

付表 - 1. 新田の日降水量と袋山沢 A の日流出量

FUKUROYAMASAWA A 2014

unit: mm/day

n/a : data not available

annual precipitation at Shinta: 2154.0

annual runoff: n/a

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	0.5	0.0	0.0	1.4	0.5	10.2	6.8	0.3	n/a	0.3	n/a	0.0	30.3	1.4	1.7	0.0	24.5	1.3	24.5	1.3	24.5	1.3	24.5	6.3
2	0.0	0.0	0.0	21.4	3.4	0.5	0.3	0.4	n/a	0.4	n/a	0.0	1.0	1.0	1.4	0.0	1.5	1.0	1.4	0.0	1.5	1.0	1.4	1.9
3	0.0	0.0	0.0	0.5	3.3	52.9	13.1	0.2	3.3	0.4	n/a	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.4	0.4
4	0.0	0.0	0.0	1.0	1.3	29.1	29.7	0.2	23.0	0.2	n/a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.8
5	0.0	0.0	0.0	60.2	28.6	0.5	3.2	4.6	0.2	11.8	0.4	2.2	11.8	0.4	2.2	n/a	0.0	0.5	0.0	99.4	15.4	0.1	0.6	0.5
6	0.0	0.0	0.0	0.5	10.3	17.1	2.3	0.3	158.3	n/a	n/a	0.0	158.3	n/a	n/a	n/a	0.0	0.0	0.0	68.2	43.2	3.1	0.2	0.3
7	0.0	0.0	0.0	2.3	0.0	1.1	0.1	0.1	67.6	0.1	67.6	0.1	67.6	10.4	10.4	n/a	0.0	15.5	0.2	0.0	0.2	0.2	0.0	0.3
8	56.1	2.8	0.0	1.2	0.7	0.7	0.1	0.1	2.1	2.1	n/a	0.1	2.1	n/a	n/a	n/a	0.0	13.9	0.4	0.1	1.2	0.1	0.1	0.1
9	14.8	12.7	20.9	0.7	0.8	0.5	0.1	1.6	0.1	1.6	n/a	0.5	1.6	0.5	6.2	6.2	0.0	1.6	0.7	0.1	7.4	0.1	0.0	0.0
10	0.5	0.6	0.7	0.5	0.5	0.4	0.4	0.0	1.6	0.0	1.6	0.0	1.6	13.1	0.2	31.6	0.7	0.1	0.1	0.0	0.1	0.1	0.5	0.0
11	0.2	3.1	0.5	0.2	0.2	0.2	0.2	0.0	55.3	n/a	13.7	0.5	55.3	13.7	3.6	3.6	0.4	28.9	4.5	0.1	0.1	0.1	51.4	10.0
12	0.1	1.0	0.6	0.2	0.2	0.2	0.2	0.0	17.2	0.5	n/a	0.5	17.2	n/a	0.4	20.2	1.3	0.3	0.0	0.1	0.1	0.1	2.2	0.7
13	0.0	0.6	0.6	9.3	0.2	21.0	0.7	0.2	0.5	n/a	1.3	0.5	n/a	1.3	0.2	1.6	0.5	1.6	0.1	34.8	2.5	0.1	0.1	0.3
14	0.0	0.5	0.7	5.6	1.8	0.1	0.2	0.2	n/a	n/a	n/a	0.1	n/a	0.1	0.1	0.1	0.1	12.0	12.0	21.4	0.0	0.0	0.0	0.3
15	2.1	0.0	95.9	86.6	1.2	0.1	8.3	0.7	0.1	8.3	0.7	0.1	8.3	0.7	0.1	0.1	0.0	14.6	0.2	8.1	0.8	0.0	0.2	0.2
16	0.0	3.6	8.6	0.7	0.1	0.1	0.4	0.4	0.4	0.4	n/a	0.4	0.4	n/a	0.0	0.0	0.0	0.0	2.0	2.0	0.4	0.0	63.0	23.9
17	0.0	0.0	5.3	0.5	0.1	0.1	0.1	0.1	0.1	0.1	n/a	0.1	0.1	n/a	0.0	0.0	0.0	0.0	0.4	0.4	0.5	0.0	7.4	0.0
18	0.0	0.0	3.7	0.5	8.1	0.1	0.1	0.1	6.2	0.6	6.2	0.6	6.2	4.8	4.8	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.5	0.0
19	0.5	0.0	1.9	0.4	0.5	0.0	0.0	0.0	0.6	0.6	n/a	0.6	0.6	n/a	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.6	0.6
20	0.0	1.3	41.3	10.4	0.1	0.1	0.0	0.0	n/a	n/a	n/a	0.0	n/a	0.0	0.0	0.0	3.5	0.0	0.4	19.7	0.1	56.3	20.7	
21	0.0	0.0	1.3	0.5	3.3	17.8	0.2	6.2	52.7	6.2	6.2	6.2	6.2	0.0	0.0	0.0	0.0	0.0	2.0	0.3	0.2	0.0	11.5	11.5
22	0.0	0.0	1.1	1.0	5.4	0.5	22.4	3.8	1.7	1.7	n/a	1.7	1.7	n/a	0.0	0.0	0.0	0.0	46.4	8.7	0.0	0.0	2.2	2.2
23	0.0	0.0	1.0	0.5	2.2	0.2	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	9.6	9.6	0.0	0.0	14.7	5.7	0.0	0.0	0.9	0.9
24	0.0	0.0	1.7	0.4	6.4	0.1	0.5	0.5	7.9	7.9	n/a	7.9	7.9	n/a	0.0	0.0	0.0	0.0	2.1	2.1	0.0	0.0	0.6	0.6
25	0.0	0.0	1.6	0.3	0.3	0.1	0.4	0.4	4.0	4.0	n/a	4.0	4.0	n/a	0.0	0.0	14.4	0.0	0.7	9.9	0.0	0.0	0.4	0.4
26	7.4	0.0	1.4	2.7	0.2	0.0	6.9	0.2	0.0	0.0	n/a	0.0	0.0	0.0	1.1	1.1	1.7	0.0	12.7	0.7	38.1	4.9	0.2	0.2
27	0.0	6.6	1.7	4.3	0.2	0.0	54.9	28.9	1.1	1.1	n/a	1.1	1.1	n/a	0.0	9.0	0.0	0.0	0.5	1.4	4.7	3.6	0.1	0.1
28	0.0	5.6	3.2	0.1	0.1	0.0	2.3	7.4	7.4	7.4	n/a	7.4	7.4	n/a	0.0	6.9	0.0	0.0	0.4	0.5	0.0	0.5	0.1	0.1
29	0.0	0.0	0.0	0.1	1.1	0.1	1.0	5.1	5.1	5.1	n/a	5.1	5.1	n/a	0.0	3.2	0.0	0.0	0.2	18.8	2.3	14.5	0.8	0.8
30	19.1	0.4	0.0	41.7	6.0	52.4	5.3	0.6	0.6	0.6	n/a	0.6	0.6	n/a	0.0	17.6	0.6	0.0	0.1	1.6	1.2	0.5	0.3	0.3
31	0.2	0.2	146.0	124.2	221.0	96.1	189.8	59.5	181.0	57.4	350.0	57.4	350.0	72.3	72.3	n/a	107.0	3.6	313.3	97.5	130.0	17.3	216.1	95.1
total	101.0	17.0	146.0	124.2	221.0	96.1	189.8	59.5	181.0	57.4	350.0	57.4	350.0	72.3	72.3	n/a	107.0	3.6	313.3	97.5	130.0	17.3	216.1	95.1

