

袋山沢A流域の日降水量と日流出量

FUKUROYAMASAWA A 2003

unit: mm/day

annual precipitation: 2896.1

annual runoff: 1459.9

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	2.1	0.1		0.6	151.0	62.7		0.1		0.1	3.7	14.6	10.1	0.1	2.7	5.1		0.2		0.1		0.6	32.0	14.8	
2	0.5	0.1		0.4	2.6	51.7	22.6	0.4		0.1		2.0	3.4	0.4		1.9		0.2		0.1		0.5	3.5	14.3	
3	65.7	6.2		0.3	9.0	2.9	1.7	1.1	0.6	0.1		1.0	4.2	0.1		1.0		0.1		0.0	8.0	0.4	4.5	3.8	
4	22.3	39.0		0.3		1.7	1.1	0.3		0.1	18.3	0.9	62.6	27.2		0.7		0.1		0.0	0.6	0.4	0.5	2.1	
5		2.3		0.2		0.9	76.3	27.6		0.0		2.4		1.5		0.4		0.1		0.0	1.6	0.2	1.0	1.4	
6		1.1		0.2	7.1	0.7	1.7	8.6		0.0		0.8	15.1	2.1		0.3		0.1	14.0	0.0	67.9	33.2	3.5	1.1	
7		0.7		0.1	70.7	37.9		2.0	6.8	0.0		0.5	5.2	1.2		0.2		0.1	0.5	0.0	0.5	3.4		0.8	
8		0.5	1.7	0.1		7.6	67.8	30.1	9.2	0.1		0.4	1.6	0.9	1.1	0.2		0.1		0.0		1.8		0.5	
9		0.4	33.7	5.5		2.0	2.1	11.9	0.6	0.0		0.3		0.7	44.6	5.7		0.0		0.0	6.8	1.1		0.4	
10		0.3	2.2	0.9		1.2	1.6	2.9		0.0	0.6	0.2	9.2	0.8		2.5		0.0		0.0	11.1	1.0		0.3	
11		0.3	15.2	2.5		0.8		1.7	0.6	0.0	3.5	0.2		0.8		0.7		0.0		0.0	17.4	5.2	7.0	0.3	
12		0.2		1.4		0.6	20.9	2.0	8.0	0.1	17.5	0.5	5.4	0.5	5.4	0.5		0.0	25.6	0.9	1.1	3.3	15.5	1.6	
13		0.1		0.7		0.5	0.5	3.2		0.0	1.2	0.3	4.9	0.4	7.9	0.4		0.0	11.0	0.5	2.0	1.7		0.6	
14		0.1		0.5		0.3		1.4	2.9	0.0	2.3	0.2	36.2	14.4	50.2	7.2		0.0	32.3	3.3		1.0		0.4	
15		0.1		0.4	1.6	0.3	11.8	1.0	38.6	2.8	0.6	0.2		2.6	178.8	171.2		0.0	4.7	5.7	3.6	0.7		0.3	
16		0.1	24.2	2.3	12.6	0.3	3.2	1.4	7.5	2.5	2.3	0.1		1.1	55.3	59.3		0.0		0.7	25.5	6.1		0.2	
17		0.1		1.9	8.8	1.1		0.9		0.6	5.8	0.2		0.7	4.5	10.6		0.0		0.3		1.5	2.3	0.2	
18		0.0	6.2	0.9		0.5		0.7	2.3	0.3	2.9	0.2		0.5	0.5	4.2	8.2	0.0	10.3	0.3		0.8		0.1	
19	11.2	0.1		0.7	2.2	0.4	0.6	0.5	11.5	1.0		0.1		0.4		2.2		0.0	0.5	0.3	1.0	0.6		0.1	
20	0.5	0.1	2.1	0.5		0.3	10.7	0.4	17.9	1.4		0.1	1.1	0.3	1.6	1.4	29.1	0.5		0.2	24.2	1.1	0.8	0.1	
21	1.6	0.0		0.4		0.3	3.1	0.3	0.6	3.1		0.1	21.2	1.2		1.1	101.7	28.7	0.5	0.1	28.2	25.3		0.1	
22		0.0	1.1	0.3	4.4	0.3		0.3		0.7	6.6	0.1		0.7		0.8	26.1	18.4	48.6	10.6		2.6		0.1	
23	30.9	3.3	2.1	0.3		0.2	2.5	0.2		0.4	8.8	0.2	6.9	0.4		0.6		1.3	1.0	5.0		1.2		0.1	
24		1.4	6.9	0.4		0.2	6.8	0.3		0.3	8.3	0.2	60.0	35.4		0.4	16.9	1.1		1.2		0.8		0.1	
25		0.4	8.5	0.5	26.3	2.0	1.2	0.2		0.2	7.7	0.5		3.8		0.3	2.0	1.4	1.6	0.6	156.6	129.4		0.1	
26		0.2		0.4	3.8	1.5	1.8	0.2	5.9	0.1	0.6	0.2	3.7	1.8		0.2	0.5	0.8		0.5		12.4		0.1	
27	114.4	53.6		0.3	2.8	0.6		0.1	0.8	0.1		0.1		1.0	30.4	2.6		0.5		0.3		2.8		0.1	
28	0.5	22.1		0.1		0.4		0.1		0.0	7.9	0.1		0.7		0.6		0.3	50.2	12.5	1.5	1.6		0.0	
29		2.5				0.2		0.1		0.0	0.6	0.1	11.7	0.8		0.3		0.2	0.5	6.5	28.0	2.4		0.0	
30		1.2				0.1	3.7	0.1		0.0		0.1	45.2	28.0		0.3		0.2		1.5	113.1	108.6		0.0	
31		0.8				0.1			115.2	49.4			23.9	12.8		0.2				0.8					0.0
total	249.7	137.4	103.9	23.1	302.9	180.3	241.7	100.1	229.0	63.5	99.2	26.9	331.6	143.3	383.0	283.1	184.5	54.4	201.3	52.0	498.7	351.7	70.6	44.1	

