

FUKUROYAMASAWA A

年	月	Sampling date	Sampling time	Water height (mm)	Water temp. (°C)	pH	EC (μS/cm)	Na ⁺ (mg/L)	K ⁺ (mg/L)	Mg ²⁺ (mg/L)	Ca ²⁺ (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															
	9															
	10		2003/10/15				6.41	114	8.11	0.83	2.82	10.48		9.41	1.26	8.38
	11		2003/11/19				6.65	129	9.22	0.89	3.38	12.02		11.12	0.36	9.57
	12		2003/12/17				6.45	148	8.69	0.83	3.21	11.59		10.54	0.61	10.63
2004	1															
	2															
	3															
	4		2004/4/20			6.95	160	7.96	1.01	2.74	10.21		9.82	0.36	9.90	
	5		2004/5/19			6.68	133	7.97	0.90	3.37	12.53		9.61	0.00	11.59	
	6		2004/6/16			5.94	133	8.14	0.93	3.05	11.13		10.38	0.00	8.63	
	7															
	8															
	9															
	10		2004/10/20				5.98	98	6.18	0.72	2.22	7.87		13.70	0.80	7.27
	11		2004/11/17				6.12	139	7.17	0.74	2.83	10.01		11.04	0.34	8.62
	12															
2005	1					5.98	107	6.84	0.58	2.53	9.37		10.61	0.00	10.97	
	2		2005/2/16			6.24	150	6.60	0.65	2.80	10.54		9.99	0.48	14.40	
	3															
	4		2005/4/20			6.61	123	7.69	0.82	3.17	11.62		10.40	0.00	11.26	
	5		2005/5/18			6.79	150	7.96	0.84	3.47	13.11		9.99	0.46	11.21	
	6		2005/6/14			6.43	136	7.70	0.90	3.11	11.68		9.71	0.65	10.43	
	7		2005/7/20			6.23	135	9.18	1.04	3.51	13.39		9.81	0.55	8.17	
	8															
	9															
	10		2005/10/19				6.33	100	8.05	1.50	2.58	9.39		9.10	0.67	7.51
	11		2005/11/16				6.68	129	9.19	0.84	3.50	12.97		9.47	1.17	10.96
	12															
2006	1															
	2		2006/2/15			7.18	109	7.95	0.81	2.82	10.42		9.98	0.33	10.22	
	3															
	4		2006/4/19	11:37	72.0	6.07	118	8.17	1.23	3.06	11.78	0.00	10.12	0.07	9.15	
	5		2006/5/17	12:30	72.0	14.9	6.36	117	7.74	0.84	3.13	12.09	0.00	8.57	0.27	10.77
	6		2006/6/21	11:03	80.5	19.8	6.36	111	8.87	1.07	2.91	11.51	0.00	10.10	0.29	9.23
	7		2006/7/19	11:48	191.0	18.3	6.00	82	6.32	0.94	2.19	8.35	0.00	7.25	2.22	6.39
	8		2006/8/16	11:02	75.6	22.5	6.15	126	8.97	1.38	3.34	12.92	0.00	8.33	0.65	10.14
	9															
	10		2006/10/24	12:46	88.4	15.2	6.27	94	6.93	0.64	2.59	9.95	0.00	7.73	0.47	6.94
	11		2006/11/22	12:37	78.5	14.0	6.43	114	7.97	0.76	3.16	11.44	0.00	9.11	0.49	9.44
	12		2006/12/27	12:00	131.0	13.6	6.28	88	6.61	0.75	2.65	10.00	0.00	8.44	0.32	6.67
2007	1		2007/1/17	11:35	70.0	7.8	6.39	118	8.29	0.82	3.46	12.20	0.00	9.65	0.38	9.94
	2		2007/2/21	12:45	68.9	9.8	6.26	115	7.53	0.81	3.59	13.94	0.00	9.04	0.45	11.07
	3		2007/3/14	12:35	70.0	10.8	6.33	107	7.81	0.72	3.52	13.97	0.00	8.31	0.17	10.07
	4		2007/4/21	9:50	77.2	12.7	6.63	113	8.14	0.85	3.46	14.13	0.00	9.17	0.00	9.70
	5		2007/5/16	14:21	86.0		6.80	133	9.02	0.92	4.00	16.08	0.00	9.28	0.00	9.83
	6		2007/6/20	11:20	80.5	20.6	6.46	142	17.37	1.95	7.17	13.30	0.00	17.45	1.65	20.81
	7		2007/7/21	15:00	93.2	18.8	6.47	111	7.84	0.92	3.46	13.79	0.00	9.30	0.00	8.51
	8															
	9		2007/9/19	11:45	85.0	21.4	6.63	139	9.64	1.41	4.18	17.30	0.00	10.13	0.30	8.38
	10		2007/10/17	16:19	78.0	16.5	6.59	163	9.68	1.35	4.99	20.27	0.06	9.84	0.66	9.64
	11		2007/11/23				6.90	110	8.17	1.98	3.48	13.38	0.08	10.03	0.89	11.26
	12															
2008	1															
	2		2008/2/20	13:12	81.1											
	3		2008/3/12	15:44	80.5			6.85	2.45	3.04	11.96	0.23	8.85	2.62	13.06	
	4		2008/4/16	12:05	91.1	13.4	7.27	117	8.20	1.35	3.53	13.07	0.00	9.97	0.10	9.81
	5		2008/5/14	12:48	144.0	12.1	7.00	79	6.24	1.35	2.52	10.17	0.00	7.47	0.24	6.35
	6		2008/6/19	9:50	87.1	17.8	6.40	122	8.89	1.81	3.86	15.70	0.08	9.64	0.23	8.90
	7		2008/7/16	11:00		22.2	6.33	100	9.45	1.42	4.62	18.28	0.00	9.47	0.52	8.07
	8															
	9		2008/9/24	10:40		20.1	6.29	110	7.84	1.74	3.33	12.76	0.06	8.63	0.50	9.41
	10		2008/10/7	10:50		18.9	6.23	102	7.46	1.11	3.12	12.53	0.00	8.11	0.61	8.40
	11															
	12		2008/12/17	10:41		10.5	6.28	107	7.57	0.82	3.23	13.21	0.00	5.15	0.09	5.45

