白坂本谷の渓流水質
Annual report of streamwater quality data at Shirasaka hontani

SHIRASAKA (HONTANI)

年	月	Sampling date	Sampling time	Water height (mm)	Water temp. (℃)	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)
2011	1														
	2														
	3														
	4	2011/4/19	9:35	106	9.1	7.48	50	4.93	0.65	0.40	3.49		3.43	1.07	5.08
	5	2011/5/20	10:00	211	13.3	6.98	46	4.31		0.27	3.46		2.74	1.28	4.44
	6	2011/6/21	10:03	353	17.0	7.27	37	4.03		0.33	2.35		2.29	0.73	3.71
	7	2011/7/22	14:21	319	19.0	7.43	40	4.05		0.28	1.48		2.02	1.53	3.73
	8	2011/8/19	9:57	371	20.0	7.33	38	4.26		0.32	2.66		2.38	2.11	3.70
	9	2011/9/22	14:11	495	18.9	7.89	40	3.72		0.31	2.56		2.13	3.62	3.66
	10	2011/10/18	11:00	215	15.0	7.49	44	4.70	0.94	0.43	3.22		2.45	1.99	3.94
	11	2011/11/15	9:33	115	12.0	7.42	45	4.94	0.92	0.46	3.59		2.50	1.02	3.81
	12	2011/12/20	13:54	100	6.0	7.21	44	4.96	0.86	0.45	3.77		2.51	1.09	4.19
2012	1	2012/1/17	14:05	78	4.5	7.19	44	5.03	0.79	0.46	3.50		3.38	0.90	4.08
	2	2012/2/21	13:56	86	4.0	7.27	49	5.17	1.01	0.49	3.90		3.39	1.12	3.79
	3	2012/3/19	11:42	193	7.0	7.38	44	4.49	0.80	0.37	3.73		8.66	2.43	4.34
	4	2012/4/20	9:35	192	10.8		46	4.96	0.86	0.46	3.73		1.70	1.11	1.60
	5	2012/5/18	14:43	127	14.0		47	4.24	0.88	0.38	3.80		3.10	1.64	4.97
	6	2012/6/19	11:10	118	17.2		51	5.08	1.02	0.41	3.86		2.92	1.25	4.38
	7	2012/7/19	10:28	211	20.0		47	4.41	1.02	0.54	4.14		2.55	1.77	4.20
	8	2012/8/21	11:15	116	21.4		47	5.03	1.08	0.56	4.67		2.72	1.17	4.06
	9	2012/9/18	9:31	97	24.9		52	5.24	1.01	0.54	4.57		2.87	0.87	3.83
	10	2012/10/15	10:42	78	14.7	6.86	49	5.05	0.97	0.54	4.26		2.39	0.96	3.36
	11	2012/11/20	14:18	105	10.5	7.28	48	4.96	0.95	0.55	4.25		2.76	1.41	3.88
	12	2012/12/18	13:52	93	8.60	7.30	50	5.15	0.86	0.56	4.40		2.31		4.08
2013	1	2013/1/15	10:28	155	1.8	7.30	50	4.52	0.72	0.55	5.43		2.16		3.99
	2	2013/2/19	10:27	159	4.0	7.24	48	4.80	0.77	0.55	5.08		2.27		4.22
	3	2013/3/19	10:35	292	10.3	6.97	47	4.46	0.85	0.47	3.88		2.46		4.10
	4	2013/4/16	10:48	102	12.4	7.24	50	4.96	0.85	0.55	4.07		2.32		4.27
	5	2013/5/21	11:19	112	15.2	7.36	50	4.91	0.99	0.53	3.95		2.26		4.07
	6	2013/6/21	10:10	316	17.3	7.41	45	4.63	0.95	0.52	3.79		1.92		3.43
	7	2013/7/16	10:48	102	19.8	7.37	53	5.46	1.11	0.58	4.13		3.66		4.57
	8	2013/8/20	10:28	96	21.6	7.44	52	5.13	1.13	0.57	4.27		3.69		4.47
	9	2013/9/20	10:22	250	18.3	7.48	45	4.22	1.03	0.52	3.84		3.14		4.75
	10	2013/10/15	10:17	109		6.93	48	4.86	1.04	0.54	3.92		3.73		4.88
	11	2013/11/19	10:40	128	9.0	6.93	47	4.50	0.90	0.53	3.79		3.48		5.18
	12	2013/12/17	10:26	100		6.22	46	4.70	0.85	0.52	3.72		3.60		5.45