袋山沢A流域の日降水量と日流出量

FUKUROYAMASAWA A 2004

unit: mm/day

annual precipitation: 2595.3

annual runoff: 1232.6

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		0.0		0.0	7.1	0.0	0.6	1.2		0.2	47.3	7.1		0.1		0.0		0.3		1.2	17.4	9.8		0.2
2		0.0	16.2	0.1	8.6	0.0	20.9	3.4		0.1		1.5		0.1		0.0		0.1		0.6		5.4		0.2
3		0.0		0.1		0.0		1.3	3.6	0.1		0.6		0.1		0.0		0.0	34.7	4.2		2.3		0.1
4		0.0		0.0		0.0	14.0	0.6	5.2	0.1		0.4		0.1		0.0	52.7	2.0	10.1	10.2		1.3	12.9	0.2
5		0.0	0.6	0.0		0.0	0.5	1.1	13.0	0.4		0.3		0.1	1.0	0.0	23.5	20.9	86.5	78.2		0.8	48.9	21.1
6		0.0		0.0	4.4	0.0		0.5		0.2	34.0	2.7		0.1		0.0		1.8	1.9	17.1		0.6		4.2
7		0.0		0.0		0.0		0.3		0.1	33.5	15.8		0.1		0.0	12.0	0.6		2.8		0.4		3.4
8		0.0		0.0		0.0	1.7	0.3		0.1		4.2		0.0		0.0	3.1	0.3	150.3	31.2		0.3		2.0
9		0.0		0.0		0.0		0.3	13.5	0.1	50.1	9.0		0.0		0.0	17.0	0.2	165.7	283.6		0.2		0.4
10		0.0		0.0		0.0		0.2	12.9	1.3	0.5	22.2	1.0	0.0		0.0	0.5	0.2		11.8		0.2	0.5	0.3
11		0.0		0.0		0.0		0.1		0.7	28.1	3.0		0.0		0.0		0.2	6.7	3.6	7.2	0.2		0.2
12	0.9	0.0		0.0	6.1	0.0		0.1		0.2	2.0	14.7		0.0		0.0		0.2	14.9	3.7	133.0	85.9	0.5	0.2
13	10.4	0.1	2.9	0.0		0.0		0.1	0.5	0.1	8.7	3.4		0.0		0.0		0.2	39.5	34.7		4.7	0.5	0.2
14		0.0	2.9	0.0		0.0	10.4	0.1	17.7	1.7		1.8		0.0		0.0		0.2		7.9	3.9	1.9		0.1
15		0.0		0.0		0.0		0.2		0.4		1.1		0.0	15.2	0.0		0.1		3.1	34.5	12.7	24.2	1.0
16		0.0		0.0		0.0		0.1	12.8	1.0		0.7		0.0		0.0		0.0		2.0		3.7		0.5
17	4.0	0.0		0.0		0.0		0.1		0.5		0.5		0.0	2.4	0.0		0.0		1.3		1.7		0.2
18	3.0	0.0		0.0	24.3	0.4		0.0	1.0	0.3		0.4	0.4	0.0		0.0		0.0		0.8	42.1	5.4		0.1
19	9.5	0.1		0.0	0.5	0.1	5.7	0.0	39.2	2.5		0.3		0.0		0.0		0.0		35.3	1.6	10.0	17.6	3.3
20		0.0		0.0	26.9	1.9	39.1	7.3	16.5	10.4		0.2		0.0		0.0		0.0		122.1	63.5	2.0	4.2	0.1
21	2.5	0.0		0.0		0.4		0.6	45.9	38.6	21.5	0.4		0.0		0.0		0.0		6.6	33.1		2.2	0.1
22		0.0	24.5	0.0	38.0	6.1		0.2	0.5	3.5		0.5		0.0		0.0		0.0		3.4		1.3		0.1
23		0.0	5.5	0.5	0.5	2.2		0.2	5.7	1.7		0.2		0.0	15.5	0.0		0.0		1.4		1.0		0.1
24		0.0		0.0	2.5	0.4		0.1		1.2		0.2		0.0	6.2	0.1	11.9	0.0		0.8		0.6		0.0
25		0.0		0.0	7.5	0.3		0.1		0.6	13.8	0.2		0.0		0.0	59.0	15.1		0.6		0.4	0.5	0.0
26		0.0		0.0	7.5	2.5		0.1		0.3	1.1	0.2	1.2	0.0		0.0	0.5	1.2	13.6	0.8		0.4		0.0
27		0.0		0.0		0.6	69.6	13.4		0.3		0.1		0.0		0.0	5.4	0.4	0.5	0.7	12.9	0.8		0.0
28		0.0		0.0		0.2		4.9		0.3		0.2	38.4	0.1	23.7	0.1		0.3		0.4		0.3		0.0
29		0.0	2.2	0.0		0.1		0.8		0.2		0.2	35.5	2.4	87.0	17.6	34.1	6.4		0.3		0.3	16.3	0.1
30		0.0			75.4	16.5		0.4	0.5	0.2		0.2	7.2	0.1	2.1	1.9	36.3	21.5	33.8	2.1		0.2	0.5	0.1
31		0.0			3.8	39.2			1.6	0.1			10.5	0.1	15.9	2.9			62.1	52.7			29.3	3.2
total	30.3	0.2	54.8	0.7	213.1	70.9	162.5	38.1	190.1	67.5	240.6	92.3	94.2	3.4	169.0	22.6	256.0	72.2	784.3	659.4	263.0	166.8	137.4	38.5

