

JYUGEI_2GOSAWA

年	月	Sampling date	Sampling time	Water height (mm)	Water temp. (°C)	pH ^s	EC ^s (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	2003/9/17	10:44	399	20.4	6.70	154	6.62	0.34	3.31	6.40	0.00	10.14	0.61	35.54	
	10	2003/10/15	11:10	403	16.2	6.71	157	6.60	0.41	3.34	6.70	0.00	9.61	0.88	33.86	
	11	2003/11/19	10:09	423	14.6	6.49	125	8.00	0.39	2.73	5.28	0.00	10.57	0.65	26.71	
	12	2003/12/17	10:55	409	10.2	6.73	153	4.05	0.16	2.81	5.05	0.00	10.95	0.00	35.83	
2004	1	2004/1/21	11:17	390	7.2	6.55	169	4.02	0.16	3.20	6.25	0.08	10.21	0.00	40.65	
	2	2004/2/18	10:19	384	7.5	6.57	152	4.64	0.16	3.27	6.50	0.00	10.15	0.00	42.34	
	3	2004/3/17	10:25	382	11.9	6.92	170	8.85	0.43	3.63	7.75	0.00	10.10	0.00	42.52	
	4	2004/4/21	10:36	390	14.3	6.88	156	7.68	0.43	3.36	7.21	0.00	10.56	0.00	37.63	
	5	2004/5/19	10:21	452	15.4	6.86	119	5.98	0.36	2.27	4.42	0.00	11.77	0.00	20.62	
	6	2004/6/16	10:23	437	16.9	6.76	115	7.97	0.55	2.66	5.39	0.08	11.60	0.35	26.38	
	7	2004/7/21	13:10	401	21.5	7.01	159	8.41	0.57	3.55	7.02	0.08	10.70	0.70	35.41	
	8	2004/8/18	10:18	424	21.0	7.20	126	7.27	0.48	3.19	6.32	0.08	10.70	2.16	30.05	
	9	2004/9/22	10:45	406	20.7	7.11	155	5.56	0.49	3.34	6.75	0.03	10.38	1.10	33.92	
	10	2004/10/22	10:29	513	16.6	6.92	113	5.11	0.33	2.25	3.95	0.00	11.92	0.87	17.64	
	11	2004/11/19	13:06	435	15.3	6.67	161	5.16	0.39	3.16	6.02	0.00	12.19	0.66	29.35	
	12	2004/12/22	10:23	398	11.5	6.93	191	5.21	0.57	3.99	7.80	0.12	11.62	0.53	41.34	
2005	1	2005/1/19	11:15	391	8.9	6.35	194	5.40	0.40	4.01	8.15	0.00	11.05	0.27	43.81	
	2	2005/2/16	10:29	388	8.8	7.10		5.78	0.31	3.09	6.51	0.00	10.22	0.22	41.07	
	3	2005/3/16	10:31	384	9.2	7.12		6.25	0.32	3.11	6.69	0.00	12.29	0.22	55.06	
	4	2005/4/21	10:17	488	13.9	6.90		4.95	0.23	1.56	3.13	0.00	9.88	1.09	17.22	
	5	2005/5/18	9:55	402	14.3	6.11		5.19	0.26	2.27	5.26	0.00	8.59	0.22	31.59	
	6	2005/6/21	14:43	403	18.1	6.65		6.64	0.35	2.57	5.56	0.00	9.91	0.83	33.52	
	7	2005/7/20	11:06	415	19.1	6.81	121	10.88	0.60	4.44	10.56	0.00	11.20	0.35	34.15	
	8	2005/8/22	16:11	407	21.0	6.68	182	10.93	0.74	4.64	10.58	0.00	10.17	1.81	35.61	
	9	2005/9/21	10:25	401	19.5	6.87	193	11.21	0.62	4.64	9.31	0.00	10.78	0.63	36.83	
	10	2005/10/19	10:23	415	17.1	7.02	187	10.62	0.65	4.40	9.18	0.09	10.43	2.44	34.15	