2014	1	2014/1/21	11:39	86	4.1	5.80	49	5.27	0.92	0.62	4.59		3.25	1.10	5.23
	2	2014/2/18	11:43	184	4.0	6.95	44	4.18	0.74	0.47	3.48		2.65	2.11	4.81
	3	2014/3/18	9:48	246	8.0	6.02	43	4.05	0.80	0.49	3.69		2.64	2.30	4.38
	4	2014/4/15	13:55	166	13.4	7.08	44	4.41	0.85	0.50	3.54		2.76	1.30	4.96
	5	2014/5/20	11:33	127	13.8	7.09	47	4.90	0.95	0.52	3.93		2.74	0.92	4.54
	6	2014/6/17	10:50	107	16.6	7.23	49	4.80	0.95	0.52	3.76		2.76	0.80	4.21
	7	2014/7/15	10:47	125	19.9	6.75	52	5.12	1.06	0.53	3.79		2.57	0.96	3.46
	8	2014/8/19	9:46	146	21.3	7.22	50	5.06	1.15	0.55	3.80		2.58	1.24	3.46
	9	2014/9/16	9:36	143	18.2	6.88	51	4.84	1.07	0.54	3.84		2.50	1.26	2.94
	10	2014/10/21	10:20	265	15.7	6.78	46	4.51	0.93	0.44	3.66		2.54	1.45	3.23
	11	2014/11/18	10:45	120	10.0	7.02	47	4.91	0.91	0.53	3.89		2.68	0.79	3.50
	12	2014/12/17	12:38	163	4.6	6.26	59	4.64	0.75	0.52	3.83		2.60	1.12	3.32
2015	1	2015/1/20	10:38	142	4.3	7.26	47	4.74	0.76	0.51	3.83		2.73	1.26	4.05
	2	2015/2/17	13:57	145	5.0	7.11	50	4.78	0.85	0.53	4.14		3.63	1.32	4.56
	3	2015/3/17	10:25	156	8.8	7.24	48	4.93	0.88	0.51	3.97		3.07	1.40	3.96
	4	2015/4/21	14:18	428	10.9	7.26	44	4.02	0.68	0.49	3.33		2.25	1.54	4.29
	5	2015/5/19	14:10	219	15.2	6.78	46	4.62	0.81	0.49	3.75		2.48	0.80	3.42
	6	2015/6/16	14:15	141	16.0	7.42	51	5.02	0.96	0.51	3.96		2.61	0.87	4.61
	7	2015/7/21	14:51	217	18.6	6.95	55	4.62	0.99	0.52	3.82		2.42	1.09	3.76
	8	2015/8/18	14:00	194	20.5	6.99	57	4.81	1.02	0.53	3.95		2.59	1.13	3.55
	9	2015/9/15	14:09	276	18.5	7.20	45	4.25	0.94	0.51	3.67		2.38	1.37	4.07
	10	2015/10/22	14:26	121	16.1	7.11	49	4.47	0.93	0.56	3.43		2.75	0.63	4.22
	11	2015/11/17	10:02	127	14.1	7.41	48	4.91	0.99	0.55	3.89		2.77	0.46	4.23
	12	2015/12/15	9:16	126	10.8	7.58	48	4.73	0.94	0.54	3.94		2.68	0.60	5.29
2016	1	2016/1/19	13:45	95	5.4	7.13	48	4.91	0.74		3.28		2.77	0.87	3.91
	2	2016/2/16	9:32	169	5.2	7.19	47	4.80	0.78	0.52	3.04		2.63	1.40	3.58
	3	2016/3/15	13:39	141	9.2	7.40	46	5.07	0.92		3.36		2.63	0.99	4.27
	4	2016/4/19	10:01	160	10.7	7.28	46	5.05	1.08	0.56	4.00		2.57	0.93	4.25
	5	2016/5/19	9:25	228	13.9	7.33	43	4.66	1.10	0.54	3.82		2.49	1.00	3.62
	6	2016/6/22	10:19	156	18.0	6.92	56	5.06	1.03	0.57	4.03		2.69	0.75	4.22
	7	2016/7/19	10:10	161	20.0	7.21	48	4.89	1.06	0.58	3.88		2.46	0.75	3.61
	8	2016/8/19	14:02	97	23.5	7.23	48	5.27	1.08	0.60	4.06		2.65	0.55	3.42
	9	2016/9/20	10:15	401	20.2	6.80	43	4.50	1.15	0.59	3.79		1.91	3.28	3.18
	10	2016/10/18	11:31	221	18.1	7.20	45	4.72	1.10	0.56	3.73		2.34	1.07	3.72
	11	2016/11/16	9:51	127	10.4	7.28	46	4.94	1.01	0.59	3.95		2.67	0.86	4.36
	12	2016/12/20	14:09	115	8.8	6.98	45	4.88	0.86	0.56	3.93		2.58	0.85	3.97