袋山沢A流域の日降水量と日流出量

FUKUROYAMASAWA A 2005

unit: mm/day

annual precipitation: 2121.5

annual runoff:

876.4

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		0.0		0.2		0.4		0.2		2.3	13.6	1.0		0.5		0.3		0.1		0.1		0.0
2		0.3		0.0		0.1		0.3	30.3	4.3	14.5	1.0	0.6	1.1		0.4		0.3		0.1		0.1		0.0
3		0.2		0.0	6.1	0.1		0.2		0.9	28.0	16.0	2.8	0.6		0.3		0.3		0.0		0.1		0.0
4	4.3	0.1		0.0	7.4	0.6	17.4	0.7		0.5	0.5	2.5	33.4	7.1		0.3		0.4		0.0		0.1	7.4	0.0
5		0.1		0.0	14.1	1.9		0.3		0.4		1.1	1.1	3.2		0.2	63.8	10.5	24.0	0.5		0.1	1.5	0.0
6	5.7	0.1		0.0		1.6		0.2	15.2	0.4		0.7	8.5	1.6		0.2	9.4	17.0	7.5	1.0	36.0	1.0		0.0
7		0.2	0.5	0.0		0.8		0.1	7.6	1.6		0.5	2.3	1.1		0.2	8.2	2.6	8.0	0.4	10.9	6.7		0.0
8		0.1	13.3	0.1		0.5		0.1		0.6		0.4		0.7		0.2		1.0	23.4	5.7		0.7		0.0
9		0.0		0.0		0.3		0.0		0.4		0.3	21.5	0.6	15.6	0.3		0.7	29.8	4.3		0.4		0.0
10		0.0	11.7	0.3		0.2		0.1		0.2	27.4	1.3	86.7	73.3		0.1		0.5	12.3	7.2		0.2		0.0
11		0.0		0.1	24.2	1.7	54.9	6.7		0.1	2.7	1.4		3.4		0.1	0.6	0.4	0.5	2.4		0.2		0.0
12	0.5	0.0		0.0		1.6	7.7	7.3		0.1		0.6		1.8	3.6	0.1	1.1	0.4	0.5	1.1	29.9	0.4		0.0
13		0.0		0.0		0.5	3.1	2.4		0.1		0.3		0.9	0.6	0.1		0.3		0.7		0.2		0.0
14		0.0		0.0		0.4		1.2		0.1	0.5	0.3	2.2	0.5		0.1		0.3		0.5		0.2		0.0
15	37.9	0.7		0.0		0.3		0.7	4.3	0.1	35.9	6.4		0.4		0.1		0.3	1.1	0.4		0.2		0.0
16	23.9	10.7	21.4	0.8	0.7	0.2		0.4		0.1	30.7	11.4		0.3	0.6	0.0		0.2	31.0	4.9		0.2		0.0
17		2.0	2.0	0.5	6.6	0.2		0.3		0.0		7.2		0.2		0.0		0.2	8.4	1.8		0.2		0.0
18		0.7	1.5	0.2	0.8	0.2	0.5	0.2		0.0		2.1		0.2		0.0		0.1	41.0	15.1		0.1		0.0
19		0.4	26.0	1.7		0.2	6.9	0.3	1.4	0.0		1.2		0.1		0.0		0.1	8.9	10.1		0.1		0.0
20		0.3	1.0	3.4		0.2	18.7	0.6		0.0	10.9	1.5		0.1		0.0		0.1		2.8		0.1		0.0
21		0.2		0.6		0.2	30.4	15.2		0.0		0.8		0.1		0.0		0.1	3.8	1.5	1.3	0.1		0.0
22		0.1		0.3	7.1	0.3		1.8	1.4	0.0	101.4	72.5		0.1		0.0		0.1	2.5	1.3		0.1	0.6	0.0
23	3.0	0.1		0.2	47.7	8.4		0.8		0.0	4.7	6.4	5.2	0.1		0.0	1.1	0.2		0.7		0.0		0.0
24	0.5	0.1	11.9	0.1	2.9	4.9		0.5		0.0		2.2	0.5	0.1	3.2	0.0	26.6	0.6		0.4		0.0		0.0
25	0.5	0.1	13.5	3.9		1.3	2.1	0.5		0.0		1.0	10.9	0.2	113.7	15.7	51.0	10.3		0.2		0.0		0.0
26	10.5	0.1		0.8		0.5	15.5	1.1		0.0		0.6	130.2	58.9	199.3	230.3		0.9	2.2	0.1		0.0		0.0
27		0.1		0.4		0.3		0.6		0.0		0.4		11.1		4.0		0.3	11.9	0.4		0.0		0.0
28		0.1		0.3	38.3	3.9		0.5		0.0		0.3		2.5		1.4		0.2		0.3		0.0		0.0
29	0.5	0.1				5.9		0.5		0.0	15.3	0.8		1.3		0.8		0.1	5.9	0.2	1.9	0.0		0.0
30	0.5	0.1				1.2		0.3	71.9	3.2	11.3	1.2		0.8	7.6	0.6		0.1		0.3		0.0		0.0
31		0.0				0.7			63.2	47.0				0.6	0.5	0.5			0.5	0.2				0.0
total	87.8	18.3	102.8	13.7	155.9	39.4	157.2	44.3	195.3	60.3	283.8	144.7	319.5	174.0	344.7	256.5	161.8	48.9	223.2	64.7	80.0	11.6	9.5	0.0