	11	2005/11/16	10:25	393	12.8	6.76	200	13.59	0.62	4.72	10.08	0.06	10.49	1.05	39.02	
	12	2005/12/21	10:22	385	8.1	7.19	160	10.70	0.51	5.10	10.27	0.00	10.24	0.00	41.95	
2006	1	2006/1/18	10:18	386	10.5	7.80	161	10.66	0.55	5.03	10.29	0.00	10.34	0.00	40.28	
	2	2006/2/15	10:25	391	14.0	7.83	148	10.30	0.51	4.63	9.44	0.00	10.32	0.00	36.64	
	3	2006/3/15	10:24	406	9.0	8.06	142	10.10	0.50	4.34	9.23	0.12	10.99	0.19	35.41	
	4	2006/4/19	9:55	432	14.4	7.97	124	9.96	0.52	3.78	7.65	0.08	11.45	0.38	29.29	
	5	2006/5/17	9:58	458	16.0	7.81	113	9.04	0.50	4.09	6.42	0.09	11.78	0.48	23.74	
	6	2006/6/21	10:19	466	17.7	8.10	108	9.00	0.50	3.33	6.08	0.08	11.59	0.56	22.75	
	7	2006/7/20	13:09	437	18.6	7.77	123	9.72	0.54	3.80	7.09	0.08	11.04	1.11	28.17	
	8	2006/8/16	10:50	434	21.2	8.18	123	3.51	0.22	2.20	4.45	0.04	4.08	0.27	13.36	
	9	2006/9/20	11:52	391	21.5	6.93	145	11.33	1.74	6.37	9.64	0.22	11.34	0.91	39.29	
	10	2006/10/18	10:15	382	18.5	8.30	143	11.26	0.63	5.00	10.17	0.05	10.55	0.68	42.51	
	11	2006/11/22	10:53	381	15.1	7.93	152	11.19	0.73	5.44	11.52	0.22	10.12	0.87	41.75	
	12	2006/12/22	10:39	376	11.1	7.65	156	11.27	0.75	5.58	11.70	0.26	10.09	0.58	43.28	
2007	1	2007/1/18	10:23	377	9.3	7.49	158	11.11	0.67	5.53	11.66	0.17	10.13	0.29	43.01	
	2	2007/2/26	14:21	374	9.6	7.54	160	11.52	0.63	5.48	11.62	0.14	10.08	0.29	42.84	
	3	2007/3/20	10:18	376	8.5	7.26	157	10.75	0.53	5.29	12.93	0.10	10.43	0.27	44.77	
	4	2007/4/18	10:18	396	11.7	7.62	140	10.03	0.50	4.47	10.92	0.15	10.69	0.80	35.15	
	5	2007/5/16	10:20	392	15.3	7.18	144	10.23	0.53	4.59	11.20	0.00	10.61	0.27	35.77	
	6	2007/6/20	10:23	401	18.4	7.50	135	10.46	0.57	4.59	10.70	0.27	10.97	0.53	36.18	
	7	2007/7/19	10:25	487	16.9	7.93	102	9.00	0.45	3.07	5.37	0.00	11.09	0.47	19.86	
	8	2007/8/16	14:45	394	21.9	7.81	138	10.67	0.63	4.72	10.55	0.00	10.92	0.80	38.02	
	9	2007/9/20	10:25	421	19.3	8.24	125	9.92	0.53	4.10	8.45	0.00	11.20	0.67	30.74	
	10	2007/10/17	10:20	392	16.5	7.82	141	10.90	0.58	4.92	11.04	0.08	11.21	0.93	39.99	
	11	2007/11/21	10:32	387	12.5	7.73	147	10.69	0.55	4.99	11.19	0.12	10.95	0.53	41.12	
	12	2007/12/20	10:15	378	9.7	7.52	151	10.69	0.54	5.23	12.34	0.00	10.51	0.40	43.51	
2008	1	2008/1/18	10:20	374	8.2	7.35	153	10.57	0.52	5.24	12.61	0.00	10.30	0.40	43.61	