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

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年	月	Sampling date	Sampling time	Water height (mm)	Water temp. (℃)	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)
2017	1	2017/1/17	10:28	115	3.4	6.83	45	4.70	0.81	0.59	4.14		3.12	0.97	4.03
	2	2017/2/21	14:13	91	5.7	7.16	49	4.98	0.84	0.59	4.03		3.05	0.85	5.21
	3	2017/3/23	9:54	107	6.1	6.51	48	5.02	0.89	0.58	4.00		2.86	0.96	4.67
	4	2017/4/19	13:10	372	12.2	7.52	39	4.14	0.91	0.55	3.27		2.26	1.59	3.83
	5	2017/5/16	14:40	126	14.0	6.11	47	5.23	1.05	0.61	3.84		2.66	0.67	4.96
	6	2017/6/20	14:02	73	17.8	6.96	50	5.39	1.09	0.59	4.09		2.85	0.75	3.94
	7	2017/7/19	14:58	53	44.7	6.76	45	4.97	1.09	0.57	3.76		2.36	0.89	3.50
	8	2017/8/16	14:12	87	21.1	7.14	44	5.25	1.06	0.56	3.74		2.01	1.02	3.71
	9	2017/9/20	10:37	155	18.3	7.00	47	5.74	1.04	0.57	3.83		2.40	1.04	3.95
	10	2017/10/18	10:08	319	14.9	6.89	42	4.62	1.00	0.55	3.95		2.04	1.54	3.50
	11	2017/11/22	10:42	158	8.9	7.14	43	4.61	0.96	0.54	3.90		2.53	0.61	4.40
	12	2017/12/20	12:54	109	5.6	6.52	46	4.43	0.79	0.53	3.44		3.08	0.65	4.78
2018	1	2018/1/16	13:03	99	6.7	7.56	46	4.70	0.82	0.55	3.75		3.11	0.63	5.11
	2	2018/2/21	11:20	84	4.4	6.80	54	5.19	0.84	0.60	4.09		3.08	0.79	4.73
	3	2018/3/23	9:36	272	8.5	6.57	43	4.49	0.82	0.53	3.57		2.52	1.59	3.75
	4	2018/4/19	9:25	268	12.7	7.28	49	4.45	0.85	0.51	3.46		2.44	1.01	2.95
	5	2018/5/17	10:30	325	15.8	6.83	44	4.16	1.15	0.51	3.29		2.21	0.82	3.55
	6	2018/6/21	9:50	295	16.9	7.17	48	4.25	0.94	0.53	3.26		2.20	0.95	3.89
	7	2018/7/17	10:16	240	21.4	7.20	45	4.32	1.04	0.55	3.40		2.34	0.72	3.92
	8	2018/8/27	10:42	146	22.5	7.27	49	5.08	1.10	0.56	3.94		2.88	0.78	3.52
	9	2018/9/20	9:40	173	18.9	7.26	50	5.15	1.07	0.58	4.01		3.55	1.07	3.35
	10	2018/10/19	10:05	138	15.6	6.73	48	4.99	0.99	0.55	3.91		2.97	0.68	3.23
	11	2018/11/20	10:11	95	10.6	7.18	48	5.08	0.95	0.57	3.88		3.00	0.38	4.08
	12	2018/12/20	9:55	90	8.0	7.10	48	4.71	0.85	0.54	3.72		3.02	0.53	4.49
2019	1	2019/1/15	10:00	73	5.2	7.43	48	4.78	0.79	0.54	3.69		3.03	0.63	4.43
	2	2019/2/20	9:51	81	7.5	7.22	52	4.85	0.86	0.57	3.99		3.03	0.56	4.54
	3	2019/3/19	10:41	82	8.2	7.23	52	4.97	0.92	0.57	4.05		3.04	0.86	4.68
	4	2019/4/18	9:54	98	11.0	7.28	53	5.46	0.89	0.58	4.51		2.99	0.91	4.41
	5	2019/5/22	10:33	298	14.1	7.21	47	4.79	1.00	0.53	3.79		2.81	2.10	3.28
	6	2019/6/20	10:09	161	16.9	7.05	49	4.84	1.06	0.56	3.98		2.74	0.88	3.58
	7	2019/7/18	10:10	271	19.0	6.75	46	4.48	1.04	0.52	3.70		2.51	0.99	3.50
	8	2019/8/22	10:22	228	22.2	6.76	47	4.46	1.08	0.52	3.58		2.49	1.03	3.25
	9	2019/9/19	10:23	155	19.6	6.68	49	4.67	1.07	0.53	3.76		2.66	0.75	3.26
	10	2019/10/17	9:58	136	16.0	6.23	49	4.72	1.01	0.54	3.80		2.70	0.93	3.42
	11	2019/11/21	10:00	125	9.0	6.19	46	4.43	0.93	0.52	3.65		2.76	0.62	4.32
