

第2表 水質分析表

Chemical Analyses of Water

No.	Sampling Localities	Classification of water	Depth of well (m)	Tw (°C)	Screen (m)	pH	RpH	Character of water	Free CO <sub>2</sub> (ppm)	HCO <sub>3</sub> <sup>-</sup> (ppm)	Cl <sup>-</sup> (ppm)	NO <sub>2</sub> <sup>-</sup> (ppm)	SO <sub>4</sub> <sup>2+</sup> (ppm)	NH <sub>4</sub> <sup>+</sup> (ppm)	Na <sup>+</sup> (ppm)	K <sup>+</sup> (ppm)	Total Fe (ppm)	Fe <sup>2+</sup> (ppm)	Mn <sup>2+</sup> (ppm)	Ca <sup>2+</sup> (ppm)	Mg <sup>2+</sup> (ppm)	Hardness (d°)	SiO <sub>2</sub> (ppm)	P (ppm)	KMnO <sub>4</sub> cons. (ppm)	Remarks Column
1	Omono river, Kaminoyado Bridge	R				6.5	6.8	●	5.8	7.9	14.9	0.00	14	0.6	8.0	0.9	0.94	0.23	tr	5.8	1.8	1.22	16.8	0.00	4.24	
2	" , Omonogawa Br.	R				6.8	6.9	●	2.9	14.3	12.8	0.00	12	0.3	8.3	1.2	1.18	0.12	tr	6.0	1.5	1.99	15.2	0.00	4.24	
3	" , Ōmori Br. (Under flow)	U				5.9	6.2	○		22.9	12.8	0.00	14	0.2	9.4	0.9	0.36	0.20	—	8.8	2.4	1.70	23.0	0.03	0.77	
4	" , Takemi Br.	R				6.7	6.9	●		8.3	10.6	0.00	10	0.3	5.5	1.2	0.84	0.03	0.00	5.5	1.2	1.05	12.2	0.00	2.31	muddy water
5	Minase river, Iwasaki Br.	R				7.0	7.2	●		18.6	8.9	0.00	12	1.5	7.4	0.9	2.56	0.06	0.00	6.0	1.2	1.13	15.0	0.00	7.70	
6	Tama river, Ōitoku Br.	R				6.9	7.3	●	7.8	2.1	12.8	0.00	14	0.6	5.1	0.6	2.74	0.02	0.00	5.7	1.5	1.14	12.8	0.00	2.70	
7	Kakudate town, well of water service	F				5.5	6.7	○		17.9	12.8	0.00	7	0.8	5.0	1.6	3.60	0.00	0.00	7.8	2.4	1.64	12.4	0.00	1.93	
8	Nakasen town, Noda	F	6.0	15.6		5.3	6.6	○	39.8	14.7	12.8	0.00	13	0.2	6.5	0.9	0.14	0.03	0.00	6.9	2.6	1.57	16.2	0.00	1.93	
9	" , Kami-kurotsuchi	C	6.0~15.0			6.1	6.9	●		36.4	18.4	0.00	16	1.3	9.6	1.0	3.97	3.46	2.01	8.8	3.7	2.09	16.2	0.00	4.24	
10	" , Higashi-nagano	S		14.2		6.1	6.5	○		14.3	8.5	0.01	14	0.3	3.9	0.9	0.38	0.32	—	6.6	2.1	1.42	14.8	0.00	0.96	
11	Ōta village, Kami-zeki	F		12.8		5.3	6.7	○		13.6	11.6	0.00	20	0.2	6.3	0.7	0.54	0.14	0.00	9.6	2.5	1.93	13.2	0.00	0.39	
12	" , Kami-osono	F	12.0	12.0		6.0	6.9	○		21.5	8.5	0.00	23	0.6	6.9	0.3	0.38	0.04	0.00	10.7	2.7	2.11	12.2	0.00	1.35	
13	" , Iijima	S		14.2		6.0	6.3	○		20.8	7.8	0.03	17	0.1	3.9	0.9	0.26	0.22	—	9.0	2.9	1.94	13.6	0.00	0.77	
14	" "	f	8.5	11.7		6.3	6.6	○		32.9	10.4	0.00	12	0.2	5.0	0.9	0.46	0.44	—	8.4	3.9	0.07	21.6	0.07	0.96	
15	" , Furu-yashiki	f	20.0	12.0		6.8	7.1	○		61.6	8.8	0.05	14	0.0	5.5	0.5	0.30	0.28	—	16.3	4.5	3.34	21.0	0.00	1.92	
16	" , Naka-tateishi	f	10.0			6.9	7.0	○		30.8	9.9	0.06	13	0.3	9.2	1.5	0.28	0.08	—	10.7	2.5	2.08	18.6	0.06	0.59	