	2	2008/2/18	14:11	376	7.2	7.21	158	10.63	0.50	5.27	12.88	0.00	10.53	0.27	44.58	
	3	2008/3/19	9:56	374	11.5	7.51	155									
	4	2008/4/16	14:19	401	14.1	7.38	130									
	5	2008/5/21	10:18	478	15.3	7.48	98	8.58	0.43	3.02	6.31	0.00	11.22	1.33	19.80	
	6	2008/6/18	10:23	414	17.2	7.61	131	10.04	0.52	4.30	9.33	0.00	11.32	0.67	33.23	
	7	2008/7/17	10:35	407	19.6	8.16	131	10.28	0.56	4.37	9.21	0.00	11.15	0.80	34.65	
	8	2008/8/20	10:47	382	21.8	8.04	140	11.28	0.73	4.93	9.99	0.00	10.20	0.95	39.02	
	9	2008/9/17	14:31	392	19.7	8.01	147	10.85	0.68	4.71	9.03	0.00	10.26	0.72	36.37	
	10	2008/10/22	12:01	395	17.2	6.75	152									
	11	2008/11/20	14:20	380	11.3	7.52	157	10.74	0.64	4.91	9.81	0.00	10.19	0.62	40.84	
	12	2008/12/18	10:53	381	11.4	7.31	158	10.81	0.60	4.95	10.22	0.00	10.23	0.48	42.44	

JYUGEI_2GOSAWA

年	月	Sampling date	Samplin g time	Water height (mm)	Water temp. (°C)	pH ^s	EC ^s (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	2009/1/23	14:35	376	11.4	7.24	159	10.91	0.64	5.01	10.69	0.00	10.23	0.29	42.75
	2	2009/2/18	14:44	374	8.1	7.10	164	10.88	0.61	5.05	10.73	0.00	10.28	0.22	43.02
	3	2009/3/26	10:33	427	10.6	7.01	122	9.34	0.49	3.63	6.94	0.00	10.34	0.43	28.25
	4	2009/4/22	10:40	495	14.1	7.02	98	8.13	0.42	2.68	5.04	0.00	9.57	1.34	18.38
	5	2009/5/20	11:00	406	16.2	7.03	141	10.41	0.60	4.45	8.61	0.00	10.39	0.43	34.98
	6	2009/6/17	11:20	394	16.5	7.02	147	11.02	0.57	4.52	9.36	0.00	10.13	0.68	37.51
	7	2009/7/21	11:10	465	17.3	7.20	109	9.58	0.48	3.23	5.78	0.00	10.62	0.49	23.60
	8	2009/8/21	10:40	413	18.8	7.33	132	10.68	0.55	4.05	7.46	0.00	10.59	0.58	32.84
	9	2009/9/17	11:10	384	17.8	6.91	148	11.51	0.63	4.77	9.37	0.00	10.48	0.69	40.94
	10	2009/10/21	11:10	386	15.6	6.45	146	8.92	0.48	3.71	7.59	0.00	10.48	0.48	39.71
	11	2009/11/18	10:30	418	13.5	6.72	125	9.82	0.57	3.73	7.60	0.00	10.41	0.82	30.59
	12	2009/12/16	10:25	387	10.8	6.64	143	10.87	0.55	4.64	9.36	0.00	10.50	0.34	40.46
2010	1	2010/1/19	14:20	376	8.2	6.71	154	11.08	0.55	4.87	10.13	0.00	10.23	0.25	42.95
	2	2010/2/17	15:15	376	7.1	6.92	154	11.11	0.55	4.87	10.44	0.00	10.32	0.29	42.44
	3	2010/3/17	15:05	455	11.8	6.47	105	9.28	0.43	3.16	5.75	0.00	7.20	0.34	16.61
	4	2010/4/21	14:45	408	14.6	6.30	133	10.66	0.54	4.16	7.96	0.00	10.60	0.20	35.17