付表 - 2. 新田の日降水量と袋山沢 B の日流出量

FUKUROYAMASAWA B 2014

unit: mm/day

n/a : data not available

annual precipitation at Shinta: 2154.0

annual runoff: n/a

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	0.5	0.2	0.3	3.7	1.4	10.2	11.0	2.4	0.5	0.3	0.3	0.5	0.3	0.3	0.0	30.3	1.1	1.7	0.0	24.5	1.3	24.5	1.3	24.5
2		0.2	0.2	21.4	5.3	0.5	0.9	2.4	0.5	0.2	0.2	0.5	0.2	0.2	0.0	0.0	1.7	1.4	0.0	2.2	0.0	2.2	0.0	2.2
3		0.2	0.2	0.5	6.2	52.9	14.3	1.2	0.4	0.3	0.3	0.4	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.9	0.6	0.9	0.6	0.9
4		0.2	3.1	0.2	1.0	2.4	29.1	29.0	0.8	0.0	0.0	0.0	0.3	23.0	2.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.6	3.8
5		0.2	3.1	0.3	60.2	27.7	0.5	3.5	4.6	0.7	11.8	0.4	2.2	0.7	0.0	0.0	0.5	0.1	99.4	19.5	0.4	0.6	0.6	0.6
6		0.1	0.2	0.5	11.0	17.1	2.7	1.0	158.3	59.4	0.0	0.0	0.4	0.4	0.0	0.0	0.0	68.2	46.4	3.1	0.4	0.5	0.5	0.5
7		0.1	0.2	0.2	2.7	1.7	1.7	1.0	67.6	81.0	10.4	0.7	1.0	0.7	0.0	15.5	0.3	2.8	0.0	0.3	0.3	0.4	0.4	0.4
8	56.1	4.2	0.3	1.5	1.2	0.9	0.9	0.9	2.1	10.9	0.6	0.6	0.6	0.6	0.0	13.9	0.3	1.0	1.2	0.3	0.3	0.3	0.3	0.3
9	14.8	20.9	1.0	1.0	0.9	1.0	0.7	1.6	3.9	0.5	0.4	6.2	0.0	1.6	0.9	1.6	0.9	0.6	7.4	0.3	0.3	0.3	0.3	0.3
10	0.5	2.0	2.6	1.0	0.8	0.7	1.0	1.6	2.3	13.1	0.5	31.6	0.4	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.5	0.2	0.2	0.2
11	1.1	3.1	0.8	0.6	0.5	0.5	0.5	0.2	55.3	16.8	13.7	4.1	0.5	28.9	4.9	0.3	0.2	0.2	0.2	0.2	0.2	51.4	12.3	12.3
12	0.8	1.0	0.9	0.5	0.5	0.2	17.2	25.7	1.0	20.2	0.7	0.8	0.8	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	3.9	3.9
13	0.6	0.6	1.9	46.9	8.8	0.4	21.0	0.8	0.5	4.7	1.3	n/a	1.6	0.8	1.6	0.3	34.8	2.0	0.2	0.2	0.2	0.2	1.4	1.4
14	0.4	0.5	2.4	7.0	1.8	0.4	0.4	0.4	2.2	2.2	n/a	n/a	n/a	0.2	21.4	13.4	0.1	0.1	0.1	0.1	0.1	0.1	0.9	0.9
15	2.1	0.4	95.9	77.9	1.8	0.4	8.3	0.5	1.4	n/a	n/a	n/a	n/a	0.1	14.6	0.3	8.1	1.6	0.1	0.1	0.1	63.0	23.5	23.5
16	0.3	3.6	8.4	1.1	0.3	0.3	0.4	0.4	1.1	1.1	n/a	n/a	n/a	0.0	0.3	0.3	2.0	1.0	0.1	0.1	0.1	63.0	23.5	23.5
17	0.3	0.3	4.8	0.8	0.3	0.3	0.3	0.3	0.8	0.8	n/a	n/a	n/a	0.0	0.2	0.2	0.6	0.5	0.1	0.1	0.1	9.2	9.2	9.2
18	0.3	0.3	3.2	0.7	8.1	0.3	0.3	0.2	6.2	0.8	0.2	6.2	0.8	0.0	0.1	0.1	0.4	0.1	0.4	0.1	0.1	1.8	1.8	1.8
19	0.5	0.3	1.9	0.5	0.5	0.3	0.3	0.2	0.6	0.7	4.8	n/a	n/a	0.0	0.1	0.1	0.3	0.3	0.3	0.1	0.1	1.0	1.0	1.0
20	0.4	1.5	41.3	11.0	0.3	0.3	0.2	0.2	0.5	n/a	n/a	n/a	0.0	3.5	0.1	0.2	19.7	0.2	19.7	0.2	56.3	18.0	18.0	18.0
21	0.4	1.5	0.5	4.8	17.8	0.4	52.7	8.7	0.5	0.5	n/a	n/a	n/a	0.0	0.1	0.1	2.0	0.2	0.2	0.2	0.2	12.5	12.5	12.5
22	0.3	1.3	1.3	1.7	5.4	1.0	22.4	6.3	1.7	0.5	n/a	n/a	n/a	0.0	0.0	46.4	9.7	0.0	0.0	0.2	0.2	2.2	2.2	2.2
23	0.2	1.2	1.2	1.1	2.2	0.5	4.0	4.0	0.4	0.4	n/a	n/a	n/a	9.6	0.0	0.0	14.7	8.8	0.1	0.1	0.1	1.3	1.3	1.3
24	0.2	1.8	1.8	0.8	6.4	0.5	1.6	1.6	7.9	0.5	n/a	n/a	n/a	0.0	0.0	3.8	0.0	0.0	0.1	0.1	0.1	0.9	0.9	0.9
25	0.2	2.3	0.6	2.3	0.5	0.3	1.0	4.0	0.4	0.4	n/a	n/a	n/a	0.0	14.4	0.2	1.3	9.9	0.1	0.1	0.6	0.6	0.6	0.6
26	7.4	0.2	2.1	2.7	0.5	0.3	6.9	0.7	0.4	0.1	1.1	0.0	1.7	0.1	12.7	0.8	38.1	6.3	0.8	6.3	0.5	0.5	0.5	0.5
27	0.2	6.6	3.7	4.3	0.5	0.3	54.9	30.7	1.1	0.9	0.1	9.0	0.0	0.0	0.0	0.5	1.7	4.7	6.4	6.4	0.4	0.4	0.4	0.4
28	0.3	5.6	10.1	0.4	0.4	0.4	3.6	7.4	1.5	0.5	0.0	6.9	0.0	0.0	0.0	0.8	0.5	1.6	1.6	1.6	0.4	0.4	0.4	0.4
29	0.1	0.1	0.1	0.3	1.1	0.3	1.6	5.1	0.4	0.4	0.0	3.2	0.0	0.0	0.0	0.5	18.8	3.4	14.5	14.5	0.9	0.9	0.9	0.9
30	19.1	0.7	0.7	41.7	6.9	52.4	6.6	1.0	0.4	0.4	0.0	17.6	0.5	0.0	0.4	1.6	2.7	0.5	0.4	1.6	2.7	0.5	0.5	0.5
31	0.6	0.6	3.6	0.8	0.8	0.8	0.8	0.8	0.8	220.3	72.3	n/a	107.0	3.3	126.5	12.7	373.3	119.0	130.0	29.7	216.1	109.7	109.7	109.7
total	101.0	33.8	146.0	131.6	221.0	116.3	189.8	70.8	181.0	83.5	350.0	220.3	72.3	n/a	107.0	3.3	126.5	12.7	373.3	119.0	130.0	29.7	216.1	109.7

付表-3. 新田の日降水量と袋山沢Cの日流出量

FUKUROYAMASAWA C 2014

unit: mm/day

annual precipitation at Shinta: 2154.0

annual runoff:

1093.6

day	January		February		March		April		May		June		July		August		September		October		November		December		
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	
1	0.5	0.1	0.1	2.8	1.0	70.2	9.1	0.3	0.1	0.0	30.3	0.9	1.7	0.0	24.5	1.2	24.5	1.2	24.5	1.2	24.5	1.2	24.5	1.2	24.5
2		0.1	0.1	4.6	0.5	0.6	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3		0.1	0.1	21.4	5.2	52.9	14.2	0.1	3.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4		0.1	0.1	0.5	2.1	29.7	30.6	0.4	0.1	23.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5		0.1	0.4	60.2	31.0	0.5	3.6	4.6	0.3	11.8	0.2	2.2	0.3	0.0	0.5	0.0	0.5	0.0	99.4	17.1	0.2	0.2	0.2	0.6	0.4
6		0.1	0.4	0.5	11.5	17.1	2.7	0.2	158.3	84.8	0.1	0.0	0.1	0.0	0.0	0.0	68.2	56.9	3.1	0.2	0.2	0.2	0.2	0.3	0.3
7		0.1	0.4	2.7	0.4	1.5	0.0	0.2	67.6	205.1	0.3	0.2	10.4	0.3	0.0	1.6	0.0	15.5	0.1	1.6	0.0	0.0	0.0	0.2	0.2
8	56.1	3.5	0.6	1.5	1.0	0.0	0.2	2.1	13.8	0.2	0.0	0.2	0.2	0.0	13.9	0.1	0.0	13.9	0.1	0.4	1.2	0.1	0.0	0.2	0.2
9	14.8	15.9	20.9	1.7	1.0	0.7	1.1	1.6	0.1	0.1	6.2	0.0	1.6	0.4	0.0	1.6	0.4	0.0	1.6	0.4	0.2	7.4	0.1	0.0	0.2
10	0.5	1.3	2.6	1.6	0.6	0.6	0.6	1.1	1.6	1.9	13.1	0.1	31.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1
11		0.6	3.1	1.4	0.4	0.4	0.4	0.4	0.1	55.3	23.3	13.7	3.5	0.1	28.9	4.0	0.1	28.9	4.0	0.1	0.1	0.1	0.1	0.1	0.1
12		0.5	1.0	1.7	0.4	0.3	0.3	0.1	17.2	35.0	0.6	0.2	1.6	0.2	0.6	0.3	0.3	0.6	0.3	0.1	0.1	0.1	0.1	3.5	3.5
13		0.3	0.2	9.4	6.8	1.8	0.2	0.2	0.6	0.5	4.8	1.3	0.2	1.6	0.2	1.6	0.2	1.6	0.2	0.1	34.8	2.4	0.1	1.1	1.1
14		0.2	0.5	1.2	1.7	0.2	8.3	0.3	0.3	0.1	1.9	0.1	0.1	0.1	0.0	0.0	0.0	0.0	21.4	14.9	0.1	0.1	0.1	0.7	0.7
15	2.1	0.2	95.9	97.6	1.7	0.2	0.2	0.2	0.2	0.2	0.7	0.1	0.1	0.1	0.0	14.6	0.1	0.0	8.1	1.2	0.1	1.2	0.1	0.5	0.5
16		0.2	3.6	8.9	1.0	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.6	0.0	0.6	0.0	63.0	30.8
17		0.1	5.2	0.7	0.2	0.2	0.2	0.1	0.5	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	9.7	9.7
18		0.1	3.6	0.6	8.1	0.2	0.1	0.1	0.6	0.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	1.9	1.9
19	0.5	0.1	2.1	0.4	0.5	0.1	0.1	0.1	0.1	0.1	0.6	0.3	4.8	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	1.0	1.0
20		0.1	1.4	41.3	11.2	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.2	19.7	0.3	56.3	26.0	26.0
21		0.1	1.4	0.5	4.4	17.8	0.2	52.7	6.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.1	0.0	0.9	15.0	15.0	
22		0.1	1.3	1.4	5.4	0.7	22.4	4.7	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.4	10.3	0.6	0.6	2.6	2.6	
23		0.1	1.1	0.9	2.2	0.3	2.6	2.6	0.1	0.1	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	14.7	8.3	0.3	0.3	1.2	1.2	
24		0.1	1.9	0.7	6.4	0.3	0.3	0.9	7.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.1	0.2	0.2	0.9	0.9	
25		0.1	2.2	0.5	0.2	0.2	0.5	0.5	4.0	0.1	0.0	0.0	0.0	0.0	14.4	0.0	0.0	14.4	1.0	9.9	0.2	0.2	0.6	0.6	
26	7.4	0.1	2.0	2.7	0.4	0.2	6.9	0.3	0.1	0.1	0.0	1.1	0.0	0.0	1.7	0.0	1.7	0.0	12.7	0.6	38.1	6.6	0.4	0.4	
27		0.0	6.6	2.9	4.3	0.4	0.1	54.9	30.1	1.1	0.1	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.5	1.5	4.7	6.1	0.3	0.3	
28		0.0	5.6	7.0	0.3	0.3	0.1	2.6	7.4	0.1	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	0.5	0.3	0.3	
29		0.0	0.0	0.2	1.1	0.1	1.0	1.0	5.1	0.1	0.0	5.1	0.0	0.0	3.2	0.0	0.0	3.2	0.3	18.8	3.4	14.5	0.9	0.9	
30	19.1	0.6	6.4	52.4	5.8	0.6	0.6	0.6	0.1	0.1	0.0	17.6	0.2	0.0	0.0	0.0	0.0	0.0	0.2	1.6	2.5	2.5	0.5	0.5	
31		0.4	3.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
total	101.0	25.4	146.0	150.2	221.0	114.2	189.8	66.7	181.0	65.3	350.0	379.8	72.3	7.2	107.0	1.2	126.5	7.1	313.3	122.7	130.0	27.8	216.1	126.0	126.0