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

FUKUROYAMASAWA A

年	月	Sampling date	Sampling time	Water height (mm)	Water temp. (°C)	pH	EC (μS/cm)	Na ⁺ (mg/L)	K ⁺ (mg/L)	Mg ²⁺ (mg/L)	Ca ²⁺ (mg/L)	NH ₄ ⁺ (mg/L)	Cl ⁻ (mg/L)	NO ₃ ⁻ (mg/L)	SO ₄ ²⁻ (mg/L)
2009	1														
	2														
	3	2009/3/9	11:42		10.1	6.55	102	7.15	0.83	3.11	13.16	0.00	9.05	0.06	8.36
	4	2009/4/1	10:59		10.5	7.65	147	8.27	1.64	3.92	15.83	0.11	8.90	0.35	11.73
	5	2009/5/18	12:06		14.3	6.64	123	9.21	1.63	4.35	17.72	0.13	9.54	0.22	9.82
	6	2009/6/17	10:15		15.3	6.14	119	8.49	0.92	4.07	16.65	0.00	8.17	0.81	10.79
	7	2009/7/8	11:08		18.3	5.90	121	7.99	1.72	3.54	14.34	0.11	9.08	0.29	8.94
	8	2009/8/19	10:24		21.6	6.85	134	8.60	2.07	3.73	15.23	0.00	9.11	0.38	8.05
	9	2009/9/16	11:40		19.4	6.67	123	7.46	1.12	3.49	13.83	0.00	6.96	1.80	6.82
	10	2009/10/21	10:58		17.2	7.04	143	8.40	1.11	4.13	16.76	0.00	7.86	0.29	7.64
	11	2009/11/29	9:16		12.3	6.80	91	7.72	0.89	3.64	14.12	0.05	7.92	0.18	10.40
	12	2009/12/16	13:18		9.9	7.22	98	8.62	0.67	3.64	15.76	0.00	9.61	0.00	9.39
2010	1														
	2														
	3														
	4	2010/4/21	14:35					7.08	0.62	3.03	13.45	0.00	8.67	0.00	8.24
	5	2010/5/19	11:49		15.8	6.70	147	9.08	0.87	4.41	18.25	0.00	9.85	0.64	10.55
	6	2010/6/14	10:53		16.5	6.88	144	8.57	1.83	4.44	17.28	0.11	7.74	0.52	10.22
	7														
	8														
	9	2010/9/15			20.9	6.54	128	8.11	1.19	3.75	16.77	0.21	7.42	5.44	13.46
	10	2010/10/20	11:22		16.5	7.10	155	9.07	0.98	4.04	16.71	0.00	9.38	0.00	8.64
	11	2010/11/18	9:53		11.7	7.63	115	8.16	0.84	3.55	14.99	0.00	8.86	1.03	11.77
	12	2010/12/15	13:37		12.4	6.83	102	7.57	0.70	3.15	13.04	0.00	8.93	0.00	9.16
2011	1														
	2														
	3														
	4	2011/4/28	10:07		12.5	6.49	123	7.82	0.92	3.73	16.03	0.00	7.80	0.36	13.20
	5	2011/5/16	10:45		14.1	6.57	110	7.41	0.87	3.35	14.85	0.00	8.57	0.34	9.21
	6	2011/6/15	12:51		14.6	6.42	105	7.88	0.84	3.19	13.90	0.00	8.88	0.00	8.38
	7	2011/7/25	10:48		20.0	6.33	128	8.22	1.15	3.87	17.28	0.00	8.52	2.00	9.70
	8	2011/8/11			24.1	6.78	150	11.22	1.62	3.72	27.55	0.00	9.65	2.83	6.88