	5	2010/5/19	14:10	398	14.8	6.92	140	11.14	0.63	4.55	8.56	0.00	11.51	0.26	41.46
	6	2010/6/17	15:00	398	17.7	6.70	138	11.12	0.64	4.50	8.72	0.00	10.65	0.72	38.51
	7	2010/7/21	13:40	419	19.3	6.85	121	10.61	0.58	3.96	7.15	0.00	11.46	0.64	34.32
	8	2010/8/18	9:50	405	21.2	7.30	129	11.07	0.67	4.24	8.35	0.00	11.67	0.94	38.33
	9	2010/9/22	10:55	382	20.8	7.02	147	11.58	0.62	4.91	9.89	0.00	11.55	0.85	47.35
	10	2010/10/20	10:50	397	17.0	7.09	135	10.78	0.61	4.46	8.88	0.00	11.31	0.75	40.28
	11	2010/11/18	9:30	388	12.3	7.11	136	10.94	0.58	4.81	9.41	0.00	11.17	0.66	44.27
	12	2010/12/15	9:35	429	12.0	7.09	114	9.56	0.53	3.66	7.08	0.00	11.37	1.96	32.54
2011	1	2011/1/19	9:45	383	7.3	7.23	144	10.97	0.53	4.94	9.85	0.00	11.68	0.33	48.53
	2	2011/2/16	9:45	380	7.7	7.24	148		0.64	4.94	10.84	0.11	10.05		39.94
	3	2011/3/16	9:33	390	9.7	7.28	129		0.79	4.26	8.96	0.02	9.86		34.60
	4	2011/4/20	9:42	408	11.6	7.66	117		0.31	3.84	7.89	0.02	10.20		28.09
	5	2011/5/18	9:25	423	14.2	7.13	116		0.39	3.70	7.75	0.10	9.85		26.78
	6	2011/6/22	9:35	470	16.5	7.21	102		0.77	3.23	5.63	0.00	9.68		20.84
	7	2011/7/21	9:30	452	18.2	7.18	105		0.48	3.54	5.97	0.03	9.91		22.40
	8	2011/8/17	15:05	390	21.2	6.79	135		0.99	4.60	8.82	0.00	10.45		35.54
	9	2011/9/22	13:55	485	18.6	7.09	94		0.50	2.84	5.38	0.06	9.80		16.40
	10	2011/10/19	11:05	390	16.0	6.96	135		0.64	4.38	8.73	0.07	10.72		34.41
	11	2011/11/17	9:55	383	14.1	7.08	134		0.71	4.72	9.52	0.00	10.53		36.68
	12	2011/12/21	15:15	381	9.8	6.83	134		0.79	4.73	9.59	0.15	10.55		38.02
2012	1	2012/1/18	10:45	374	7.6	6.80	141		0.70	4.99	9.96	0.00	10.53		40.26
	2	2012/2/24	15:30	387	9.7	6.84	126		0.45	4.64	9.36	0.07	10.81		34.74
	3	2012/3/21	14:25	437	10.9	6.63	103		0.51	3.34	6.39	0.00	10.44		23.21
	4	2012/4/18	10:25	405	12.7	6.67	116		0.69	4.01	8.21	0.00	10.46		29.47
	5	2012/5/16	13:40	423	16.1	7.14	111		0.59	3.91	7.00	0.00	10.46		28.78
	6	2012/6/20	13:40	530	16.8	7.01	80		0.44	2.13	3.76	0.05	9.48		13.12
	7	2012/7/19	14:00	398	20.9	7.04	123		0.79	4.53	9.02	0.06	10.76		37.43
	8	2012/8/22	9:55	385	20.9	7.24	121		0.78	4.99	10.32	0.08	10.42		42.09
	9	2012/9/20	13:55	410	20.7	7.15	107		0.73	4.30	9.05	0.07	10.40		33.70
	10	2012/10/17	10:10	380	17.2	7.35	123		0.69	5.03	10.74	0.05	10.43		42.99