付表 - 4. 東郷ダムの日降水量と丸山沢の日流出量

MARUYAMAZAWA 2014 unit: mm/day

n/a : data not available

annual precipitation at Togo Dam: 881.5 annual runoff: n/a

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	7.0	3.5	7.0	2.9		2.7	2.7	5.2	n/a	n/a	1.5	0.7	0.9	1.8	0.9	0.7	0.8	1.7	1.8	0.9	2.5	1.9	17.0	1.9
2	2.0	3.5	2.9	2.7	2.7	2.7	5.0	5.0	0.5	0.5	1.4	0.7	0.8	1.7	0.8	0.6	0.8	1.7	1.7	0.9	12.5	2.0	2.0	2.4
3	0.5	3.4	3.5	2.9	1.0	2.7	2.5	5.7	0.5	n/a	1.3	0.6	0.8	1.6	0.8	0.6	0.8	1.6	26.5	1.7	3.0	2.8	2.0	2.0
4	0.5	3.3	2.9	2.0	2.0	2.7	29.0	10.0	n/a	n/a	1.2	0.6	0.5	0.8	11.0	0.5	0.8	11.0	3.0	1.6	0.5	2.4	1.8	1.8
5		3.3	2.9	4.5	2.7	2.0	8.4	1.5	16.1	1.2	1.2	0.6	52.0	n/a	10.5	2.0	1.3	10.5	2.0	1.3	3.0	2.2	1.7	1.7
6		3.3	2.9	2.9	2.7	0.5	6.9	6.9	5.5	13.1	1.2	0.6	6.5	n/a	1.5	1.5	1.5	1.5	1.2	1.2	3.0	2.1	1.6	1.6
7		3.3	2.8	1.5	2.7	0.5	6.0	6.0	1.5	9.3	1.2	0.6	16.0	n/a	1.4	1.1	1.4	1.4	1.1	1.1	2.1	2.1	1.5	1.5
8	0.5	3.3	2.8	2.7	2.7	5.5	5.5	5.5	8.6	3.0	1.2	0.5	15.0	0.6	1.3	2.0	1.3	2.0	1.1	1.0	2.0	2.0	1.5	1.5
9		3.2	0.5	2.8	0.5	2.7	5.4	5.4	2.0	8.0	2.5	1.2	5.0	0.6	4.8	1.0	4.8	1.3	1.0	1.0	1.9	1.9	1.5	1.5
10	1.5	3.2	0.5	2.8	2.0	2.7	6.5	5.7	7.4	2.0	1.1	6.5	0.8	8.5	3.9	1.0	1.3	7.5	1.2	9.5	2.2	2.2	1.4	1.4
11		3.2	2.8	2.8	2.7	1.5	5.4	5.4	6.7	1.5	1.2	0.6	47.0	n/a	16.5	2.2	1.1	16.5	2.2	1.1	2.1	2.1	4.0	1.4
12	0.5	3.2	2.8	2.8	2.7	5.1	5.1	5.1	6.3	0.5	1.3	3.5	0.6	n/a	0.5	1.7	0.5	0.5	1.7	1.1	12.5	2.1	1.0	1.4
13		3.2	2.8	2.8	0.5	2.7	5.0	5.0	6.2	8.0	1.4	0.5	6.0	6.1	1.4	0.5	1.4	0.5	1.0	3.0	2.6	2.6	1.4	1.4
14	0.5	3.1	2.7	1.0	2.7	5.9	5.9	5.9	5.0	6.1	3.0	1.3	3.0	0.6	0.5	4.7	1.2	1.3	24.0	2.4	1.0	2.3	1.3	1.3
15		3.1	0.5	2.7	0.5	2.7	7.6	7.6	5.9	2.5	1.3	0.5	0.5	3.8	3.8	1.2	1.2	1.2	2.3	2.3	2.2	2.2	1.3	1.3
16		3.1	3.0	2.7	0.5	2.7	8.3	8.3	25.0	6.8	0.5	1.3	0.6	3.1	3.1	8.0	1.3	1.8	1.8	1.8	2.1	2.1	8.0	1.3
17		3.1	2.7	1.5	2.7	7.3	7.3	7.3	27.5	7.9	1.2	20.5	0.9	2.5	11.0	1.3	26.0	3.0	3.0	3.0	2.0	2.0	14.5	1.4
18		3.1	2.7	7.5	2.7	6.6	6.6	6.6	71.0	n/a	2.5	1.1	0.9	2.2	0.5	1.4	3.2	3.2	3.2	3.2	1.9	1.9	4.5	1.3
19		3.0	2.7	2.7	2.7	6.5	6.5	6.5	15.3	9.0	1.3	0.8	0.8	49.5	n/a	5.5	1.4	5.5	1.4	2.7	1.8	1.8	1.0	1.3
20		3.0	2.7	2.7	2.7	7.9	7.9	7.9	9.2	1.5	1.5	0.8	0.8	10.5	7.3	1.4	1.4	1.4	1.0	2.4	1.6	1.6	3.0	1.2
21		3.0	2.7	1.5	2.7	13.5	13.5	13.5	6.9	1.4	1.4	0.8	0.8	5.3	5.3	1.3	1.3	7.5	2.8	2.8	2.5	1.6	1.0	1.2
22		3.0	2.7	2.7	2.7	n/a	n/a	n/a	4.3	1.3	1.3	0.7	5.0	4.5	1.0	1.2	2.4	2.4	7.5	2.4	6.5	1.9	1.2	1.2
23		2.9	2.7	2.7	2.7	n/a	n/a	n/a	3.7	0.5	1.3	11.5	1.0	9.5	4.8	1.1	1.1	1.1	2.2	2.2	1.9	1.9	4.0	1.2
24	0.5	2.9	2.6	2.8	2.8	n/a	n/a	n/a	3.3	3.3	1.2	0.8	0.8	3.9	3.9	1.1	1.1	1.1	2.1	2.1	0.5	1.7	2.5	1.2
25	1.0	2.9	2.6	3.1	3.1	n/a	n/a	n/a	2.9	2.9	1.2	0.7	9.0	9.0	0.5	0.5	0.5	0.5	1.9	1.9	1.7	1.7	2.5	1.2
26	2.0	3.0	2.6	3.8	3.8	n/a	n/a	n/a	2.6	2.6	1.1	16.0	1.0	3.4	3.4	0.5	1.0	1.0	1.8	1.8	1.5	1.5	1.1	1.1
27		2.9	2.6	4.5	4.5	n/a	n/a	n/a	1.0	1.0	1.1	37.0	2.4	2.9	2.9	1.0	1.0	5.0	5.0	1.9	1.9	1.5	1.1	1.1
28	6.0	2.9	2.5	2.7	2.0	5.4	n/a	n/a	2.2	2.2	1.0	11.0	4.5	2.6	2.6	1.0	1.0	7.5	1.9	1.9	1.5	1.5	1.1	1.1
29	0.5	2.9			0.5	11.3	n/a	n/a	1.9	1.9	1.0	1.6	1.6	2.3	2.3	1.0	1.0	0.5	1.8	1.8	1.5	1.5	4.5	1.1
30	7.0	2.9			8.1	0.5	n/a	n/a	1.8	2.0	1.0	1.1	1.1	2.1	2.1	1.5	1.0	1.0	1.8	1.8	1.4	1.4	1.1	1.1
31	2.0	2.9			1.0	6.3	n/a	n/a	1.6	1.6	1.0	1.0	1.0	1.9	1.9	1.9	1.0	1.0	1.9	1.9	57.0	57.0	69.0	43.2
total	26.0	96.6	11.5	77.1	28.0	107.4	43.0	n/a	81.0	n/a	37.5	37.0	28.7	235.5	n/a	68.0	40.9	111.0	55.5	57.0	58.5	69.0	43.2	43.2

付表-5. ワサビ沢の日降水量とバケモノ沢の日流出量

BAKEMONOSAWA 2014 unit: mm/day n/a : data not available annual precipitation at Wasabisawa: n/a annual runoff: n/a

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	n/a	0.4	n/a	0.4	n/a	n/a	n/a	n/a	1.5	n/a	n/a	n/a	0.2	1.4	11.5	0.5	60.5	1.2	0.5	11.5	1.6	n/a	0.4	
2	n/a	0.3	n/a	0.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	1.5	1.3	0.5	0.5	n/a	n/a	0.5	0.5	1.5	n/a	0.3	
3	n/a	0.3	n/a	0.5	n/a	n/a	n/a	11.5	n/a	n/a	n/a	0.2	3.0	1.3	0.5	2.0	n/a	n/a	0.5	0.5	1.3	n/a	0.3	
4	n/a	0.3	n/a	0.4	n/a	n/a	10.5	n/a	n/a	n/a	n/a	0.2	13.5	1.3	n/a	0.4	2.1	0.6	2.1	0.5	0.6	1.1	n/a	0.2
5	n/a	0.3	n/a	n/a	n/a	n/a	n/a	n/a	1.0	n/a	4.5	0.2	15.0	1.7	0.4	0.5	1.9	111.0	1.3	0.9	1.0	n/a	0.2	
6	n/a	0.2	n/a	n/a	n/a	n/a	1.5	n/a	n/a	n/a	77.0	0.5	0.5	1.6	0.4	22.5	1.5	53.5	5.1	0.9	0.9	n/a	0.2	
7	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	38.0	1.0	3.0	1.5	0.4	16.5	2.4	4.6	4.6	0.9	0.9	n/a	0.2	
8	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.3	20.0	0.9	5.0	1.4	1.0	0.4	2.3	4.1	4.1	0.8	0.8	n/a	0.2	
9	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.3	9.0	1.5	33.5	1.7	2.5	0.4	0.5	2.1	3.4	3.5	0.8	n/a	0.2	
10	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.3	13.5	1.8	1.0	3.0	12.0	0.5	21.0	2.2	2.8	0.6	0.6	n/a	0.3	
11	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.3	32.0	3.3	0.5	3.1	57.0	1.3	1.7	1.5	2.5	0.6	0.6	n/a	0.2	
12	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	1.5	0.3	0.5	3.7	0.5	3.1	1.5	1.1	1.4	55.0	2.6	0.5	0.5	n/a	0.2	
13	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	0.2	3.7	3.1	3.1	1.5	1.1	1.4	27.0	5.6	0.5	0.5	n/a	0.2	
14	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2.0	0.2	3.6	3.0	3.0	0.9	0.9	1.3	6.0	4.8	0.4	0.4	n/a	0.2	
15	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	0.5	3.5	3.0	3.0	3.0	3.0	4.4	4.4	4.4	0.4	0.4	n/a	0.2	
16	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	0.5	3.5	3.5	2.6	31.0	1.0	1.2	1.2	4.4	0.4	0.4	n/a	0.2	
17	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	1.5	3.2	2.0	2.3	6.5	1.2	1.1	3.9	3.9	0.3	0.3	n/a	0.3	
18	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.3	0.5	2.9	4.0	2.2	1.0	0.5	1.0	3.5	3.5	0.3	0.3	n/a	0.4	
19	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.3	10.5	2.7	13.0	2.1	0.9	0.9	0.9	3.2	3.2	0.3	0.3	n/a	0.4	
20	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	0.5	0.3	6.0	2.5	3.0	1.9	0.7	0.7	0.9	4.5	2.9	0.3	0.3	n/a	0.5	
21	n/a	0.2	n/a	n/a	n/a	n/a	n/a	6.0	n/a	34.5	0.3	2.2	1.0	1.7	0.6	0.6	0.8	0.5	2.7	0.2	0.2	n/a	0.3	
22	n/a	0.2	n/a	n/a	n/a	n/a	n/a	0.5	n/a	1.0	0.2	11.5	2.1	1.5	0.5	0.5	0.8	27.5	2.7	0.2	0.2	n/a	0.3	
23	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	21.0	2.0	1.3	0.4	0.4	0.7	11.5	3.1	0.2	0.2	n/a	0.3	
24	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	37.5	2.6	1.1	1.5	0.4	11.5	0.7	0.5	2.7	0.2	0.2	n/a	0.3	
25	n/a	0.2	n/a	n/a	n/a	n/a	n/a	1.5	n/a	n/a	9.0	2.5	1.0	17.0	0.5	13.5	0.7	2.4	13.5	0.3	0.3	n/a	0.4	
26	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	9.0	0.2	2.0	0.9	6.0	0.4	0.7	2.1	20.5	0.3	2.1	20.5	0.3	n/a	0.4
27	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	8.5	0.3	1.5	1.5	0.8	7.5	0.6	0.6	2.0	0.5	0.3	0.3	0.3	n/a	0.4	
28	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	1.5	0.2	8.5	1.5	0.7	0.5	0.5	0.5	1.7	1.7	0.2	0.2	0.2	n/a	0.4	
29	n/a	0.3	n/a	n/a	n/a	n/a	n/a	0.5	n/a	1.0	0.2	12.5	1.6	0.6	5.5	0.4	0.5	1.6	15.0	0.4	0.4	n/a	0.5	
30	n/a	0.4	n/a	n/a	n/a	n/a	n/a	41.5	n/a	0.2	1.5	1.5	0.6	15.5	0.6	0.5	1.4	5.0	0.3	0.3	0.3	n/a	0.5	
31	n/a	0.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	1.5	0.5	1.5	0.5	0.5	0.5	1.0	1.5	1.5	1.5	1.5	n/a	0.5	
total	n/a	6.5	n/a	n/a	n/a	n/a	82.5	n/a	62.0	n/a	313.5	57.1	124.5	52.4	233.5	19.7	147.0	298.5	83.8	70.0	17.4	n/a	9.7	

