1	2006/1/18	11:00		3.0	6.97	54	1.51	0.26	0.39	9.75		0.77	2.27	4.65	
	2	2006/2/15	10:38		1.4	6.82	50	1.44	0.21	0.41	8.84		0.57	1.96	4.78	
	3	2006/3/15	12:10		3.0	6.85	54	1.47	0.24	0.38	9.51		0.58	2.53	4.49	
	4	2006/4/19	10:50		3.2	6.71	43	1.18	0.05	0.31	6.49		0.61	1.76	3.35	
	5	2006/5/16	10:35		6.0	6.74	46	1.36	0.05	0.31	6.84		0.70	1.38	3.60	
	6	2006/6/21	11:00		9.7	6.75	38	1.31	0.09	0.30	6.04		0.54	1.35	2.89	
	7															
	8	2006/8/16	11:57		14.0	6.76	48	1.48	0.19	0.32	7.18		0.46	1.33	3.12	
	9	2006/9/20	10:28		12.3	6.83	43	1.27	0.15	0.29	6.26		0.47	1.38	2.46	
	10	2006/10/18	12:29		9.5	6.78	46	1.31	0.15	0.31	6.77		0.47	0.84	4.13	
	11	2006/11/22	12:45		7.2	6.30	45	1.37	0.33	0.33	7.04		0.68	2.26	3.20	
	12	2006/12/20	10:45		4.5	6.24	50	1.36	0.31	0.34	8.04		0.63	1.51	3.79	
2007	1	2007/1/17	11:30		2.9	6.50	47	1.28	0.27	0.36	7.92		0.54	1.39	3.81	
	2	2007/2/21	11:38		2.1	7.25	63	0.98	0.27	0.47			0.58	1.74	4.44	
	3	2007/3/22	12:20		4.0	7.32	70	1.03	0.23	0.42			0.59	1.84	5.12	
	4	2007/4/18	11:08		3.2	7.15	55	0.88		0.44			0.70	2.78	4.81	
	5	2007/5/16	11:06		8.0	7.08	53	0.93	0.30	0.39			0.50	1.01	3.44	
	6	2007/6/20	12:35		12.6	7.34	51	1.33	0.27	0.53	7.06		0.55	1.20	3.72	
	7	2007/7/18	11:11		12.8	7.26	42	1.51	0.14	0.43	5.93		0.44	1.12	2.76	
	8	2007/8/15	10:35		14.0	7.47	52		0.27	0.56	7.40		0.64	1.06	3.45	
	9	2007/9/20	10:32		13.5	7.72	48	1.11	0.55	0.29	4.22		0.45	0.81	2.76	
	10	2007/10/17	11:04		10.5	7.78	70	1.37	0.50	0.37	7.43		0.55	1.24	3.92	
	11	2007/11/21	10:59		6.0	7.80	49	1.13	0.23	0.33	5.54		0.48	0.95	3.19	
	12	2007/12/19	11:03		4.0	7.60	55	1.12	0.22	0.32	7.65		0.61	1.12	3.77	
2008	1	2008/1/16	11:07		3.5	7.65	57	1.19	0.23	0.36	8.25		0.56	1.62	4.53	
	2	2008/2/20	11:30		4.5	8.40	52	1.15	0.23	0.36	7.13		0.47	1.16	3.87	
	3	2008/3/19	11:15		3.3	6.77	53	1.06	0.25	0.36	7.02		0.60	3.23	3.99	
	4	2008/4/16	10:40		3.8	7.13	41	0.80	0.19	0.26	2.53		0.53	1.71	2.57	
	5	2008/5/21	10:47		7.0	6.88	37	1.20	0.28	0.24	1.15		0.53	1.58	3.07	
	6	2008/6/18	10:43		9.7	8.02	42	1.30	0.32	0.27	3.22		0.48	0.88	2.89	
	7	2008/7/16	11:52		12.2	8.67	44	1.14	0.30	0.27	3.03		0.40	1.02	2.77	
	8	2008/8/20	12:40		13.5	7.12	50	1.27	0.35	0.31	4.30		0.42	1.56	3.16	
	9	2008/9/17	10:16		12.5	7.49	52	1.20	0.32	0.31	5.73		0.47	1.37	3.19	
	10	2008/10/22	10:43		9.5	6.52	39	1.03	0.24	0.26	7.04		0.43	0.91	2.82	
	11	2008/11/19	10:14		6.5	6.69	51	1.11	0.24	0.30	4.08		0.49	1.19	3.32	
	12	2008/12/17	10:35		4.5	6.73	47	1.04	0.20	0.31	5.91		0.46	1.97	3.35	