	11	2012/11/21	13:55	428	13.8	7.16	96		0.52	3.69	6.96	0.05	11.02		27.36
	12	2012/12/19	11:00	393	10.2	6.89	117		0.55	4.73	9.12	0.07	11.03		39.54
2013	1	2013/1/16	9:55	71	8.4	7.34	113		0.51	4.54	8.94	0.05	10.93		37.95
	2	2013/2/21	13:40	100	9.0	7.20	94		0.46	3.46	6.73	0.05	11.07		25.74
	3	2013/3/21	14:00	78	12.2	7.41	113		0.51	4.47	8.98	0.03	11.25		36.04
	4	2013/4/17	14:10	88	14.5	7.23	113		0.66	4.31	7.86	0.20	14.77		43.22
	5	2013/5/22	14:00	84	16.6	7.24	111		0.59	4.33	8.02	0.31	14.68		43.51
	6	2013/6/18	14:55	72	18.8	7.09	119		0.72	4.64	9.02	0.17	14.75		48.18
	7	2013/7/18	14:20	100	19.7	6.92	104		0.83	3.91	7.03	0.16	14.58		38.68
	8	2013/8/21	14:55	71	21.6	7.02	119		0.80	4.83	9.53	0.11	14.63		47.77
	9	2013/9/18	14:15	76	19.2	6.99	117		0.91	4.72	9.41	0.18	14.58		46.22
	10	2013/10/17	14:15	69	17.4	6.99	117		0.94	5.20	9.79	0.08	15.06		48.58
	11	2013/11/20	14:35	75	12.8	6.77	108		0.63	4.35	8.34	0.29	14.98		43.90
	12	2013/12/17	14:50	62	10.4	6.87	118		0.69	4.98	10.07	0.11	14.29		53.12
2014	1	2014/1/22	14:25	57	8.5		124		0.61	5.12	10.84	0.06	13.98		55.98
	2	2014/2/19	14:25	57	8.2	7.38	129		0.62	5.16	11.03	0.02	14.05		55.84
	3	2014/3/19	14:10	86	11.8	7.19	105		0.63	3.94	7.89	0.08	14.53		39.70
	4	2014/4/16	14:35	80	13.1	7.16	115		0.60	4.40	8.62	0.17	14.49		45.66
	5	2014/5/22	14:10	93	15.6	7.21	104		0.65	4.06	8.08	0.04	14.19		40.06
	6	2014/6/17	15:05	80	16.6	7.05	107		0.59	4.26	8.14	0.01	11.27		33.31
	7	2014/7/16	14:35	65	19.8	7.16	122		0.69	4.79	9.87	0.07	10.47		39.61
	8	2014/8/20	14:50	54	21.8	7.26	126		0.72	4.93	10.59	0.08	10.36		41.72
	9	2014/9/18	15:00	60	18.9	7.13	124		0.70	4.95	10.46	0.06	10.33		41.80
	10	2014/10/21	13:45	80	16.8	7.14	110		0.68	4.47	8.88	0.04	11.14		35.30
	11	2014/11/19	13:55	65	13.0	7.18	120		0.57	4.89	9.83	0.05	10.57		40.95
	12	2014/12/17	14:15	72	8.3	7.13	114		0.64	4.68	9.72	0.04	10.83		39.68

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2015	1	2015/1/21	11:10	62	9.2	7.37	118		0.61	5.22	10.79	0.08	10.47		42.00
	2	2015/2/18	14:20	65	8.8	7.33	121		0.53	5.04	10.60	0.04	10.51		41.74
	3	2015/3/18	13:30	74	12.3	7.15	114		0.56	4.59	9.13	0.06	10.81		37.39
	4	2015/4/22	13:30	115	13.7	7.20	93		0.55	3.55	7.03	0.07	11.54		24.41
	5	2015/5/20	14:00	88	16.6	7.15	104		0.58	4.19	8.43	0.07	11.18		33.22