付表 - 6. 白坂の日降水量と白坂本谷の日流出量

SHIRASAKA HONTANI 2014

unit: mm/day

annual precipitation at Shirasaka: 1920.5

annual runoff:

1007.6

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1		1.1		0.9	1.0	2.8		7.4		4.0		2.6		1.0		0.8	53.0		5.3		2.6	23.0	3.5	27.0
2		1.1		9.5	1.2	6.5		6.0		3.0		2.3		1.0		0.8			5.1		2.4	4.5	3.1	3.9
3		1.0		0.5	1.0	2.3		5.3		2.5		2.1		26.5	1.7	1.5	0.9		3.4		2.3		2.7	3.1
4		1.0		1.0	2.5	2.0	5.5		4.9	2.2		2.0		0.5	1.7	0.5	3.5		2.6		2.6		2.5	2.9
5		1.0		0.9	32.5	4.6	4.0	4.3	33.0	3.5	10.0		2.2	37.5	3.8	0.8	15.0	3.8	43.0	5.5	2.3		2.3	2.5
6		1.0		0.8	3.9	2.0	4.1		3.5	3.5		2.0		10.5	3.6	0.8	41.5	5.0	10.0	5.5	2.1		2.4	2.4
7		0.9		0.8	3.1		3.6		2.7	2.7	1.0		1.9	11.5	4.5	9.5	1.0	4.5	8.1	3.4	2.0	2.0	4.5	2.2
8	21.0	1.4	10.5	1.8		2.8		3.4		2.4	1.5	1.8		1.8	2.9	0.8		4.8		2.8		1.9		2.1
9	0.5	1.5	23.5	1.6		2.6		3.2		2.2	1.0	1.7		2.5	2.2	21.5	1.4	3.8	2.5	2.6	5.5	2.0		1.9
10		1.2		1.3	2.5	2.4		3.0		2.0	2.5	1.7		18.0	2.5	43.0	3.9	2.5	3.3	2.4	1.9			1.8
11		1.1		1.2		2.1		2.8		1.9	2.5	1.7		1.5	2.4	6.0	3.1	12.5	3.1	2.2		1.8		5.5
12		1.1		1.1		2.1		2.6		2.0				1.6		52.5	11.1		2.7	2.0	1.0	1.8		1.8
13		1.0		1.1	107.0	27.2		2.5	17.5	3.9		1.5	4.5	1.9		4.3		2.3	81.0	5.8	0.5	1.7		1.7
14		1.0		37.0	3.0	0.5	13.6		2.4	2.6		1.4	1.5	1.7	8.0	3.5		2.1	2.0	14.2		1.6		1.7
15		1.0		44.5	12.1		7.2		2.4	2.0	2.3		1.3		1.5	6.5	3.2	1.9		5.1		1.6	2.5	1.7
16		0.9		5.6		5.6		2.3		2.0	2.0	1.2		1.4	5.5	3.1		1.8		4.1		1.5	22.0	2.6
17		0.9		3.7		4.7		2.2		1.8		1.2		1.3	7.5	2.6		1.7		3.5		1.5		2.3
18		0.9		2.8		3.5	4.3	3.5	2.2	1.7	8.0	1.3		1.2	0.5	2.2		1.6		3.1	3.1	1.4	4.5	2.1
19	0.5	1.0		2.3		3.8		2.0		1.6		1.3	38.0	2.8	11.5	2.2		1.5		2.9		1.4	3.0	1.9
20	0.5	0.9		2.0	5.0	3.6	7.0	2.1	12.0	1.6		1.2		1.8		1.8		1.5	26.0	3.9		1.4	14.0	2.5
21		0.9		1.8	0.5	3.3	8.5	2.5	23.5	3.5		1.1		1.5		1.7		1.4	3.5	4.8		1.3		2.6
22		0.9		1.7		3.0		2.1		2.3	5.0		1.3		1.4		1.5		1.3	15.5	3.9		1.3	2.3
23		0.8		1.6		2.8		1.9		2.0		1.1		1.3	23.0	2.4		1.3	5.0	4.6		1.3		2.0
24		0.8		1.5		2.6		1.8		1.9		1.1		1.2	4.0	1.9	39.0	2.1		3.8		1.2		1.9
25	0.5	0.8		1.4		2.5		1.7		1.7		1.0		1.1	25.5	3.0	99.0	36.6		3.4	31.5	2.7		1.8
26	6.0	1.0		1.4	23.5	3.0	1.0	1.7	77.5	7.0		1.0		1.0	8.5	2.7		7.2		3.1	10.5	2.6		1.7
27		0.8		40.5	3.1	2.0	3.3		1.6	0.5	13.3	0.9		1.0		2.5		4.9	0.5	2.9		2.0		1.7
28		0.8			4.1		2.8		1.6		5.3	8.0		0.9	2.0	2.2		4.0		2.6		1.7	0.5	1.6
29		0.8				4.5	2.6	26.5	2.1	4.0	15.5	1.9		4.0	5.5	2.1		3.3		2.4	29.0	3.8	16.0	2.3
30	15.0	1.3			106.5	34.2	41.0	7.4		3.3	0.5	1.2		0.9	0.5	2.0		2.9		2.3	5.5	2.9		1.8
31	0.5	1.1				11.9				2.9		0.8		0.8		1.8		6.0		2.3				1.5
total	44.5	31.0	167.0	62.8	298.0	175.5	98.0	93.1	182.5	96.6	55.5	45.7	152.5	54.8	237.0	72.9	270.5	130.7	195.0	115.0	111.0	60.5	109.0	69.0

付表-7. 青野の日降水量と樹芸1号沢の日流出量

JYUGEI 1GOSAWA		2014		unit: mm/day		n/a : data not available		annual precipitation at Aono: 2079.5		annual runoff: n/a													
day	January	February	March	April	May	June	July	August	September	October	November	December											
	rain	rain	rain	rain	rain	rain	rain	rain	rain	rain	rain	rain											
	runoff	runoff	runoff	runoff	runoff	runoff	runoff	runoff	runoff	runoff	runoff	runoff											
1	1.0	1.1	1.1	2.8	14.5	3.9	2.9	1.7	1.2	4.5	1.0	3.0											
2	1.0	26.0	2.3	13.5	1.4	2.5	2.7	1.6	1.2	1.0	1.0	1.2											
3	1.0	0.5	1.5	42.0	3.5	2.2	2.6	14.5	1.0	1.0	1.0	1.1											
4	1.0	1.0	1.2	1.5	5.0	4.8	2.5	33.0	1.2	1.0	1.0	1.1											
5	1.0	1.1	113.0	8.6	4.0	3.4	21.5	1.8	3.5	3.5	1.0	83.5											
6	1.0	1.1	4.2	3.0	0.5	2.1	33.5	2.0	1.7	8.0	1.1	105.0											
7	1.0	1.1	2.3	2.7	2.0	36.0	5.8	15.5	2.3	1.1	4.0	4.7											
8	26.5	1.5	10.0	1.2	1.9	1.9	3.6	1.8	1.1	8.0	1.7	3.0											
9	8.5	1.7	1.1	1.7	2.4	1.9	3.1	4.0	1.7	1.1	1.5	2.5											
10	1.1	3.0	1.1	1.5	2.3	1.8	2.9	8.0	1.9	14.5	1.6	1.1											
11	1.0	2.0	1.0	1.4	2.2	1.8	19.5	3.0	1.8	116.5	5.7	2.1											
12	1.0	0.9	0.9	1.4	2.1	2.0	1.5	3.0	1.1	1.7	1.7	1.9											
13	1.0	23.0	1.4	2.9	54.0	3.9	2.7	6.0	1.7	0.5	1.1	1.3											
14	1.0	0.5	1.0	1.9	2.1	2.5	2.5	2.0	1.7	1.5	1.1	8.0											
15	0.5	1.0	1.9	2.1	2.0	2.5	2.4	1.5	1.1	1.1	1.1	19.0											
16	1.0	0.9	1.0	1.8	2.0	2.1	2.3	1.5	0.5	1.1	1.1	1.0											
17	0.9	1.0	1.0	1.7	1.9	2.0	2.3	1.5	1.0	1.0	1.1	2.1											
18	0.9	1.0	0.5	1.7	9.5	2.1	1.9	1.4	1.0	3.0	1.1	1.9											
19	0.9	0.9	0.9	1.6	1.9	1.9	2.2	32.5	2.5	1.0	1.0	1.8											
20	0.9	0.9	32.5	2.9	1.0	1.8	2.1	1.8	1.0	1.0	1.0	1.7											
21	0.9	0.9	2.1	21.0	2.3	46.0	2.0	1.6	1.0	1.0	1.0	10.0											
22	0.9	0.9	1.8	1.9	2.5	2.4	14.5	1.5	1.0	1.0	1.0	56.0											
23	0.9	0.9	1.7	1.0	1.8	7.0	2.2	2.0	1.5	3.5	3.4	3.5											
24	0.9	0.9	0.9	1.6	1.7	1.9	1.9	1.4	1.1	3.0	1.0	2.6											
25	0.9	0.9	0.9	1.6	1.7	1.8	1.9	1.3	1.0	102.5	6.1	2.3											
26	11.5	1.2	0.9	21.5	2.2	1.6	35.0	1.8	1.3	1.5	1.0	0.5											
27	0.9	33.5	1.8	2.0	1.9	1.6	66.0	1.8	1.3	0.5	1.0	2.1											
28	0.9	7.0	1.3	1.6	1.6	5.0	2.5	1.2	1.0	1.0	1.3	1.9											
29	0.9			1.6	11.5	1.7	3.9	1.2	1.0	1.0	1.2	1.9											
30	44.0	2.3		64.0	6.4	50.0	3.7	1.7	1.2	9.5	1.3	1.8											
31	1.3				4.1	3.2	1.2	1.2	1.0	1.0	1.8	1.0											
total	91.0	32.9	114.5	32.3	305.0	73.0	69.7	261.0	86.8	138.5	76.6	120.5	51.1	72.0	35.1	253.0	46.2	325.0	82.7	99.5	n/a	149.0	52.2