	9	2011/9/20	10:07			7.60	105	8.46	1.16	2.38	15.98	0.00	9.78	2.13	7.78
	10														
	11	2011/11/2	13:08			8.50	151	8.81	1.46	4.47	20.25	0.22	9.29	0.00	6.02
	12	2011/12/1	15:12			9.20	122	10.09	1.33	4.55	20.31	0.11	8.78	0.00	4.58
2012	1	2012/1/19				8.30	165	8.74	1.43	6.49	30.31	0.38	9.84	0.00	0.25
	2														
	3	2012/3/12				6.80	93	7.22	0.70	2.15	7.99	0.00	9.82	0.00	8.22
	4	2012/4/21	12:58		10.9	6.62	115	7.75	0.72	3.28	14.79	0.00	9.83	0.00	9.44
	5	2012/5/16	13:02			6.80	90	6.29	0.77	1.75	6.58	0.00	5.50	0.10	4.86
	6	2012/6/19	13:40			6.60	105	7.95	1.38	2.71	10.06	0.00	11.31	0.32	10.31
	7	2012/7/30	14:15			6.40	155	8.57	1.81	3.80	15.52	0.00	8.81	0.10	5.77
	8														
	9	2012/9/30	9:52			6.80	141	8.55	1.16	3.27	12.50	0.00	8.59	0.09	9.61
	10	2012/10/4	15:37			6.60	94	6.80	1.03	2.05	7.47	0.00	10.34	0.43	6.97
	11	2012/11/8	12:20					8.16	0.59	2.43	8.58	0.00	14.43	0.00	11.18
	12	2012/12/27	13:01		5.1	7.10	99	7.07	0.08	2.30	8.29	0.00	10.02	0.00	10.22
2013	1														
	2														
	3														
	4														
	5														
	6														
	7														
	8	2013/8/5	15:00			6.6	123	9.31	1.88	3.67	14.72	0.67	9.21	0.00	5.03
	9	2013/9/18	14:40			6.9	130	9.05	1.18	2.29	12.18	0.00	15.00	0.36	12.08
	10	2013/10/17	16:40			6.6	102	18.68	2.29	3.52	16.16	0.00	20.01	2.02	32.03
	11	2013/11/11	15:00			6.8	105	7.93	0.89	2.52	8.99	0.00	14.74	0.08	11.18
	12	2013/12/19	10:00				154	8.62	0.90	3.28	12.27	0.00	19.57	0.58	14.97
2014	1	2014/1/15	10:23					7.32	0.72	2.39	8.82	0.00			
	2														
	3														
	4	2014/4/10	13:30			6.8	114	7.93	0.72	2.66	9.64	0.00	10.56	0.00	8.87
	5														
	6	2014/6/16	14:00			6.6	115	8.03	0.85	2.77	9.66	0.00	9.97	0.00	6.92
	7	2014/7/12				6.4	123	17.43	0.94	3.94	13.64	0.00	10.01	1.26	9.39
	8														
	9	2014/9/13	11:00			6.4	137	8.12	1.10	3.19	11.56	0.02	8.93	0.75	8.86
	10	2014/10/11				7.5	115	8.23	2.76	3.23	9.10	0.18	10.46	0.32	8.26
	11	2014/11/24	12:00					8.76	3.12	3.57	13.50	0.05	12.72	0.79	9.36
	12	2014/12/10	12:00			9.3	78	5.96	2.53	2.04	7.42	0.02	9.32	0.82	7.58