	12	2019/12/19	10:07	106	9.0	6.70	47	4.67	0.91	0.54	3.75		2.77	0.34	4.10
2020	1	2020/1/22	9:54	92	5.3	6.36	49	4.62	0.81	0.53	3.82		2.76	0.73	4.72
	2	2020/2/20	10:39	107	5.9	6.12	50	4.72	0.84	0.55	3.76		2.67	0.82	3.79
	3	2020/3/19	10:55	142	9.4	6.26	46	4.55	0.83	0.54	3.71		2.43	1.43	3.40
	4	2020/4/22	11:06	212	10.7	6.46	45	4.42	0.85	0.47	3.39		2.41	1.30	3.75
	5	2020/5/20	11:28	230	14.8	6.66	46	4.77	0.98	0.49	3.60		2.40	0.96	4.36
	6	2020/6/18	10:57	176	17.5	6.21	47	5.03	1.05	0.52	3.80		2.39	0.96	4.16
	7	2020/7/22	11:32	416	20.5	6.64	39	4.13	0.99	0.49	3.17		2.29	0.76	4.68
	8	2020/8/20	10:29	146	22.7	5.97	47	4.83	1.13	0.51	3.55		2.70	0.58	4.97
	9	2020/9/17	11:01	149	20.9	6.54	48	4.72	1.03	0.49	3.46		2.54	0.78	4.84
	10	2020/10/22	10:05	162	14.6	6.34	45	4.69	0.97	0.56	3.87		2.46	0.76	3.49
	11	2020/11/20	11:40	155	16.1	6.38	49	4.94	1.31	0.61	4.08		2.84	0.19	3.64
	12	2020/12/18	10:44	88	5.3	6.94	48	4.91	0.83	0.58	3.99		2.91	0.43	4.29
2021	1	2021/1/20	10:20	69	2.9	6.46	49	4.93	0.74	0.59	4.08		3.00	0.34	4.27
	2	2021/2/17	10:30	98	5.2	7.04	48	5.25	0.81	0.61	4.27		2.97	0.72	4.50
	3	2021/3/18	10:50	124	8.3	7.01	52	5.12	0.89	0.58	4.25		2.76	1.18	4.40
	4	2021/4/22	9:50	210	11.4	6.34	44	4.41	0.83	0.51	3.77		2.40	1.20	3.63
	5	2021/5/20	10:10	200	15.4	6.82	45	4.30	0.91	0.47	3.52		2.44	0.62	3.96
	6	2021/6/16	10:00	179	17.4	6.25	45	4.47	0.98	0.50	3.55		2.54	0.57	4.02
	7	2021/7/21	11:03	238	21.3	7.13	42	4.21	0.99	0.47	3.28		2.32	0.62	3.90
	8	2021/8/19	10:28	523	20.1	6.68	34	3.48	0.97	0.44	2.92		1.90	1.30	3.02
	9	2021/9/21	14:37	244	19.4	7.18	43	4.41	1.02	0.49	3.35		2.24	0.95	3.89
	10	2021/10/21	10:31	186	12.9	6.11	43	4.19	0.93	0.40	3.10		2.31	0.82	3.65
	11	2021/11/18	10:55	117	11.0	7.17	50	4.88	0.95	0.49	3.48		2.60	0.49	4.34
	12	2021/12/24	11:03	127	6.5	6.28	49	4.81	0.85	0.48	3.48		2.51	0.71	3.88
2022	1	2022/1/20	10:52	99	3.6	6.93	47	4.98	0.87	0.51	3.75		2.64	0.70	4.35
	2	2022/2/17	10:31	102	2.5	8.24	50	4.82	0.86	0.56	4.06		3.28	0.81	4.11
	3	2022/3/17	10:18	81	10.0	7.61	51	4.78	0.83	0.50	3.78		2.98	0.65	4.66
	4	2022/4/22	10:34	144	13.3	7.54	49	4.96	0.95	0.50	3.69		2.69	0.76	3.89
	5	2022/5/19	11:26	140	14.2	7.41	47	4.47	0.93	0.46	3.32		2.58	0.99	3.63
	6	2022/6/23	10:59	221	18.7	6.82	48	4.80	1.05	0.48	3.48		2.20	0.89	3.32
	7	2022/7/21	10:44	390	19.8	6.67	41	3.78	0.99	0.44	2.91		1.91	1.03	3.24
	8	2022/8/19	10:37	413	20.5	6.50	41	3.95	1.03	0.46	2.97		1.75	1.63	2.74
	9	2022/9/21	10:31	294	18.8	6.80	44	4.29	1.01	0.48	3.31		2.17	0.96	3.13
	10	2022/10/19	10:43	167	14.2	6.90	45	4.66	0.98	0.52	3.33		2.46	0.67	3.51
	11	2022/11/16	11:37	105	11.8	6.08	47	4.76	1.03	0.53	3.50		2.70	0.34	3.92
	12	2022/12/22	11:00	131	7.3	6.94	46	4.56	0.90	0.53	3.48		2.63	0.61	4.00