付表 - 8. 青野の日降水量と樹芸 2 号沢の日流出量

JYUGEI 2GOSAWA

2014

unit: mm/day

annual precipitation at Aono: 2079.5

annual runoff:

1284.1

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	1.3	1.3	1.3	1.5	8.9	74.5	6.6	6.1	2.4	2.1	4.5	2.0	3.0	1.3	16.0	4.1	6.0	2.5						
2	1.3	26.0	2.6	1.7	2.5	7.2	4.6	5.5	2.3	1.9	1.9	1.9	1.3	10.5	4.1	2.0	2.0							
3	1.3	0.5	1.8	1.6	42.0	7.4	3.8	5.1	14.5	2.6	1.8	1.9	1.2	3.7	3.7	1.8	1.8							
4	1.3	1.3	1.5	1.4	5.0	10.0	3.3	4.7	33.0	4.9	1.7	2.0	3.2	3.2	1.2	2.1	2.1							
5	1.3	1.4	113.0	23.6	4.0	8.6	21.5	4.8	2.9	3.5	1.8	3.5	2.0	83.5	6.2	3.0	1.7							
6	1.3	1.3	1.3	16.3	3.0	7.6	0.5	6.8	2.0	2.7	1.7	8.0	2.1	105.0	36.5	4.0	1.5							
7	1.3	1.3	1.3	8.9	6.4	3.0	36.0	16.7	15.5	3.4	1.7	4.0	2.4	17.2	2.9	2.9	1.5							
8	26.5	1.8	10.0	6.6	5.5	2.9	2.9	12.1	2.8	2.8	1.7	8.0	2.0	10.8	2.8	2.8	1.5							
9	8.5	2.2	7.5	5.1	4.9	2.8	2.8	9.3	4.0	2.8	1.6	1.6	1.5	7.9	8.0	2.9	1.5							
10	1.4	3.0	1.4	4.2	4.4	2.6	2.6	7.6	8.0	2.9	14.5	1.9	1.7	6.2	2.9	1.5	1.5							
11	1.3	2.0	1.4	3.6	3.9	3.9	2.5	7.1	3.0	3.0	1.7	116.5	12.9	5.1	10.0	3.0	2.2							
12	1.3	1.3	1.3	3.2	3.6	2.0	2.5	6.6	2.7	2.0	1.7	3.5	3.5	4.4	0.5	2.8	1.9							
13	1.3	1.3	1.3	7.0	3.4	53.5	7.0	5.6	6.0	2.7	0.5	1.7	2.8	34.5	5.2	2.6	1.7							
14	1.2	23.0	1.5	7.8	3.2	4.6	4.6	5.0	2.0	2.7	1.5	1.7	2.5	8.0	5.9	2.4	1.7							
15	0.5	1.2	14.0	6.2	3.0	9.0	4.4	4.6	2.5	2.5	1.6	2.3	19.0	5.1	2.3	1.7	1.7							
16	1.2	1.5	1.5	5.3	2.9	3.8	3.8	4.3	2.2	0.5	1.6	2.2	1.0	4.9	2.3	50.0	4.6							
17	1.2	1.2	1.4	4.5	2.8	3.4	3.4	3.9	2.0	2.0	1.6	2.2	4.7	2.0	2.2	2.5	2.5							
18	1.2	1.2	1.3	0.5	4.1	9.5	2.9	3.8	2.0	2.0	1.6	3.0	1.8	4.1	2.2	0.5	1.8							
19	1.2	1.2	1.3	3.6	2.6	3.0	3.0	3.4	32.5	3.8	1.7	1.0	3.8	1.9	1.9	1.6	1.6							
20	1.2	1.2	1.3	32.5	5.0	1.0	2.5	3.2	2.8	2.8	1.8	0.9	3.6	2.0	1.6	54.0	5.6							
21	1.1	1.1	1.3	4.1	21.0	3.0	46.0	3.1	2.3	2.3	1.6	0.9	10.0	3.7	1.6	5.4	5.4							
22	1.1	1.1	1.3	3.6	2.6	2.5	4.8	3.4	2.2	2.2	1.6	0.9	56.0	11.9	1.5	3.6	3.6							
23	1.1	1.1	1.3	3.4	2.4	7.0	4.4	2.9	2.3	37.0	5.2	0.9	3.5	10.0	1.6	3.0	3.0							
24	1.1	1.1	1.3	3.2	2.3	3.9	3.9	2.8	2.4	2.4	2.4	3.0	0.9	7.9	1.7	2.7	2.7							
25	1.1	1.1	1.3	3.0	2.2	3.6	3.6	2.7	2.3	2.3	2.1	102.5	7.9	6.2	11.5	1.9	2.5							
26	11.5	1.4	1.2	21.5	3.5	2.2	35.0	2.6	2.3	2.3	1.5	2.6	0.5	5.5	1.0	1.8	2.3							
27	1.1	33.5	2.4	3.4	2.1	66.0	32.6	2.5	2.3	0.5	1.9	1.8	5.1	0.5	1.7	2.1	2.1							
28	1.1	1.1	2.0	3.0	2.1	16.3	2.5	2.5	2.2	2.2	1.9	1.6	4.6	2.5	1.6	0.5	2.1							
29	1.1	1.1	1.1	2.8	11.5	2.2	11.4	3.0	2.2	1.0	1.9	1.4	4.1	25.0	3.0	9.5	2.3							
30	44.0	3.2	3.2	64.0	13.3	50.0	5.5	8.8	2.1	9.5	2.3	1.3	3.8	6.0	2.2	2.0	2.0							
31	1.6	1.6	1.6	12.7	7.2	7.2	7.2	2.1	2.1	2.1	2.0	2.0	1.0	3.7	3.0	3.0	1.9							
total	91.0	41.8	114.5	41.9	305.0	177.2	150.5	128.3	261.0	178.3	138.5	153.7	120.5	80.8	72.0	59.5	253.0	72.1	325.0	203.1	99.5	74.6	149.0	72.8



表 9. 青野の日降水量と樹芸3号沢の日流出量

BAKEMONOSAWA 2014 unit: mm/day n/a: data not available annual precipitation at Wasabisawa: n/a annual runoff: n/a

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	n/a	0.4	n/a	0.4	n/a	n/a	n/a	n/a	7.5	n/a	n/a	n/a	0.2	1.4	17.5	0.5	60.5	1.2	0.5	1.6	n/a	0.4		
2	n/a	0.3	n/a	0.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	1.5	1.3	0.5	0.5	n/a	n/a	0.5	1.5	n/a	0.3		
3	n/a	0.3	n/a	0.4	n/a	n/a	n/a	11.5	n/a	n/a	n/a	0.2	3.0	1.3	n/a	2.0	n/a	0.5	1.3	n/a	0.3			
4	n/a	0.3	n/a	0.4	n/a	n/a	10.5	n/a	n/a	n/a	n/a	0.2	73.5	1.3	0.4	2.1	0.6	2.1	0.5	1.1	n/a	0.2		
5	n/a	0.3	n/a	n/a	n/a	n/a	n/a	1.5	1.0	n/a	4.5	0.2	15.0	1.7	0.4	0.5	1.0	111.0	1.3	1.0	n/a	0.2		
6	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	77.0	0.5	0.5	1.6	0.4	22.5	1.5	53.5	5.1	0.9	n/a	0.2		
7	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	38.0	1.0	3.0	1.5	0.4	1.0	2.4	4.6	0.9	0.9	n/a	0.2		
8	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	0.3	20.0	0.9	5.0	1.4	1.0	0.4	2.3	4.1	4.1	0.8	n/a	0.2			
9	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	0.3	9.0	1.5	33.5	1.7	2.5	0.4	0.5	2.1	3.4	3.5	0.8	n/a	0.2		
10	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.3	1.8	33.5	2.2	5.0	0.6	1.9	3.1	0.7	n/a	0.3			
11	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	0.3	13.5	1.8	1.0	3.0	1.0	2.2	2.8	2.8	2.8	0.6	n/a	0.3			
12	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	0.3	32.0	3.3	3.0	5.0	1.3	1.7	2.5	1.3	1.7	0.6	n/a	0.2			
13	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	1.5	0.3	3.5	3.7	0.5	1.2	1.5	55.0	2.6	2.5	0.5	n/a	0.2			
14	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	3.7	3.0	3.1	1.5	1.1	1.4	27.0	5.6	0.5	n/a	0.2			
15	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	2.0	0.2	3.0	3.0	3.0	0.9	1.3	6.0	4.8	0.4	n/a	0.2				
16	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	0.2	3.5	2.6	31.0	1.0	1.2	4.4	4.4	0.4	n/a	0.2			
17	n/a	0.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	1.5	3.2	2.0	2.3	6.5	1.2	1.1	3.9	0.3	n/a	0.3			
18	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.3	0.5	2.9	4.0	4.0	0.5	1.0	3.5	3.5	0.3	n/a	0.4			
19	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	1.5	n/a	10.5	2.7	13.0	2.1	0.9	0.9	3.2	3.2	0.3	n/a	0.4			
20	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	0.5	0.3	6.0	2.5	3.0	1.9	0.7	4.5	2.9	0.9	0.3	n/a	0.5			
21	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	6.0	0.2	34.5	2.2	1.0	1.7	0.5	0.8	0.5	2.7	0.2	n/a	0.3			
22	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	0.5	n/a	11.5	2.1	1.5	1.5	0.5	0.8	27.5	2.7	0.2	n/a	0.3			
23	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	21.0	2.0	1.3	0.4	0.4	0.7	11.5	3.1	0.2	n/a	0.3			
24	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	37.5	2.6	1.1	1.5	0.4	11.5	0.7	0.5	2.7	0.2	n/a	0.3		
25	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	1.5	n/a	9.0	2.5	1.0	17.0	0.5	13.5	0.7	2.4	13.5	0.3	n/a	0.4		
26	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	9.0	2.0	2.0	0.9	6.0	0.4	0.7	2.1	20.5	0.3	n/a	0.4			
27	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	8.5	0.3	1.5	1.5	0.8	7.5	0.6	0.6	2.0	0.5	0.3	n/a	0.4			
28	n/a	0.2	n/a	n/a	n/a	n/a	n/a	n/a	1.5	0.2	8.5	1.5	0.7	0.5	0.5	0.5	1.7	11.0	0.2	n/a	0.4			
29	n/a	0.3	n/a	n/a	n/a	n/a	n/a	n/a	1.0	0.2	12.5	1.6	0.6	5.5	0.4	0.5	1.6	1.6	0.2	n/a	0.5			
30	n/a	0.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	1.5	1.5	0.6	15.5	0.6	0.5	1.4	5.0	0.3	n/a	0.5			
31	n/a	0.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	1.5	0.5	1.5	0.5	0.5	1.0	1.5	1.0	1.5	1.5	n/a	0.5		
total	6.5	n/a	n/a	n/a	n/a	n/a	82.5	n/a	62.0	n/a	313.5	57.1	124.5	52.4	233.5	19.7	147.0	298.5	83.8	70.0	17.4	n/a	9.7	