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

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年	月	Sampling date	Samplin g time	Water height (mm)	Water temp. (°C)	pH	EC (μS/cm)	Na ⁺ (mg/L)	K ⁺ (mg/L)	Mg ²⁺ (mg/L)	Ca ²⁺ (mg/L)	NH ₄ ⁺ (mg/L)	Cl ⁻ (mg/L)	NO ₃ ⁻ (mg/L)	SO ₄ ²⁻ (mg/L)	
2015	1	2015/1/13	14:10					8.06	3.79	2.78	9.26	0.00	13.34	0.82	11.36	
	2															
	3	2015/3/16				7.2	113	8.52	3.04	2.95	10.16	0.01	12.48	0.81	9.10	
	4	2015/4/18	14:30			6.6	89	8.13	2.94	2.70	9.43	0.00	12.34	0.00	8.81	
	5	2015/5/27				6.3	173	10.34	1.39	5.03	17.60	0.49	13.45	0.02	6.01	
	6	2015/6/13	12:53			9.3	63	3.21	0.25	1.63	8.42	0.17	5.19	0.60	3.56	
	7	2015/7/14	12:54			6.7	115	8.11	0.41	3.22	9.89	0.01	10.79	0.81	7.04	
	8															
	9	2015/9/24				7.0	118	10.24	1.01	5.41	11.88	0.00	11.88	0.82	7.58	
	10	2015/10/29				6.9	150	11.01	1.23	7.39	16.67	0.00	11.11	0.71	6.94	
	11	2015/11/20	13:50			6.9	109	7.63	0.61	2.88	9.15	0.00	9.07	0.00	7.59	
	12															
2016	1	2016/1/19	12:00			6.9	99	7.06	0.70	2.34	7.62	0.00	9.38	0.00	7.82	
	2															
	3	2016/3/16	13:13			6.9	104	8.42	0.69	2.83	8.89	0.00	11.67	0.56	7.23	
	4	2016/4/13	11:00			6.4	110	8.32	0.76	3.65	10.99	0.00	14.65	0.00	10.17	
	5	2016/5/10	12:20			7.0	109	6.44	0.71	2.72	8.26	0.00	9.46	0.00	6.51	
	6															
	7	2016/7/11	15:37			7.1	130	7.67	0.87	3.38	10.28	0.00	9.72	0.93	7.43	
	8	2016/8/29	13:40			7.1	138	8.01	1.00	3.62	11.16	0.00	9.91	1.12	7.90	
	9															
	10															
	11	2016/11/25	15:30			7.3	122	7.46	0.73	3.13	9.43	0.00	10.56	0.00	7.18	
	12	2016/12/14	15:00			7.2	106	6.40	0.74	2.58	7.81	0.00	9.27	0.87	6.07	
2017	1	2017/1/17	15:00			7.3	122	7.15	0.71	3.06	9.21	0.00	10.33	0.83	7.85	
	2	2017/2/24				9.0	142	7.43	1.24	4.41	11.03	0.26	11.36	0.87	3.47	
	3															
	4															
	5	2017/5/12				6.8	320	9.56	2.30	9.68	34.26	1.32	10.82	0.88	0.94	
	6															
	7															
	8	2017/8/17	14:00			7.3	96	7.40	0.97	3.05	9.53	0.00	8.99	0.95	7.41	
	9	2017/9/15	9:43			7.0	135	8.92	1.37	4.71	15.04	0.00	8.76	1.58	8.63	
	10															
	11															
	12															
2018	1															
	2															
	3	2018/3/15	10:51			7.4	114	8.76	0.90	3.77	11.24	0.00	14.87	0.00	8.41	
	4	2018/4/16	9:55			6.9	119	8.54	1.04	3.80	11.59	0.00	17.71	0.67	8.45	
	5	2018/5/15	9:52			7.6	123	7.87	0.74	2.62	9.77	0.00	13.00	0.00	6.29	
	6	2018/6/18	9:50			7.5	143	9.31	0.93	3.43	12.37	0.00	12.07	0.23	7.62	
	7	2018/7/17	9:44			7.6	200	10.26	1.46	4.68	18.17	0.48	12.05	0.00	3.40	
	8	2018/8/15	9:57			7.7	163	10.42	1.31	4.10	14.95	0.00	12.66	0.62	6.51	
	9	2018/9/18	10:15			7.9	129	9.05	1.05	3.23	11.80	0.00	10.68	0.76	7.58	
	10	2018/10/16	10:38			7.8	156	10.24	1.16	3.83	14.22	0.00	12.94	0.53	7.11	
	11	2018/11/14	13:20			7.5	139	10.06	1.07	3.81	13.73	0.00	12.56	0.77	8.44	
	12	2018/12/18	9:41			8.0	119	8.94	0.85	3.27	11.68	0.00	12.45	0.25	8.82	