袋山沢A流域の日降水量と日流出量

FUKUROYAMASAWA A 2006

unit: mm/day

annual precipitation: 2779.3

annual runoff:

1447.8

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		0.0	55.8	22.0	32.9	10.7		0.1		0.9		0.3	0.8	0.2		0.2	23.3	1.0	8.7	0.5		0.3		0.9
2	7.3	0.0	0.5	7.9	0.2	15.2	22.0	0.8	6.8	0.9		0.2		0.2	0.2		0.6	22.4	4.6		0.2		0.7	
3		0.0		2.6	1.9	3.3	0.5	0.7		0.8		0.2		0.1		0.1		0.2	3.8	1.9		0.2		0.4
4		0.0		1.5		1.8	0.5	0.2		0.5		0.1		0.1		0.1		0.1	5.5	1.1		0.2		0.3
5		0.0		1.2		1.1	28.9	3.2		0.4		0.1	63.6	10.1		0.1		0.1	48.5	16.2	0.6	0.1		0.2
6		0.0		0.9	0.2	0.8		1.7		0.3		0.1	16.3	11.7		0.1	2.2	0.1	175.4	170.8	1.1	0.1		0.2
7	4.6	0.0	7.6	1.0		0.6		0.6	10.5	0.2		0.1		2.2		0.1	21.1	1.8	7.8	35.4	10.7	0.2		0.1
8		0.0		0.8		0.3		0.4	8.0	0.2		0.1		0.9	30.8	3.0	0.5	0.3		3.9		0.0	0.6	0.1
9	1.5	0.0		0.5		0.2		0.3	0.6	0.2	30.1	1.5		0.6	46.6	32.4		0.2		1.8		0.0	16.2	0.4
10	3.6	0.0		0.4	10.5	0.5	0.5	0.2	7.4	0.5		0.4		0.4		4.0		0.1		1.1		0.0	1.1	0.4
11		0.0		0.4		0.3	22.7	0.4	15.4	1.4	18.9	1.1		0.3		1.4		0.1		0.6	16.0	0.3		0.2
12		0.0		0.4		0.3	215.8	226.5		0.9	0.6	0.9		0.2	12.2	1.4	7.0	0.1		0.5		0.5	10.0	0.4
13		0.0		0.2		0.2		4.6	24.7	2.0	2.4	0.4		0.2		0.9	5.4	0.1		0.5		0.1	2.9	0.4
14	127.5	41.4		0.2		0.2		1.5	4.3	3.9		0.3		0.1		0.6	4.9	0.2		0.3	1.0	0.1	10.2	0.4
15		3.9		0.2		0.1		0.8		1.1	7.4	0.2		0.1	9.4	0.5		0.1		0.3		0.1	9.7	3.4
16	2.1	0.4	14.1	0.5	44.1	1.5	5.3	0.7		0.5	55.8	28.0		0.1	8.9	0.6		0.1		0.2		0.0		1.0