	6	2015/6/17	13:50	94	16.8	7.16	105		0.59	5.05	8.11	0.10	11.13		30.36
	7	2015/7/22	10:05	130	17.4	7.01	90		0.51	3.46	6.04	0.09	11.83		23.60
	8	2015/8/19	14:25	120	18.9	7.04	89		0.56	3.44	6.22	0.07	11.40		23.74
	9	2015/9/16	10:20	100	17.3	7.09	100		0.53	4.04	6.90	0.07	11.52		29.51
	10	2015/10/21	14:10	64	16.6	7.25	115		0.65	4.82	9.75	0.06	10.70		39.77
	11	2015/11/19	11:05	99	15.6	7.04	104		0.52	3.98	7.90	0.02	10.16		32.46
	12	2015/12/16	14:20	90	14.2	7.15	135		0.55	3.93	7.68	0.04	11.15		30.26
2016	1	2016/1/20	14:05	61	8.1	7.23	161		0.56	4.97	10.19	0.05	10.71		42.27
	2	2016/2/17	14:05	60	8.6	7.26	160		0.53	5.02	10.53	0.03	10.75		42.77
	3	2016/3/16	14:25	90	11.1	7.13	131		0.51	3.85	7.72	0.04	10.87		30.13
	4	2016/4/20	14:15	93	13.8	7.18	129		0.50	3.99	7.85	0.04	11.56		29.52
	5	2016/5/19	14:00	110	15.6	7.24	122		0.49	3.57	6.86	0.03	11.23		25.69
	6	2016/6/22	13:35	80	17.7	7.15	137		0.62	4.45	8.96	0.03	10.27		35.85
	7	2016/7/20	14:05	80	19.4	7.15	135		0.56	4.34	8.24	0.05	11.08		34.50
	8	2016/8/17	14:05	59	21.1	7.19	149		0.68	4.97	10.07	0.06	10.71		41.37
	9	2016/9/21	13:30	130	17.8	7.03	110		0.51	3.31	5.76	0.00	10.84		23.07
	10	2016/10/19	14:00	78	17.8	7.13	138		0.57	4.42	8.47	0.02	10.60		35.44
	11	2016/11/16	14:00	69	14.7	7.11	144		0.63	4.73	9.49	0.03	10.48		39.26
	12	2016/12/21	13:45	67	11.8	7.22	145		0.52	4.72	9.48	0.00	10.33		39.27
2017	1	2017/1/17	14:00	63	8.2	7.18	146		0.57	4.88	9.91	0.10	8.80		38.52
	2	2017/2/22	13:50	56	8.8	7.27	155		0.86	5.48	13.77	0.02	9.81		40.21
	3	2017/3/22	13:30	60	10.2	7.33	154		0.59	4.90	10.53	0.10	8.83		39.59
	4	2017/4/19	13:50	175	14.1	7.04	91		0.41	2.59	4.65	0.02	9.32		14.83
	5	2017/5/17	13:45	69	15.1	7.17	140		0.58	4.83	9.86	0.05	8.91		37.54
	6	2017/6/20	14:10	60	17.3	7.27	153		0.58	5.12	10.90	0.04	10.52		43.00
	7	2017/7/19	13:50	67	20.0	7.17	144		0.67	4.71	9.75	0.02	10.63		39.38
	8	2017/8/16	13:30	66	20.2	7.18	148		0.77	4.98	10.52	0.05	10.36		41.41
	9	2017/9/20	13:50	56	19.7	7.25	152		0.72	5.20	11.18	0.04	10.31		43.10
	10	2017/10/18	9:40	90	15.7	7.23	132		0.63	4.25	8.50	0.04	10.30		33.95
	11	2017/11/21	14:10	73	11.9	7.15	133		0.55	4.68	9.13	0.05	10.94		38.04
	12	2017/12/20	12:20	65	9.4	7.18	147		0.53	4.92	9.53	0.04	10.47		40.43