Note: blank cell is no data (water was not sampled or not measured /analysed)

TOUBAKUZAWA

年	月	Sampling date	Sampling time	Water height (mm)	Water temp. (°C)	pH	EC (μS/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH ₄ ⁺ (mg/L)	Cl ⁻ (mg/L)	NO ₃ ⁻ (mg/L)	SO ₄ ²⁻ (mg/L)
2009	1	2009/1/21	10:38		2.8	7.10	52	1.13	0.18	0.33	7.88		0.45	1.68	3.90
	2	2009/2/17	11:35		1.0	7.34	50	1.12	0.44	0.28	9.00		0.55	1.82	3.59
	3	2009/3/18	10:53		3.5	7.68	47	1.00	0.36	0.28	7.77		0.56	1.91	2.86
	4	2009/4/21	10:57		6.2	7.29	40	1.06	0.41	0.13	6.29		0.62	1.18	2.47
	5	2009/5/20	10:31		8.0	7.88	41	0.97	0.37	0.29	7.10		0.61	0.00	2.80
	6	2009/6/17	10:04		9.5	7.48	43	0.84	0.47	0.26	6.79		0.41	1.69	2.84
	7	2009/7/22	10:53		12.0	7.80	55	1.11	0.54	0.34	8.65		0.51	1.27	3.67
	8	2009/8/19	10:48		14.0	7.63	49	1.09	0.62	0.31	7.99		0.61	1.51	3.48
	9	2009/9/15	11:12		12.0	7.25	50	1.07	0.53	0.35	9.14		0.43	1.64	3.45
	10	2009/10/21	9:34		9.0	7.29	50	1.07	0.47	0.34	8.91		0.49	1.29	3.35
	11	2009/11/18	10:52		5.0	7.15	42	0.91	0.39	0.28	7.03		0.63	1.53	2.68
	12	2009/12/17	11:16		3.1	7.08	47	0.97	0.39	0.31	8.13		0.64	1.38	3.56
2010	1	2010/1/20	11:03		2.5	7.03	52	0.94	0.36	0.33	9.28		0.50	1.21	3.87
	2	2010/2/18	10:48		1.0	7.31	49	1.14	0.21	0.34	8.41		0.65	1.81	5.03
	3	2010/3/17	11:07		3.0	7.29	41	1.02	0.25	0.27	7.15		0.57	2.92	3.29
	4	2010/4/21	10:50		6.0	7.40	35	0.99	0.33	0.24	6.16		0.55	1.29	3.19
	5	2010/5/18	10:23		8.5	7.67	36	0.90	0.17	0.19	8.80		0.48	0.75	3.06
	6	2010/6/16	12:57		10.0	7.90	34	0.82	0.20	0.15	6.87		0.36	1.64	2.49
	7	2010/7/21	10:53		13.0	7.45	33	0.58	0.32	0.17	8.74		0.43	1.04	2.71
	8	2010/8/18	11:25		14.5	7.91	47	0.77	0.45	0.23	10.24		1.14	2.41	5.77
	9	2010/9/22	10:35		13.5	8.65	51	0.80	0.58	0.26	11.44		1.01	5.12	8.00
	10	2010/10/20	11:08		10.0	7.30	49	0.67	0.45	0.21	9.13		0.61	1.32	2.93
	11	2010/11/17	10:44		5.5	8.18	42	1.21	0.41	0.21	9.33		0.56	1.38	3.50
	12	2010/12/15	10:45		3.0	7.80	40	1.06	0.49	0.18	8.33		0.47	2.15	2.67
2011	1	2011/1/19	10:39		1.0	8.22	51	0.55	0.10	0.16	8.40		0.50	1.19	3.14
	2														
	3	2011/3/16	10:50		3.0	8.18	50	1.36	0.30	0.16	9.97		0.66	2.27	4.59
	4														
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	6														
	7														
	8														
	9														
	10														
	11														
	12														

Note: blank cell is no data (water was not sampled or not measured /analysed)