17	0.5	0.2	0.5	0.4	1.0	8.6	0.7	0.5	1.8	0.3	10.8	3.6	10.7	0.1	15.0	0.7	3.8	0.0		0.2		0.0	2.7	0.6
18		0.1		0.2	7.3	0.9		0.4	13.2	0.2	15.9	7.0	40.8	5.8		1.1	15.1	0.4		0.1	0.5	0.0		0.3
19		0.1		0.1	5.7	1.0	1.6	0.2	5.4	0.3	0.6	3.3	61.7	32.7	1.7	0.5		0.2		0.1	45.4	3.0		0.2
20		0.1	37.4	4.1		0.6	12.4	0.6	21.6	5.0		1.8	0.5	5.1	3.9	0.4		0.0		0.2	46.9	26.6		0.2
21	4.7	0.4		4.4		0.3	0.5	0.4		1.7		1.0	10.3	2.4		0.3		0.0		0.1	0.5	1.9		0.2
22	9.4	0.6		1.1	10.5	0.2	0.5	0.2		0.6		0.8	1.1	1.8		0.2		0.0	19.9	0.4		0.8		0.1
23	5.2	0.8		1.0	24.7	9.0	3.2	0.1	1.2	0.3	1.4	0.6	29.7	12.7		0.1		0.0	35.1	3.3	11.3	0.8		0.1
24	11.0	0.7	11.0	1.0	0.5	2.5	0.5	0.1	0.6	0.2		0.5	1.1	3.6		0.1		0.0	56.1	33.4	7.7	2.6		0.1
25	4.2	0.7	0.4	1.8		1.1	9.7	0.5		0.1		0.5	1.6	1.9		0.1		0.0	0.6	2.5		1.2	2.6	0.1
26	1.0	0.7	58.2	40.9	2.6	0.9	0.0	0.4		0.0	7.8	0.5		1.2	13.8	0.5	89.2	9.3		1.4	23.6	3.1	225.2	142.8
27		0.6	0.4	12.7		0.6	11.4	1.0	35.0	0.6		0.3		0.8		0.2	88.6	91.5		0.9	34.9	27.9	39.9	74.5
28		0.7		3.0	1.6	0.5	2.2	1.5	40.7	25.5		0.2		0.6		0.1		4.3	2.9	0.6		3.6		4.5
29		0.6			2.6	0.4	4.9	1.1	1.7	2.6		0.1	0.4	0.5		0.1		1.4	9.3	1.0		2.0		2.3
30		0.5			0.5	0.3	0.5	1.1		0.7		0.2	0.4	0.4	4.7	0.1		0.8		0.5	0.5	1.2		1.4
31	4.2	0.7				0.2				0.4				0.3		0.1				0.4				1.0
total	186.8	53.2	185.9	111.4	146.8	64.2	344.3	250.8	198.9	53.2	151.7	54.4	239.0	97.4	147.0	50.3	261.1	113.1	396.0	284.8	200.7	77.1	321.1	237.9

袋山沢A流域の日降水量と日流出量

FUKUROYAMASAWA A 2007

unit: mm/day

annual precipitation: 2088.5

annual runoff:

738.4

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	0.8		0.1		0.2	0.6	0.1	11.9	0.2		0.2	1.6	0.0		0.4		0.0	9.2	2.2	0.5	0.4		0.0
2	1.7	0.7		0.1		0.1	0.6	0.1	21.6	6.2		0.2	5.4	0.0	1.3	0.3		0.0	1.1	1.1	5.2	0.3		0.0
3	7.2	0.7		0.0		0.1	25.9	0.9		1.0		0.1		0.0	1.9	0.3		0.0		0.5		0.2	17.0	0.3
4		0.5		0.0		0.1	2.9	0.7		0.6		0.1	8.8	0.0		0.2	0.6	0.0		0.3		0.1		0.0
5		0.4		0.0	19.4	0.4		0.3		0.5		0.1	3.1	0.1		0.2	14.1	0.0	0.5	0.2	1.0	0.1		0.0
6	54.0	16.9		0.0	1.6	0.7		0.1	45.1	12.2		0.1		0.0		0.2	63.3	4.0		0.1	0.5	0.1		0.0
7		4.8		0.0		0.2	5.9	0.1		4.1		0.1	9.7	0.1		0.1	91.0	52.7		0.1		0.0		0.0
8	0.5	1.6		0.0		0.1	2.4	0.2		1.1		0.1		0.4		0.0		1.1	21.9	1.3		0.0		0.0
9		0.9		0.0		0.1	4.7	0.4		0.7	0.5	0.1		0.0		0.0		0.6	0.5	0.3	8.3	0.0		0.0
10		0.7		0.0		0.1		0.4	31.8	4.2	13.3	0.2	3.6	0.0		0.0	2.1	0.4		0.1	31.8	2.4		0.0
11		0.6		0.0	44.1	9.7		0.1		4.5	14.3	0.6	71.6	18.7		0.0	21.2	0.8		0.1	3.1	1.0	0.4	0.0
12		0.5		0.0		1.0		0.1		1.0		0.1	10.7	1.4		0.0	102.5	62.6			0.3	0.9		0.0
13		0.4		0.0		0.4		0.1		0.7		0.0	2.6	0.9		0.0		3.6		0.0		0.1	4.4	0.0
14		0.3	20.7	0.3		0.2	21.5	1.7		0.5	25.8	0.7	149.9	88.6		0.0		1.4		0.0		0.1		0.0
15		0.2		0.1		0.1		0.2		0.5	3.7	3.1	91.6	106.7		0.0		0.8	0.5	0.0		0.1		0.0
16		0.2		0.0	2.4	0.1	13.5	0.3		0.3		0.4		6.3		0.0		0.5	1.0	0.0		0.0		0.0
17	4.3	0.2	1.6	0.0	0.8	0.1	18.3	5.1	23.4	1.0		0.2	22.5	6.3		0.0		0.4		0.0		0.0		0.0
18		0.1	32.9	3.9	0.8	0.1	19.9	1.8		0.5		0.1	3.6	3.8		0.0		0.3		0.0		0.0		0.0
19		0.1		0.5		0.1	16.7	11.5		0.3		0.1		1.6		0.0		0.2	27.5	0.6	5.7	0.0		0.0
20		0.1	4.2	0.2		0.1		1.5		0.3		0.0		0.8		0.0		0.2		0.9	9.3	0.1		0.0
21	2.3	0.1		0.2		0.0		0.6		0.2		0.0	6.3	0.6		0.0		0.1		0.0		0.0		0.0
22	7.4	0.1	0.5	0.1		0.0		0.5		0.1	13.6	0.1	26.8	7.8		0.0		0.2		0.0		0.0	9.3	0.0
23		0.1	31.3	5.3		0.0	1.1	0.3		0.1	1.6	0.1		2.8	3.0	0.0		0.2		0.0		0.0	23.5	5.1
24		0.0		1.1		0.0	3.2	0.2		0.1	4.9	0.1		1.3		0.0		0.2		0.0		0.0	0.4	0.7
25		0.0		0.3	59.0	11.4	29.6	6.3	85.2	24.0	2.7	0.1		1.0	3.6	0.0		0.2		0.0		0.0		0.0
26	6.4	0.1		0.1		1.1	0.5	1.5		10.1		0.1		0.6		0.0		0.1	18.2	0.3		0.0		0.0
27	1.6	0.2		0.1	0.6	0.3		0.6		1.3	0.5	0.0		0.6		0.0	18.4	0.4	161.5	93.2		0.0		0.0
28		0.1	11.7	0.6	1.2	0.2	3.2	0.4		0.6		0.0		0.5		0.0		0.2		12.1	3.1	0.0	7.5	0.0
29		0.1				0.2		0.3		0.4		0.0		0.3	6.2	0.0	6.5	0.1		1.7	2.1	0.0	58.7	20.0
30		0.1			14.7	0.5		0.2	17.3	1.1	0.5	0.0	24.2	1.1		0.0	48.7	8.0		0.8	0.5	0.0		1.2
31		0.1				0.2			1.0	0.4			1.6	0.6	0.6	0.0			1.6	0.5				0.4
total	86.5	31.7	102.9	13.0	144.6	27.9	170.5	36.6	237.3	78.8	81.4	7.1	443.6	252.9	16.6	1.7	368.4	139.3	243.5	116.4	71.1	5.3	122.1	27.7

袋山沢A流域の日降水量と日流出量

FUKUROYAMASAWA A 2008

unit: mm/day

n/a : data not available

annual precipitation: n/a

annual runoff:

1077.9

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		0.1		0.0		0.0		2.3		0.7		4.7		2.5		0.0		0.6	13.3	6.1		0.1	7.1	0.2
2		0.1		0.0		0.0		0.8	22.8	0.8	15.5	2.5		1.3		0.0		0.3		1.0		0.1	21.9	6.2
3		0.0	4.2	0.2	2.8	0.0		0.5	32.4	14.7	38.3	27.3		0.8		0.0		0.2		0.3		0.1		1.6
4		0.0	24.3	2.2		0.0		0.3	3.5	2.6	3.3	10.1	4.5	0.7		0.0		0.2		0.2		0.0		0.6
5		0.0	8.5	1.4		0.0		0.2	0.5	1.5	5.7	3.2		0.5	11.9	0.0		0.2	14.5	0.3		0.0	n/a	1.3
6		0.0	2.6	0.8		0.0		0.1		0.8	2.0	2.1		0.4		0.0		0.0	23.5	7.0		0.0		1.1
7	7.2	0.1	8.5	1.1		0.0	9.3	0.1		0.5		1.2	1.0	0.4		0.0		0.0		1.3	5.6	0.1		0.4
8		0.1		1.0		0.0	138.7	81.3		0.3	14.5	1.6		0.2		0.0		0.0		24.9	3.6	0.0		0.3
9		0.0	4.8	0.6		0.0		8.8		0.2	4.8	1.3		0.2	0.5	0.0		0.0		2.5	2.6	0.0	42.2	3.2
10		0.0		0.7	20.7	0.5	21.9	4.7	23.2	0.6		1.0		0.1		0.0		0.0		1.1	3.1	0.0	6.8	16.0
11		0.0		0.4		0.7	9.8	9.1	9.6	1.7		0.9		0.1	8.1	0.0		0.0	24.7	1.0	2.7	0.0		1.9
12	12.4	0.2	13.8	1.7		0.3		2.3	13.6	0.4	23.6	4.9		0.1		0.0		0.0	14.4	0.4	2.1	0.0		1.0
13		0.1		1.2		0.0	1.1	1.3	49.3	26.3		3.4		0.1		0.0		0.0	21.1	0.3		0.0		0.5
14		0.0		0.5	35.4	1.7	7.6	1.1	17.0	8.8		2.2		0.2		0.0		0.0	33.0	0.3		0.0	20.5	2.2
15		0.0		0.3	4.1	6.1		0.7		3.0		1.7		0.1		0.0		0.0		0.7	2.1	0.0		1.0
16		0.0		0.2		1.5		0.4		1.2		1.4		0.1		0.0	11.8	0.0	8.2	0.2	4.7	0.0	0.5	0.5
17	2.9	0.0		0.2		0.1	7.6	0.3		0.7		1.2		0.0		0.0		0.0	1.5	0.1		0.0	26.2	2.3
18		0.0		0.2		0.0	72.3	39.8		0.4		0.2	1.0	0.1		0.0	10.2	0.1		0.1		0.0		4.7
19		0.0		0.1	17.7	0.3	3.6	4.6	14.7	0.8		0.1		0.1		0.0	29.5	1.0		0.1		0.0		1.1
20		0.0		0.1	53.6	15.2		1.8	101.2	79.8	19.1	0.5		0.0		0.0	58.6	23.5	13.9	0.1		0.0		0.6
21	5.7	0.0		0.0	1.1	4.1		1.0		3.4	108.0	52.8		0.1	2.0	0.0	4.1	0.6	0.5	0.0		0.0	0.5	0.4
22		0.0		0.0		0.6		0.6		1.1	98.7	86.7		0.1		0.0	25.5	5.8		0.0		0.0		0.4
23	18.7	0.5	0.6	0.0		0.3		0.4		0.6	2.6	16.9		0.0	0.5	0.0		1.0	172.1	78.8		0.0		0.3
24	0.5	0.3		0.0	25.6	4.9	53.3	9.1	21.3	0.7		2.9		0.0	1.0	0.0		0.3	45.1	58.2	33.1	0.7		0.2
25		0.1		0.0	16.4	2.8		7.9	44.2	23.8		1.4		0.0	2.4	0.0		0.2		6.7	8.6	2.1		0.3
26		0.0	9.9	0.0	0.5	6.7	11.8	2.0		3.1	11.9	1.5		0.0	2.4	0.0		0.1		1.8		0.1		0.2
27		0.0	1.8	0.1		1.1	2.6	2.3		1.2		1.0		0.0	0.5	0.0		0.1		1.0	4.6	0.0		0.1
28		0.0		0.0	3.7	0.5		1.2		0.7		0.6		0.0	0.5	0.0		0.0		0.6	60.0	21.9		0.1
29	4.0	0.0		0.0	0.5	0.3		0.7	30.6	7.0	62.0	22.5	2.5	0.0	83.0	10.4	26.0	0.9		0.4	4.6	1.2		0.0
30		0.0			13.2	0.6		0.6	6.9	3.1	2.6	11.4		0.0	67.4	14.1	17.4	2.4		0.2		0.4		0.1
31		0.0			27.5	10.2			19.6	9.2				0.0	0.5	7.9				0.2				0.0
total	51.4	1.6	79.0	13.0	222.8	58.5	339.6	186.3	410.4	199.7	412.6	269.2	9.0	8.2	180.7	32.4	183.1	37.5	385.8	195.9	137.4	26.8	n/a	48.8