17	Senhata v., Amaike	F	8.0			6.3	6.9	○		27.3	9.9	0.00	14	1.0	7.5	0.2	0.22	0.02	0.00	9.8	2.4	1.93	12.2	0.00	0.77	
18	" , Kuriya-gawa	f	20.0	12.5		6.9	7.3	○		62.0	11.6	0.00	8	0.5	10.0	0.4	0.20	0.00	0.00	13.0	4.6	2.88	20.4	0.00	0.39	
19	Senboku v., Dango-machi	f	17.0	13.3		6.9	7.2	●		48.7	11.3	0.00	6	0.7	9.5	0.3	0.36	0.10	0.00	8.4	4.1	2.13	21.6	0.00	2.12	
20	" , Nakamura	f	13.7	13.0		6.9	7.2	●		49.0	8.8	0.00	1	2.7	9.1	0.3	2.54	2.54	—	5.4	2.9	1.42	30.8	0.43	2.31	
21	" , Kaminoda	C	32.0	13.2		6.9	7.3	●	21.3	52.4	11.3	0.00	1	1.0	9.9	0.9	3.12	3.08	tr	7.2	3.0	1.71	35.0	0.09	3.47	
22	" , Ōshima	C	33.0	13.5		7.3	7.5	●	8.7	57.3	12.1	0.00	1	0.6	9.1	0.6	1.54	1.50	tr	7.2	3.3	1.75	34.4	0.00	3.27	
23	" , Itaminai	C	30.0	12.4		6.7	7.3	●		84.5	14.9	0.00	10	0.1	10.3	0.9	0.60	0.40	0.00	17.2	6.2	3.84	22.6	0.00	0.77	
24	Ōmagari city, Hokuetsu Hume Pipe Co.	F	10.0	12.5		5.3	6.7	○	57.3	20.8	15.6	0.00	14	0.2	8.5	0.6	0.32	0.03	0.00	9.1	2.9	1.95	22.4	0.00	1.54	
25	" , Tōhoku Cement Co.	F	5.0	13.7		5.4	6.9	○	33.0	21.5	16.7	0.00	28	0.2	9.9	1.6	0.30	0.03	0.00	13.7	3.1	2.63	17.4	0.00	1.16	
26	" , Yuki-jirushi Nyūgyō Co.	C	15.0	13.2		5.3	7.3	○	58.2	67.5	14.9	0.00	13	0.0	12.8	0.8	0.22	0.03	tr	13.5	5.5	3.15	26.6	0.03	1.35	
27	" , Ōmagari-onsen	C	30.0	14.2		7.7	7.7	△	11.6	151.8	69.5	0.00	35	1.2	85.2	1.8	0.30	0.07	0.00	7.3	1.9	1.45	38.8	0.62	5.39	
28	" , Midoriya-ryokan	C	282.0	15.5	250~200	7.8	8.1	△	2,548.4	1,304.6		tr	9	7.8	1,612.5	22.5	1.36	0.13	0.00	11.2	3.2	2.32	41.6	0.19	—	
29	" , Shima-mura	C	10.5	12.5		6.5	6.9	●		185.4	19.1	0.00	0	10.6	7.5	1.6	6.00	58.08	1.63	11.0	5.4	2.79	37.6	0.00	50.54	
30	" , Ioka Tsuru-noyu	F	3.0	7.0		7.3	7.5	△		198.3	24.1	0.48	32	1.1	83.3	5.3	0.76	0.50	—	7.7	2.7	1.70	28.6	0.25	7.10	
31	" , Takahata	C	36.0	14.5		7.1	7.3	●		104.8	10.6	0.00	1	6.0	14.4	1.7	12.87	11.80	0.31	9.6	3.7	2.21	51.4	0.05	15.02	
32	" , Kakumagawa	F	7.1	14.6		6.1	6.9	●	70.8	60.1	21.3	0.00	8	0.8	18.4	4.1	0.28	0.03	0.00	10.9	3.7	2.38	19.4	0.06	6.93	
33	Rokugō town, Motodate	f	15.2	13.1		7.1	7.4	●	11.6	73.0	10.6	0.00	1	1.3	9.5	0.8	1.40	1.10	0.15	10.3	4.5	2.49	33.4	0.03	2.70	
34	" , Yarita	f	16.3	12.1		6.7	7.0	●		48.7	10.6	0.02	9	0.5	9.8	0.9	0.58	0.06	—	12.4	3.0	2.42	29.4	0.07	0.77	
35	" , Rokugō	S	0.9	11.5		5.3	6.7	○	56.3	28.6	13.5	0.00	14	0.0	9.8	1.6	0.10	0.06	0.00	10.1	2.9	2.08	20.4	0.00	1.16	