2018	1	2018/1/18	9:35	68	10.4	7.19	148		0.54	4.93	10.12	0.08	11.08		39.97
	2	2018/2/21	13:55	56	8.0	7.26	155		0.54	5.27	10.86	0.07	10.37		43.47
	3	2018/3/23	10:00	72	11.0	7.21	139		0.57	4.65	9.13	0.05	10.76		36.09
	4	2018/4/18	13:50	75	13.3	7.26	143		0.57	4.83	9.90	0.05	11.19		37.19
	5	2018/5/16	13:50	120	15.9	7.07	116		0.43	3.43	6.05	0.05	11.69		24.03
	6	2018/6/19	13:55	69	17.0	7.20	144		0.75	4.85	9.85	0.04	10.72		40.02
	7	2018/7/18	14:00	72	20.0	7.06	144		0.64	4.83	9.39	0.07	11.00		39.06
	8	2018/8/22	14:15	63	21.5	7.14	145		0.62	4.99	10.21	0.03	10.78		40.94
	9	2018/9/19	14:05	90	18.8	7.15	133		0.60	4.25	7.83	0.04	11.35		31.58
	10	2018/10/17	14:05	77	16.8	7.08	143		0.56	4.74	8.93	0.00	11.39		37.21
	11	2018/11/20	9:45	61	13.9	7.22	149		0.56	5.14	10.55	0.05	10.93		42.54
	12	2018/12/20	13:35	58	11.3	7.21	153		0.58	5.14	10.67	0.06	10.76		42.77
2019	1	2019/1/16	13:50	56	9.7	7.32	153		0.53	5.13	10.85	0.22	10.70		43.75
	2	2019/2/21	13:50	54	10.4	7.36	161		0.63	5.26	11.46	0.14	10.80		44.31
	3	2019/3/20	13:40	54	11.0	7.39	160		0.57	5.20	11.32	0.08	10.70		43.93
	4	2019/4/17	14:00	55	12.0	7.40	158		0.60	5.32	11.62	0.05	10.82		43.78
	5	2019/5/22	15:20	155	15.0	7.06	102		0.50	2.87	5.24	0.10	12.69		17.07
	6	2019/6/19	13:50	120	16.6	7.20	117		0.42	3.34	6.27	0.02	11.88		23.53
	7	2019/7/17	14:10	130	17.3	7.08	118		0.50	3.37	6.14	0.09	11.62		23.17
	8	2019/8/21	14:10	75	20.8	7.15	143		0.70	4.41	8.79	0.03	11.02		35.83
	9	2019/9/19	14:20	88	18.7	7.12	133		0.52	4.06	7.49	0.04	11.31		31.16
	10	2019/10/16	13:45	125	16.7	7.16	116		0.58	3.36	6.27	0.04	12.11		23.03
	11	2019/11/19	10:00	80	15.3	7.28	141		0.58	4.42	8.82	0.08	11.55		34.96
	12	2019/12/17	10:20	70	12.6	7.19	143		0.53	4.67	9.49	0.08	11.17		38.49
2020	1	2020/1/22	14:05	60	10.3	7.27	156		0.52	4.89	10.23	0.05	10.80		42.07
	2	2020/2/18	14:25	73	9.6	7.23	146		0.54	4.48	9.38	0.07	11.51		37.02
	3	2020/3/18	14:05	75	11.6	7.15	132		0.49	4.16	8.63	0.05	11.26		33.04
	4	2020/4/22	13:55	100	13.5	7.21	125		0.50	3.65	7.13	0.06	12.08		26.66
	5	2020/5/20	13:50	84	16.2	7.19	135		0.51	4.13	8.53	0.07	11.17		32.49
	6	2020/6/17	14:10	99	17.7	7.26	122		0.54	3.58	7.25	0.06	12.04		25.13
	7	2020/7/22	13:50	135	17.7	7.01	110		0.47	3.22	5.56	0.06	12.51		20.94
	8	2020/8/19	13:55	72	21.7	7.13	139		0.58	4.39	8.55	0.06	11.26		36.02