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

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Annual report of streamwater quality data at Shirasaka hontani

SHIRASAKA (HONTANI)

年	月	Sampling date	Sampling time	Water height (mm)	Water temp. (℃)	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)
2023	1	2023/1/19	10:55	90	4.8	6.82	48	4.87	0.83	0.54	3.70		2.77	0.61	4.01
	2	2023/2/22	11:05	78	3.3	6.26	51	4.92	0.87	0.56	3.80		3.28	0.58	4.22
	3	2023/3/22	11:05	61	11.0	6.47	52	5.32	0.92	0.58	4.01		3.01	0.59	4.32
	4	2023/4/20	11:02	141	13.8	7.26	49	4.66	0.94	0.51	3.73		2.94	0.93	3.42
	5	2023/5/17	10:20	215	14.3	6.60	44	4.02	0.87	0.44	3.18		2.53	0.94	3.40
	6	2023/6/23	10:30	252	16.5	6.97	43	3.98	0.94	0.44	2.89		2.34	0.61	3.42
	7	2023/7/20	9:23	193	20.6	7.29	47	4.90	1.10	0.48	3.44		2.29	0.59	3.21
	8	2023/8/18	11:00	164	22.4	6.72	48	5.46	1.18	0.52	3.77		2.41	1.04	2.98
	9	2023/9/20	9:38	116	21.9	7.07	50	5.53	1.18	0.53	3.81		2.79	0.66	2.93
	10	2023/10/19	10:15	136	15.1	6.42	48	5.40	1.06	0.60	3.92		2.23	0.79	3.11
	11	2023/11/22	10:58	129	10.8	6.36	47	5.33	1.00	0.61	3.89		2.41	0.75	3.69
	12	2023/12/20	10:23	105	7.0	6.28	48	4.89	0.93	0.53	3.50		2.48	0.57	3.67

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