付表-10. 新田の降水水質  
SHINTA

2014

2014	採水日	採水時刻	降水量 (mm)	pH	EC ( $\mu$ S/cm)	Na <sup>+</sup> (mg/L)	K <sup>+</sup> (mg/L)	Mg <sup>2+</sup> (mg/L)	Ca <sup>2+</sup> (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1													
2													
3													
4	2014/4/10	10:50	94.2	4.8		2.28	0.17	0.31	0.48	0.18	3.89	0.79	1.96
5													
6	2014/6/16	10:50	482.2	5.3	5	0.34	0.00	0.00	0.00	0.05	0.49	2.45	0.84
7	2014/7/12	10:45	27.4	6.2	28	3.24	0.29	0.54	0.35	0.27	5.02	1.20	1.71
8													
9	2014/9/16		16.2	5.3	12	0.53	0.12	0.02	0.05	0.13	0.75	0.88	0.76
10	2014/10/15	9:00	66.9	5.1	44	6.19	0.74	0.80	0.27	0.05	11.64	0.93	2.20
11	2014/11/24	10:40	56.5		1.73	0.64	0.24	0.34	0.34	0.00	2.98	1.78	1.92
12	2014/12/10	11:00	101.9	5.2	17	1.45	0.62	0.17	0.19	0.37	2.33	1.42	1.84

注)空欄穴測(採水・観測をしていないか、または観測・分析ができなかった)

付表-11. 東郷ダムの降水水質

TOGO DAM

2014

2014	採水日	採水時刻	サンプラー 種類	降水量 (mm)	pH	EC ( $\mu$ S/cm)	Na <sup>+</sup> (mg/L)	K <sup>+</sup> (mg/L)	Mg <sup>2+</sup> (mg/L)	Ca <sup>2+</sup> (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1	2014/1/22	9:30	冬季用	65.1	5.20	16	0.47	0.06	0.13	0.28	0.31	1.65	0.70	0.78
2	2014/2/19	13:40	冬季用	62.9	4.81	25	0.44	0.11	0.17	0.78	0.38	1.49	1.75	1.69
3	2014/3/19	9:30	冬季用	67.9	5.14	24	0.55	0.25	0.15	0.53	0.46	1.79	1.38	1.45
4	2014/4/16	8:55	冬季用	75.3	6.57	28	0.27	0.13	0.13	0.74	0.67	1.00	1.95	2.23
5	2014/5/21	15:52	共通	101.7	9.21	14	0.39	0.16	0.12	0.53	0.34	1.19	0.83	1.37
6	2014/6/18	9:38	共通	38.9	7.71	10	0.10	0.31	0.07	0.39	0.15	0.35	0.79	0.84
7	2014/7/16	10:05	共通	30.1	8.51	8	0.07	0.26	0.03	0.14	0.32	0.26	0.78	0.74
8	2014/8/21	10:00	共通	312.9	9.04	6	0.05	0.08	0.02	0.10	0.18	0.11	0.29	0.31
9	2014/9/17	9:38	共通	77.4	7.99	12	0.11	0.42	0.06	0.25	1.55	0.34	0.57	0.84
10	2014/10/22	9:59	共通	134.1	7.59	20	0.38	0.10	0.09	0.16	0.23	1.18	0.33	0.71
11	2014/11/19	9:50	共通	70.6	8.09	27	1.25	0.26	0.31	0.36	0.52	3.95	0.73	1.73
12	2014/12/19	10:45	冬季用	58.7			0.52	0.06	0.13	0.37	0.41	1.65	0.71	1.08

注)空欄穴測(採水・観測をしていないか、または観測・分析ができなかった)

付表-12. ワサビ沢の降水水質

WASABISAWA

2014

2014	採水日	採水時刻	サンプラー種類	降水量 (mm)	pH <sup>§</sup>	EC <sup>§</sup> (µS/cm)	Na <sup>+</sup> (mg/L)	K <sup>+</sup> (mg/L)	Mg <sup>2+</sup> (mg/L)	Ca <sup>2+</sup> (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1	2014/1/22	11:25	冬季用	77.1	5.26	6	0.08	0.03		0.41	0.12	0.26	0.27	0.26
2														
3	2014/3/19	10:17	冬季用	143.3	4.77	8	0.08	0.04		0.22	0.15	0.28	0.24	0.28
4	2014/4/16	13:39	冬季用	83.9	4.87	6	0.11	0.04	0.01	0.13	0.18	0.22	0.87	0.64
5	2014/5/22	13:40	共通	103.5	4.79	7	0.14	0.10	0.02	0.19	0.06	0.24	0.97	0.74
6	2014/6/18	13:00	共通	214.5	4.80		0.04	0.01	0.01	0.11	0.03	0.08	0.43	0.35
7	2014/7/16	13:10	共通	227.3	4.45	9	0.07	0.06	0.00	0.06	0.11	0.12	0.81	0.66
8	2014/8/20	13:50	共通	205.9	4.65	5	0.12	0.03	0.03	0.21	0.07	0.25	0.57	0.49
9	2014/9/17	13:34	共通	175.3	4.48	8	0.11	0.04		0.04	0.10	0.18	0.65	0.70
10	2014/10/22	12:05	共通	205.5	6.82	3	0.06	0.00		0.04	0.01	0.11	0.22	0.18
11	2014/11/19	12:40	共通	54.6	6.27	9	0.47	0.28	0.01	0.16	0.04	0.80	0.07	0.39
12	2014/12/17	11:32	冬季用	36.6	5.64	8	0.55	0.26	0.00	0.45	0.14	0.87	0.22	0.31

注)空欄欠測(採水・観測をしていないか、または観測・分析ができなかった)

<sup>§</sup> pHとECについては、サントリ・グローバルイノベーションセンター(株) 水科学研究所の実験室で分析

付表-13. 白坂の降水水質

SHIRASAKA

2014

2014	採水日	採水時刻	降水量 (mm)	pH <sup>§</sup>	EC (µS/cm)	Na <sup>+</sup> (mg/L)	K <sup>+</sup> (mg/L)	Mg <sup>2+</sup> (mg/L)	Ca <sup>2+</sup> (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1	2014/1/21	10:42	62.4	5.79	17	2.07	0.21	0.28	0.89	0.07	0.66	1.37	0.97
2	2014/2/18	10:44	149.9	4.86	8	0.74	0.08	0.11	0.33	0.09	0.28	0.58	1.03
3	2014/3/18	8:53	196.2	6.20	12	1.33	0.12	0.19	0.32	0.17	1.50	0.56	1.41
4	2014/4/15	13:00	159.5	4.98	11	1.03	0.12	0.16	0.41	0.34	0.68	1.08	1.31
5	2014/5/20	10:41	161.7	5.05	12	0.78	0.16	0.16	0.48	0.01	0.65	1.12	1.75
6	2014/6/17	9:52	133.6	6.88	13	1.57	0.08	0.22	0.65	0.01	0.20	0.21	0.68
7	2014/7/15	9:40	161.4	4.87	11	0.77	0.12	0.12	0.34	0.10	0.39	1.44	0.75
8	2014/8/19	10:00	202.1	7.17	12	1.42	0.10	0.17	0.29	0.00	1.16	0.00	0.78
9	2014/9/16	9:58	222.3	6.13	13	0.51	0.05	0.08	0.24	0.02	0.26	1.60	0.76
10	2014/10/21	10:40	314.7	6.40	7	4.07	0.08	0.11	0.23	0.02	0.64	0.08	0.33
11	2014/11/18	11:03	64.4	5.09	25	4.07	0.16	0.43	1.19	0.30	0.70	0.06	1.29
12	2014/12/17	12:18	152.2	4.65	22	3.22	0.11	0.46	1.21	0.88	1.00	1.00	1.16

注)空欄欠測(採水・観測をしていないか、または観測・分析ができなかった)

<sup>§</sup> pHについては、ウェット&ドライサンプラーの値

付表 - 14. 加納の降水水質

## KANOU

2014

2014	採水期間	サンプル 個数	降水量 (mm)	pH	EC ( $\mu$ S/cm)	Na <sup>+</sup> (mg/L)	K <sup>+</sup> (mg/L)	Mg <sup>2+</sup> (mg/L)	Ca <sup>2+</sup> (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1	2013/12/18~2014/1/20												
2	2014/1/20~2014/2/19	7	119.0			0.83	0.12	0.19	0.24	0.24	2.82	0.98	2.54
3	2014/2/19~2014/3/19	6	155.4			2.78	0.30	0.66	0.42	0.29	9.44	0.57	3.27
4	2014/3/19~2014/4/16												
5	2014/4/16~2014/5/21												
6	2014/5/21~2014/6/18	7	230.4			0.24	0.12	0.07	0.11	0.23	0.98	0.51	1.00
7	2014/6/18~2014/7/16	9	138.3			0.35	1.03	0.19	0.36	0.29	1.55	0.72	1.56
8	2014/7/16~2014/8/20	4	30.4			1.67	0.59	0.45	0.52	0.95	5.28	1.47	3.97
9	2014/8/20~2014/9/17	7	142.2			0.20	0.15	0.07	0.19	0.22	0.68	0.45	0.75
10	2014/9/17~2014/10/22	10	385.0			3.46	0.31	0.74	0.32	0.21	11.39	0.40	2.46
11	2014/10/22~2014/11/19	6	78.0			0.80	0.39	0.24	0.27	1.30	2.74	0.91	2.06
12	2014/11/19~2014/12/17	7	111.6			2.74	0.24	0.64	0.47	0.17	9.14	0.49	2.45

注)空欄欠測(採水・観測をしていないか、または観測・分析ができなかった)

付表 - 15. 袋山沢 A の溪流水質

## FUKUROYAMASAWA A

2014

2014	採水日	採水時刻	水位 (mm)	水温 ( $^{\circ}$ C)	pH	EC ( $\mu$ S/cm)	Na <sup>+</sup> (mg/L)	K <sup>+</sup> (mg/L)	Mg <sup>2+</sup> (mg/L)	Ca <sup>2+</sup> (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
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

注)空欄欠測(採水・観測をしていないか、または観測・分析ができなかった)