	9	2020/9/16	13:30	69	20.5	7.20	143		0.65	4.64	9.40	0.03	10.35		37.37
	10	2020/10/21	13:55	71	15.7	7.16	136		0.58	4.43	8.83	0.02	10.39		34.94
	11	2020/11/18	13:50	60	15.3	7.19	150		0.61	4.94	10.20	0.04	10.21		40.51
	12	2020/12/16	13:50	56	9.2	7.29	153		0.55	4.94	10.30	0.05	10.15		41.04

JYUGEI_2GOSAWA

年	月	Sampling date	Sampling time	Water height (mm)	Water temp. (°C)	pH ^s	EC ^s (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)
2021	1	2021/1/20	13:35	53	8.0	7.20	157		0.55	5.12	11.49	0.05	10.40		43.10
	2	2021/2/17	13:50	60	8.8	7.20	146		0.54	4.83	10.61	0.02	10.76		39.93
	3	2021/3/17	13:40	54	12.2	7.22	157		0.60	5.06	11.51	0.08	10.63		42.17
	4	2021/4/21	14:05	106	14.5	7.25	93		0.51	3.35	6.91	0.13	11.54		23.43
	5	2021/5/18	13:50	77	17.2	7.26	110		0.60	4.46	9.49	0.03	11.32		34.30
	6	2021/6/17	14:00	85	17.2	7.23	106		0.59	4.26	8.39	0.19	11.26		32.67
	7	2021/7/21	13:55	80	19.7	7.14	107		0.55	4.28	8.40	0.05	11.04		33.62
	8	2021/8/18	13:25	125	18.9	7.31	86		0.57	3.21	6.31	0.06	10.93		20.00
	9	2021/9/21	13:55	84	18.9	7.27	104		0.56	4.03	7.65	0.00	10.84		32.22
	10	2021/10/20	10:20	67	15.7	7.35	117		0.67	4.69	9.38	0.00	10.53		39.74
	11	2021/11/17	10:45	61	13.8	7.37	121		0.69	4.89	9.71	0.02	10.45		42.28
	12	2021/12/22	10:20		10.5	7.37	119		0.48	4.82	10.61	0.06	10.70		41.41
2022	1	2022/1/19	15:00		7.5	6.37	125		0.59	5.16	11.62	0.02	10.99		44.74
	2	2022/2/16	14:40		7.7	6.19	128		0.56	5.18	11.87	0.07	10.76		44.65
	3	2022/3/17	14:10		12.2	7.52	129		0.55	5.13	12.20	0.00	10.60		45.02
	4	2022/4/20	14:45		14.2	6.97	119		0.63	4.75	11.14	0.05	10.81		39.51
	5	2022/5/18	11:20		15.1	7.03	89		0.40	3.30	6.40	0.10	11.66		24.30
	6	2022/6/22	15:30		15.9	7.05	65		0.45	2.17	3.94	0.03	10.83		10.94
	7	2022/7/20	14:30		18.8	6.97	86		0.43	3.24	6.61	0.05	11.15		20.97
	8	2022/8/17	14:10		19.2	7.24	83	9.04	0.47	3.10	5.58	0.10	11.55		21.05
	9	2022/9/21	14:40		19.9	6.81	111	10.26	0.62	4.51	8.92	0.06	10.94		37.16
	10	2022/10/19	14:40		16.1	6.86	114	10.40	0.56	4.73	9.59	0.05	11.10		39.09
	11	2022/11/16	14:40		14.2	6.61	119	10.59	0.60	5.02	10.56	0.02	11.00		42.91
	12	2022/12/21	14:20		9.3	6.71	123	10.56	0.55	5.16	10.89	0.00	11.19		44.81

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