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

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2019	1															
	2															
	3	2019/3/15	9:37					7.50	0.87	2.94	6.87		13.12	0.11	9.72	
	4	2019/4/15	10:11					7.35	0.88	2.67	6.45		13.36	0.06	6.17	
	5	2019/5/15	9:56					7.79	0.95	3.34	7.90		11.01	0.13	8.36	
	6	2019/6/14	9:28					9.15	0.99	3.70	7.90		13.25	0.08	8.08	
	7	2019/7/18	9:25					8.88	0.87	3.27	7.43		13.15	0.05	6.41	
	8															
	9	2019/9/19	10:46						8.94	1.02	3.43	7.16		11.61	0.06	6.84
	10	2019/10/16	13:16						9.11	0.97	3.25	4.54		15.55	0.10	7.79
	11	2019/11/20	10:12						9.78	1.13	4.36	9.18		14.61	0.28	7.55
	12	2019/12/18	10:52						9.00	0.92	3.66	8.16		13.13	0.16	7.96
2020	1	2020/1/15	10:16	75.5				7.54	0.72	3.21	9.84		11.19	0.32	8.73	
	2	2020/2/19	11:35	80.0				9.62	0.92	4.52	11.28		12.97	0.49	8.47	
	3	2020/3/18	10:00	62.0				8.00	0.73	3.34	9.55		12.78	0.09	8.97	
	4	2020/4/22	10:20	98.3				8.19	0.75	3.22	9.04		13.09	0.00	7.17	
	5	2020/5/20	10:05	84.5				3.14	0.34	1.44	5.26		4.32	0.07	2.85	
	6	2020/6/17	9:51	75.5				10.06	1.18	5.05	14.29		10.97	0.15	7.52	
	7	2020/7/21	10:06	93.0				6.05	0.58	2.67	8.37		7.70	0.08	3.69	
	8															
	9															
	10	2020/10/21	10:08	88.0					8.91	0.82	3.50	8.39		10.42	0.18	6.87
	11															
	12															
2021	1															
	2	2021/2/17	10:09	82.5				6.76	0.70	2.46	7.48		10.86	0.16	8.95	
	3	2021/3/17	10:15	75.5				8.07	0.77	3.18	8.91		11.43	0.11	8.85	
	4	2021/4/21	10:00	85.5				8.14	0.79	3.12	9.42		12.44	0.00	7.63	
	5	2021/5/20	9:35	88.5				8.18	0.85	3.26	10.12		10.86	0.10	7.90	
	6	2021/6/16	11:07	82.5				9.59	1.06	4.28	13.09		11.92	0.14	6.72	
	7	2021/7/21	10:01	72.5				10.48	1.38	5.46	17.10		12.17	0.00	3.21	
	8	2021/8/18	10:03	95.0				8.49	0.90	3.15	9.02		10.53	0.20	6.92	
	9	2021/9/22	10:52	87.0	19.4	6.23	110	9.05	0.92	3.36	9.40		11.40	0.13	6.45	
	10	2021/10/20	12:23	71.5	17.1	6.37	122	6.70	1.05	2.47	10.28		9.96	0.49	8.68	
	11	2021/11/17	10:27	61.0	13.3	6.45	121	8.02	0.97	2.93	10.24		11.42	0.41	7.70	
	12	2021/12/22	11:25	73.5	10.0	6.66	106	6.49	0.79	2.05	8.54		11.61	0.08	8.58	

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