付表-16. 袋山沢 B の渓流水質  
**FUKUROYAMASAWA B**

2014

2014	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na <sup>+</sup> (mg/L)	K <sup>+</sup> (mg/L)	Mg <sup>2+</sup> (mg/L)	Ca <sup>2+</sup> (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1	2014/1/15	10:18					5.38	0.50	1.82	6.75	0.00			
2														
3														
4	2014/4/10	13:30			6.3	73	5.25	0.54	1.80	6.59	0.00	5.24	0.00	5.81
5														
6	2014/6/16	14:00			6.8	76	5.19	0.55	1.75	6.13	0.00	4.62	2.40	4.99
7	2014/7/12				6.6	86	9.97	0.56	2.77	9.59	0.00	5.30	1.41	5.14
8														
9	2014/9/13	11:00			6.8	96	6.11	0.66	2.23	7.81	0.00	5.10	1.46	5.30
10	2014/10/11				6.9	85	5.84	1.73	2.08	7.26	0.00	5.11	0.84	5.20
11	2014/11/24	12:00					5.98	2.00	2.06	7.41	0.00	6.01	1.10	5.98
12	2014/12/10	12:00			7.7	77	5.67	1.93	1.88	6.77	0.00	5.95	1.15	5.77

注)空欄欠測(採水・観測をしていないか、または観測・分析ができなかった)

付表-17. 丸山沢の渓流水質  
**MARUYAMAZAWA**

2014

2014	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na <sup>+</sup> (mg/L)	K <sup>+</sup> (mg/L)	Mg <sup>2+</sup> (mg/L)	Ca <sup>2+</sup> (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1														
2														
3														
4														
5	2014/5/21	14:44	312	9.2	7.28	36	1.60	0.72	0.79	2.58	0.00	2.07	0.55	2.27
6	2014/6/18	11:29	117	10.9	6.37	45	1.98	0.98	1.02	3.54	0.00	2.06	0.59	2.07
7	2014/7/16	13:18	91	15.0	7.43	48	2.17	1.12	1.09	3.86	0.01	2.21	0.43	2.05
8	2014/8/21	13:01	323	11.8	7.17	38	1.73	0.79	0.87	2.81	0.02	1.81	0.51	2.01
9	2014/9/17	11:17	131	10.1	7.26	46	2.01	1.01	1.04	3.58	0.03	2.21	0.40	2.01
10	2014/10/22	13:00	196	7.5	7.50	42	1.77	0.89	0.96	3.20	0.00	2.11	0.51	2.02
11	2014/11/19	13:15	156	4.2	7.13	43	1.88	0.87	1.12	3.92	0.04	2.26	0.72	2.23
12														

注)空欄欠測(採水・観測をしていないか、または観測・分析ができなかった)

付表 - 18. バケモノ沢の渓流水質

## BAKEMONOSAWA

2014

2014	採水日	採水時刻	水位 (mm)	水温 (°C)	pH <sup>s</sup>	EC <sup>s</sup> (μS/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1	2014/1/22	10:50		5.0	7.11	46	2.79	0.16	0.70	5.77		0.53	0.12	5.75
2														
3														
4	2014/4/16	12:50		9.0	7.07	45	2.76	0.23	0.72	5.76		0.49	0.57	4.45
5	2014/5/22	13:25		11.0	7.25	53	3.04	0.22	0.85	6.99		0.50	0.20	4.51
6	2014/6/18	13:30		10.2	7.01	45	2.70	0.23	0.71	5.73		0.49	0.98	3.58
7	2014/7/16	12:52		12.0	7.11	46	2.76	0.22	0.73	5.84		0.50	0.56	3.84
8	2014/8/20	13:44		14.0	7.31	51	2.94	0.25	0.79	6.67		0.47	0.63	3.84
9	2014/9/17	13:00		10.0	7.20	49	2.88	0.24	0.76	6.26		0.50	0.77	3.79
10	2014/10/22	12:15		9.5	7.35	46	2.75	0.26	0.73	5.85		0.53	0.77	3.61
11	2014/11/19	12:05		7.5	7.17	45	2.74	0.23	0.68	5.58		0.53	0.17	4.25
12	2014/12/17	11:16		6.1	7.06	43	2.80	0.18	0.65	5.45		0.58	0.14	4.57

注)空欄欠測(採水・観測をしていないか、または観測・分析ができなかった)

<sup>s</sup> pHとECについては、サントリーグループローバルイノベーションセンター(株) 水科学研究所の実験室で分析

付表 - 19. 白坂本谷の渓流水質

## SHIRASAKA HONTANI

2014

2014	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC (μS/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
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

注)空欄欠測(採水・観測をしていないか、または観測・分析ができなかった)

付表-20. 樹芸1号沢の溪流水質

JYUGEI 1GOSAWA

2014

2014	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na <sup>+</sup> (mg/L)	K <sup>+</sup> (mg/L)	Mg <sup>2+</sup> (mg/L)	Ca <sup>2+</sup> (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1	2014/1/22	15:20	41	7.2		146	6.32	1.10	8.86	9.60	0.38	17.42	0.00	89.84
2	2014/2/19	15:10	44	7.0	5.37	146	5.98	1.04	8.73	9.49	0.03	16.59	0.00	88.94
3	2014/3/19	15:15	53	10.6	5.31	140	5.92	1.14	8.23	8.99	0.07	16.96	0.00	82.65
4	2014/4/16	15:25	60	13.1	5.52	133	6.01	1.10	7.65	8.25	0.02	16.86	0.00	76.04
5	2014/5/22	14:50	64	16.0	5.56	128	5.70	1.44	7.44	7.92	0.02	16.33	0.00	73.24
6	2014/6/17	15:50	64	18.1	5.56	126	5.80	1.32	7.15	7.52	0.01	12.71	0.09	55.24
7	2014/7/16	15:40	52	21.4	5.23	132	5.96	1.27	7.29	7.81	0.09	12.32	0.44	58.28
8	2014/8/20	15:30	41	23.3	5.09	133	6.23	1.34	7.35	7.90	0.11	12.81	0.11	60.33
9	2014/9/18	15:45	45	19.4	4.89	138	5.94	1.42	7.60	8.78	0.08	12.24	0.10	63.67
10	2014/10/21	15:05	60	17.2	5.04	133	5.74	1.29	7.39	8.15	0.04	12.78	0.11	58.96
11	2014/11/19	15:25	50	12.5	5.05	132	5.84	1.17	7.88	8.55	0.05	12.65	0.09	63.47
12	2014/12/17	13:40	56	7.2	5.16	130	5.63	1.06	7.52	8.04	0.05	13.46	0.63	57.04

注)空欄欠測(採水・観測をしていないか、または観測・分析ができなかった)

付表-21. 樹芸2号沢の溪流水質

JYUGEI 2GOSAWA

2014

2014	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na <sup>+</sup> (mg/L)	K <sup>+</sup> (mg/L)	Mg <sup>2+</sup> (mg/L)	Ca <sup>2+</sup> (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1	2014/1/22	14:25	57	8.5		124	5.76	0.61	5.12	10.84	0.06	13.98	0.00	55.98
2	2014/2/19	14:25	57	8.2	7.38	129	5.75	0.62	5.16	11.03	0.02	14.05	0.00	55.84
3	2014/3/19	14:10	86	11.8	7.19	105	5.19	0.63	3.94	7.89	0.08	14.53	0.00	39.70
4	2014/4/16	14:35	80	13.1	7.16	115	5.46	0.60	4.40	8.62	0.17	14.49	0.00	45.66
5	2014/5/22	14:10	93	15.6	7.21	104	5.26	0.65	4.06	8.08	0.04	14.19	1.28	40.06
6	2014/6/17	15:05	80	16.6	7.05	107	5.39	0.59	4.26	8.14	0.01	11.27	0.10	33.31
7	2014/7/16	14:35	65	19.8	7.16	122	5.70	0.69	4.79	9.87	0.07	10.47	0.53	39.61
8	2014/8/20	14:50	54	21.8	7.26	126	5.90	0.72	4.93	10.57	0.08	10.36	0.56	41.72
9	2014/9/18	15:00	60	18.9	7.13	124	5.77	0.70	4.95	10.46	0.06	10.33	0.68	41.80
10	2014/10/21	13:45	80	16.8	7.14	110	5.42	0.68	4.47	8.88	0.04	11.14	0.53	35.30
11	2014/11/19	13:55	65	13.0	7.18	120	5.59	0.57	4.89	9.83	0.05	10.57	0.45	40.95
12	2014/12/17	14:15	72	8.3	7.13	114	5.30	0.64	4.68	9.72	0.04	10.83	0.96	39.68

注)空欄欠測(採水・観測をしていないか、または観測・分析ができなかった)

付表 - 22. 樹芸 3 号沢の溪流水質  
JYUGEI 3GOSAWA

2014

2014	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na <sup>+</sup> (mg/L)	K <sup>+</sup> (mg/L)	Mg <sup>2+</sup> (mg/L)	Ca <sup>2+</sup> (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1	2014/1/22	14:00	20	6.8		130	5.74	0.66	6.88	5.76	0.03	16.13	0.00	73.17
2	2014/2/19	13:50	29	6.3	4.46	131	5.44	0.63	6.51	5.30	0.07	15.41	0.00	69.69
3	2014/3/19	13:35	39	11.1	4.59	105	5.19	0.44	5.08	4.24	0.10	15.15	0.00	51.53
4	2014/4/16	13:50	36	13.1	4.52	115	5.51	0.44	5.72	4.67	0.19	15.64	0.00	57.65
5	2014/5/22	13:40	44	15.3	4.52	99	4.85	0.45	4.56	3.66	0.02	15.28	0.00	45.85
6	2014/6/17	14:25	37	17.2	4.44	107	5.27	0.31	5.11	3.91	0.06	11.87	0.00	40.95
7	2014/7/16	14:05	25	21.0	4.22	119	5.35	0.35	5.38	4.18	0.09	11.83	0.00	46.36
8	2014/8/20	13:55	18	23.2	4.10	126	5.60	0.54	5.33	4.14	0.10	12.33	0.00	48.30
9	2014/9/18	14:15	20	19.2	4.19	119	5.40	0.53	5.56	4.61	0.07	11.86	0.00	48.38
10	2014/10/21	14:25	38	17.1	4.43	109	5.17	0.61	5.01	4.34	0.09	11.74	0.00	40.01
11	2014/11/19	14:35	26	11.7	4.44	122	5.54	0.58	6.24	5.22	0.06	12.01	0.00	50.60
12	2014/12/17	14:50	34	6.2	4.60	114	4.84	0.71	5.46	5.90	0.06	11.65	0.00	41.52

注)空欄欠測(採水・観測をしていないか、または観測・分析ができなかった)



付表-23. トウバク 沢流域の渓流水質 (修正版)

TOUBAKUSAWA

2005 / 2006

2005	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC (μS/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
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	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC (μS/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
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

\* 一部の部分が修正された

付表-23. トウバク 沢流域の渓流水質 (修正版) (つづき)

## TOUBAKUSAWA

2007 / 2008

2007	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
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	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
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

\* の部分が修正された

付表-23. トウバクケ沢流域の渓流水質(修正版)(つづき)

## TOUBAKUSAWA

2009 / 2010

2009	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
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	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
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

\* の部分が修正された

付表 - 24. 白坂南谷の溪流水質 (修正版)