36	" , Higashine school	F	5.5	11.5		6.2	6.7	○	25.2	25.8	10.6	0.00	14	0.0	7.7	0.7	0.36	0.08	0.00	8.1	2.3	1.65	18.6	0.00	1.93	
37	Sennan village, Tenjindo	F	3.5	15.2		5.5	6.3	○	61.1	27.2	21.3	0.00	13	1.2	10.3	0.7	0.46	0.01	0.00	8.7	2.6	1.80	22.4	0.00	2.70	
38	" , Tsuruta	C	15.0	15.2		6.7	7.1	●		303.5	10.6	0.00	2	13.4	21.0	1.6	58.80	58.08	1.32	24.9	7.8	5.27	41.0	0.01	47.75	
39	Yokote city, Kanazawa	C	30.0	14.0		6.3	7.0	○	51.4	65.1	10.6	0.00	19	0.5	13.4	3.4	2.36	0.53	0.46	13.7	5.3	3.13	50.6	0.05	2.50	
40	" , Tsukabori	C	12.0	13.2		7.3	7.5	●		78.3	13.5	0.00	18	2.2	9.8	0.9	9.23	7.73	tr	14.8	6.1	3.48	33.8	0.01	6.74	
41	" , Sanbon-yanagi	F	6.0			6.1	7.1	○	114.5	91.6	12.1	0.00	21	1.7	31.9	6.6	0.46	0.34	3.33	21.8	11.5	5.69	19.8	0.00	3.85	
42	" , well of city water service	C	55.0	13.2		7.4	7.7	△	7.8	129.6	14.2	0.00	34	2.4	71.9	1.6	1.92	0.21	0.00	1.2	0.2	0.22	36.4	0.21	2.70	
43	" , Azakura-shuzō Co.	C	5.6	10.7		6.7	7.1	○		114.5	13.5	0.00	25	5.0	25.3	4.1	26.82	26.81	2.63	13.8	4.2	2.89	20.2	0.00	21.57	
44	" , Shinto-Yanagida	S		11.7		5.3	6.7	○	95.1	24.3	17.0	0.00	18	1.2	10.1	6.3	0.94	0.72	0.00	8.7	2.2	2.23	16.8	0.00	3.47	
45	Daiyū village, Konda-yachi	F	9.0			6.5	6.9	●		95.9	17.7	0.00	2	5.4	9.8	0.8	22.40	22.34	0.23	7.5	4.0	1.95	42.2	0.01	20.99	
46	" , Age	U	6.7	14.8		5.5	6.7	○	62.1	27.2	62.4	0.02	28	2.2	10.8	7.7	0.20	0.03	0.00	10.9	4.0	2.44	23.0	0.01	2.12	
47	" , Yotsuya	f	18.0	13.2		6.9	7.5	●	26.2	74.4	14.9	0.00	1	2.1	10.6	0.9	4.23	3.50	0.00	8.5	3.3	1.96	40.6	0.06	4.04	
48	Mori town, matsuda	F	6.0	9.5		5.9	6.2	○		20.8	32.6	0.00	18	0.2	14.1	6.4	0.40	0.30	—	10.5	3.2	2.19	25.4	0.05	2.49	
49	" , well of Ōmori-sō	C	48.0	23.0		7.5	7.5	△		27.2	22.0	0.00	119	0.9	245.2	4.9	0.40	0.24	—	269.6	1.8	38.15	18.0	0.00	14.96	
50	Hiraka town, Nakano	f	16.5	13.2		6.7	7.3	●	29.1	65.1	16.3	0.02	13	2.0	10.6	1.2	2.29	2.00	0.00	10.6	3.2	2.23	36.2	0.00	1.54	
51	" , Haba	S				5.4	6.7	○	53.4	21.5	21.3	0.02	25	0.4	10.0	1.2	0.36	0.03	0.00	11.3	2.7	2.21	17.6	0.00	4.62	
52	" , Naka-shimizu	S				6.3	6.6	○		22.9	9.9	0.00	22	0.3	5.0	1.1	0.92	0.80	—	10.2	2.7	2.05	14.4	0.00	1.92	
53	" , Ō-michi	f	15.0	13.2		6.6	7.3	●	32.0	57.3	23.1	0.00	20	2.0	10.1	0.9	5.65	5.10	0.08	10.2	3.5	2.24	30.8	0.00	2.89	
54	Jūmonji town, Kinoshita	C	11.6	15.0		5.3	6.7	○	55.3	37.2	765.9	0.04	23	0.6	14.1	9.0	0.41	0.32	0.08	12.8	4.0	2.70	22.8	0.00	3.85	
55	" , Bara-jima	C	25.7	13.5		7.1	7.2	●		67.3	10.6	0.00	9	1.3	6.9	1.1	4.18	4.00	—	14.2	4.1	2.93				