## SHIRASAKA (MINAMITANI)

2007 / 2008

2007	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1	2007/1/17	13:25	58	7.0	6.55	35	4.77	0.70	0.42	3.02		2.71	0.64	4.84
2	2007/2/21	9:10	55	5.0	6.60	39	5.30	0.72	0.42	3.08		2.80	0.63	5.24
3	2007/3/20	9:25	51	4.0	6.49	51	5.26	0.74	0.42	3.10		2.80	0.52	5.35
4	2007/4/18	9:07	56	6.5	6.69	54	5.33	0.92	0.35			2.68	0.45	5.31
5	2007/5/16	8:56	54	11.8	6.80	47	5.44	1.06	0.31			2.73	0.27	4.90
6	2007/6/20	8:55	54	18.0	6.06	54	6.74	0.56	0.54	3.49		2.74	0.18	4.25
7	2007/7/18	8:57	106	18.2	6.73	40	5.70	0.56	0.45	2.75		2.29	0.82	4.53
8	2007/8/15	9:35	69	21.2	6.83	54	6.76	0.71	0.57	3.32		2.88	0.25	3.67
9	2007/9/19	14:40	92	21.2	6.70	64	6.96	0.72	0.54	3.61		2.49	0.55	3.74
10	2007/10/17	9:00	66	15.0	6.82	60	6.97	0.70	0.52	3.41		2.73	0.27	3.43
11	2007/11/21	9:10	52	7.2	6.43	47	3.45	0.67	0.40	2.94		2.38	0.16	3.34
12	2007/12/19	13:21	51	5.2	6.43	46	3.34	0.66	0.44	3.11		2.52	0.00	3.66

2008	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
1	2008/1/16	8:47	52	3.3	6.42	56	3.47	0.63	0.42	3.08		2.44	0.39	4.14
2	2008/2/20	13:07	51	2.6	6.55	45	3.34	0.56	0.41	3.13		2.53	0.54	4.63
3	2008/3/19	9:05	51	7.3	6.70	56	3.70	0.72	0.38	3.27		2.51	0.44	4.84
4														
5														
6														
7	2008/7/15	8:58	65	20.0	6.32	58	4.47	0.79	0.39	3.87		2.17	0.25	3.32
8	2008/8/20	10:17	56	21.5	6.23	50	4.96	0.81	0.41	3.97		2.15	0.94	2.58
9	2008/9/24	10:24	64	19.0	6.33	46	5.33	0.73	0.41	3.33		2.12	0.43	2.90
10	2008/10/21	9:05	53	15.0	6.31	44	5.35	0.70	0.41	3.57		2.14	0.18	2.97
11	2008/11/18	9:10	52	11.0	6.20	48	5.53	0.66	0.39	3.14		2.28	0.00	3.18
12	2008/12/16	8:45	56	6.0	6.15	44	4.68	0.50	0.38	2.90		2.26	0.27	3.79

\* の部分が修正された

付表 - 25. 東郷ダムの日降水量と丸山沢の日流出量 (修正版)

MARUYAMAZAWA 2011 unit: mm/day n/a : data not available

annual precipitation: n/a

annual runoff: n/a

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	n/a	0.6	n/a	0.4	n/a	0.4	n/a	1.7	n/a	11.0	n/a	n/a	1.3	0.8	1.2	6.5	1.4	8.5	2.6	8.5	2.6	1.9	1.3	
2	n/a	0.6	n/a	0.4	n/a	0.4	n/a	1.8	n/a	11.3	n/a	n/a	1.2	0.8	1.3	80.0	9.2	11.5	2.4	11.5	2.4	1.8	1.2	
3	n/a	0.6	n/a	0.4	n/a	0.4	n/a	1.3	n/a	9.7	n/a	n/a	1.2	0.8	1.2	47.0	15.2	5.0	2.5	5.0	2.5	1.7	1.2	
4	n/a	0.6	n/a	0.4	n/a	0.4	n/a	1.1	n/a	9.1	n/a	n/a	1.3	12.5	1.0	76.0	19.1	2.3	2.3	2.3	1.5	73.5	1.3	
5	n/a	0.6	n/a	0.4	n/a	0.4	n/a	1.3	n/a	6.9	n/a	n/a	1.3	0.8	1.2	35.5	14.7	n/a	n/a	n/a	0.5	1.4	1.2	
6	n/a	0.5	n/a	0.4	n/a	0.4	n/a	2.6	n/a	6.0	n/a	n/a	1.2	0.8	1.2	23.0	14.7	0.5	n/a	n/a	1.4	0.5	1.1	
7	n/a	0.5	n/a	0.4	n/a	0.4	n/a	3.5	n/a	5.9	n/a	n/a	1.1	0.7	1.3	4.5	14.2	25.5	n/a	n/a	1.3	1.3	1.1	
8	n/a	0.5	n/a	0.4	n/a	0.4	n/a	6.9	n/a	9.1	n/a	n/a	1.1	2.0	0.8	1.3	10.7	n/a	n/a	n/a	1.3	1.3	1.0	
9	n/a	0.5	n/a	0.4	n/a	0.4	n/a	5.8	n/a	8.8	n/a	n/a	1.0	2.5	0.7	1.3	8.2	n/a	n/a	n/a	1.2	1.2	0.9	
10	n/a	0.5	n/a	0.4	n/a	0.4	n/a	5.5	n/a	7.6	n/a	n/a	1.1	33.0	2.3	8.0	1.4	6.2	14.5	n/a	1.1	1.1	0.9	
11	n/a	0.5	n/a	0.4	n/a	0.4	n/a	5.8	n/a	6.3	n/a	n/a	1.0	1.1	0.5	1.4	4.6	n/a	n/a	n/a	1.1	0.5	0.9	
12	n/a	0.5	n/a	0.4	n/a	0.4	n/a	5.5	n/a	5.3	n/a	n/a	1.0	1.0	1.3	17.5	4.9	22.0	n/a	n/a	1.0	5.0	0.9	
13	n/a	0.5	n/a	0.4	n/a	0.4	n/a	4.9	n/a	5.0	n/a	n/a	0.9	2.5	0.9	1.3	4.0	4.7	n/a	n/a	0.5	1.0	0.9	
14	n/a	0.5	n/a	0.4	n/a	0.4	n/a	4.6	n/a	4.6	n/a	n/a	1.4	87.5	5.0	79.5	2.8	1.5	4.1	n/a	n/a	2.0	1.0	0.8
15	n/a	0.5	n/a	0.4	n/a	0.4	n/a	6.4	n/a	3.9	n/a	n/a	1.1	2.5	6.4	54.5	5.5	3.6	1.5	1.5	n/a	1.0	0.9	1.0
16	n/a	0.5	n/a	0.4	n/a	0.4	n/a	9.2	n/a	3.4	n/a	n/a	1.1	22.0	5.8	79.0	23.5	1.5	3.3	1.5	n/a	4.0	0.9	0.8
17	n/a	0.5	n/a	0.4	n/a	0.4	n/a	10.6	n/a	3.2	n/a	n/a	1.0	10.0	6.7	18.5	24.9	3.0	3.0	3.0	n/a	n/a	0.8	0.8
18	n/a	0.5	n/a	0.4	n/a	0.4	n/a	8.6	n/a	2.8	n/a	n/a	0.9	0.5	6.5	0.5	13.1	2.5	3.0	n/a	n/a	0.5	0.8	
19	n/a	0.5	n/a	0.4	n/a	0.4	n/a	6.7	n/a	2.5	n/a	n/a	0.9	5.4	8.8	0.5	2.8	2.8	n/a	n/a	12.0	1.7	0.7	
20	n/a	0.5	n/a	0.4	n/a	0.4	n/a	6.0	n/a	2.4	n/a	n/a	0.9	4.4	6.0	0.5	2.4	2.4	1.8	n/a	1.8	2.1	0.7	
21	n/a	0.4	n/a	0.4	n/a	0.4	n/a	5.5	n/a	2.6	n/a	n/a	0.8	3.6	2.5	4.6	12.0	2.2	1.6	3.0	1.5	1.5	0.7	
22	n/a	0.4	n/a	0.4	n/a	0.4	n/a	4.9	n/a	2.3	n/a	n/a	1.0	2.9	3.6	36.0	6.8	20.0	1.8	1.6	3.0	1.2	1.0	0.7
23	n/a	0.4	n/a	0.4	n/a	0.4	n/a	5.3	n/a	2.1	n/a	n/a	1.0	2.5	3.5	3.1	4.5	8.0	3.2	0.5	1.1	5.0	0.7	
24	n/a	0.4	n/a	0.4	n/a	0.4	n/a	12.2	n/a	1.9	n/a	n/a	2.0	2.1	1.5	2.7	6.0	4.8	2.6	8.0	1.7	1.7	0.7	
25	n/a	0.4	n/a	0.8	n/a	0.4	n/a	11.8	n/a	1.9	n/a	n/a	1.2	1.9	2.5	2.4	4.2	10.0	3.0	2.6	8.0	1.5	0.7	
26	n/a	0.4	n/a	0.5	n/a	0.4	n/a	10.2	n/a	1.7	n/a	n/a	1.0	1.7	3.5	2.2	3.8	3.1	3.1	2.0	1.3	0.5	0.7	
27	n/a	0.4	n/a	0.5	n/a	0.4	n/a	9.8	n/a	1.6	n/a	n/a	0.9	18.0	1.6	1.9	3.3	3.3	2.8	5.0	1.4	1.4	0.7	
28	n/a	0.4	n/a	0.4	n/a	0.4	n/a	13.3	n/a	1.6	n/a	n/a	0.5	0.9	1.7	1.7	2.9	2.5	2.5	0.5	1.5	0.6	0.6	
29	n/a	0.4	n/a	0.5	n/a	0.4	n/a	11.8	n/a	1.5	n/a	n/a	0.9	1.4	1.6	1.6	2.6	2.4	2.4	0.5	1.5	0.5	0.6	
30	n/a	0.4	n/a	0.8	n/a	0.4	n/a	10.3	n/a	1.4	n/a	n/a	0.9	1.3	1.5	9.0	2.6	2.6	2.2	2.2	1.5	2.0	0.6	
31	n/a	0.4	n/a	1.2	n/a	1.2	n/a	1.3	n/a	1.3	n/a	n/a	0.9	1.2	2.0	1.4	2.1	2.1	2.1	2.1	2.1	1.5	2.0	0.6
total	n/a	14.9	n/a	11.8	n/a	13.7	n/a	194.9	n/a	144.7	n/a	n/a	32.9	193.0	74.5	256.0	127.9	310.5	188.7	131.5	n/a	40.0	40.1	26.7

\* の部分が修正された

付表 - 26. 白坂本谷の溪流水質 (修正版)

## SHIRASAKA HONTANI

2012

2012	採水日	採水時刻	水位 (mm)	水温 (°C)	pH	EC ( $\mu$ S/cm)	Na (mg/L)	K (mg/L)	Mg (mg/L)	Ca (mg/L)	NH <sub>4</sub> <sup>+</sup> (mg/L)	Cl <sup>-</sup> (mg/L)	NO <sub>3</sub> <sup>-</sup> (mg/L)	SO <sub>4</sub> <sup>2-</sup> (mg/L)
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	0.86	4.08

\* ■■■ の部分が修正された