袋山沢A流域の日降水量と日流出量

FUKUROYAMASAWA A 2009

unit: mm/day

annual precipitation: 2556.8

annual runoff: 955.5

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		0.1		2.5	23.7	3.9	12.7	0.2		0.3	1.4	0.9	0.5	4.2		0.3	0.5	5.1	2.8	0.0	39.3	1.8		0.4
2		0.1		0.9		2.3	10.3	1.0		0.3		0.5	1.0	2.4	1.2	0.2		0.6	25.5	0.6	7.2	9.1		0.2
3		0.0		0.6	2.1	0.7		0.2		0.2	0.5	0.4	1.8	1.0		0.1		0.3	25.5	3.4		0.7	18.6	1.2
4		0.0		0.4	14.9	1.1	1.0	0.1		0.2	2.1	0.3	3.5	0.7		0.1	0.5	0.2		0.3		0.3	0.5	1.7
5		0.0		0.3		0.9		0.1	65.0	9.6	11.4	0.3		0.4		0.1		0.1	8.0	0.1		0.2	62.5	26.0
6		0.0		0.2	77.1	42.2		0.1	48.0	31.0	27.4	6.2	5.9	0.4		0.0		0.1	35.4	5.0		0.1		9.9
7		0.0		0.1		5.7		0.0	17.0	13.0		1.5		0.4		0.0		0.0	20.0	5.7		0.1		1.9
8		0.0		0.1	5.7	1.3		0.0	10.5	9.8		0.6		0.3		0.0		0.0	58.4	38.3		0.1		1.0
9	9.9	0.1		0.1	5.7	1.0		0.0		3.0		0.4	0.6	0.3	0.5	0.0	0.5	0.0		1.5		0.1	1.0	0.7
10		0.1	0.5	0.1	14.1	5.4		0.0		1.6		0.3		0.1	131.9	54.2		0.0		0.5	4.6	0.1		0.5
11		0.0	0.5	0.0		2.2		0.0		0.9	19.1	1.5		0.1	37.1	32.5		0.0		0.2	113.1	49.4	60.0	13.5
12		0.0		0.0		1.1		0.0		0.7		0.5		0.1		4.0	5.9	0.0		0.1	2.5	7.1	4.0	18.5
13		0.0		0.0	1.0	0.8		0.0		0.6		0.3		0.0		1.2	1.6	0.0		0.1	16.7	2.2	2.0	2.6
14		0.0	6.3	0.1	25.1	4.3	46.0	1.8		0.4		0.2		0.1		0.6		0.0	0.5	0.1	10.1	5.8	11.5	2.5
15		0.0		0.1		2.1	10.3	13.0		0.2		0.1		0.1		0.3	20.8	0.0		0.1		2.0		1.4
16		0.0		0.0		1.1		0.7		0.1	8.6	0.1		0.0		0.2	6.9	0.0		0.0		0.8		0.9
17		0.0		0.0		0.7		0.3	5.0	0.2		0.2	0.5	0.0		0.2		0.0		0.0	29.5	3.3		0.6
18		0.0		0.0		0.5		0.2	2.0	0.2		0.1		0.0		0.2		0.0		0.0		4.7		0.4
19	8.0	0.0		0.0		0.4		0.2		0.1		0.1		0.0		0.1		0.0		0.0	16.1	2.2		0.3
20		0.0	51.1	7.6	11.8	0.7		0.1		0.1		0.1		0.0		0.0		0.0		0.0		1.9		0.2
21	5.9	0.0		0.9		0.3	44.0	3.9		0.1	46.9	7.7	1.6	0.0		0.0		0.0		0.0		0.9		0.1
22	9.1	0.3		0.3	24.2	1.8	0.5	10.7	0.5	0.1	2.5	2.1	22.1	0.1		0.1		0.0		0.0	1.6	0.5		0.1
23	15.5	1.5	54.8	23.2		3.8		1.0	3.0	0.2		0.9	13.9	2.8		0.1		0.0		0.0	4.3	0.4		0.0
24	2.1	0.2	0.5	2.6		0.7	5.5	0.5	1.0	0.1	41.8	16.9	4.7	0.1	2.6	0.0		0.0	11.4	0.0	7.0	0.3		0.0
25	1.1	0.1	4.7	1.4	9.1	0.7	74.0	39.6	2.5	0.0		3.0	1.2	0.0		0.0		0.0	9.8	0.1	11.3	1.9		0.0
26		0.0		0.8		0.5	0.5	9.2		0.0		1.1		0.0		0.0		0.0	83.7	21.6		0.7		0.0
27		0.0	22.1	3.0		0.3		1.9		0.0		0.6	84.1	12.0		0.0		0.0	3.1	5.7		0.4	2.7	0.0
28		0.0	2.6	3.5		0.2		0.9	66.0	3.1	60.1	18.0	17.8	18.9		0.0		0.0		0.7		0.2	12.7	0.2
29	8.5	0.0				0.1		0.5	42.5	35.2	0.5	9.2	15.4	3.6		0.0	1.0	0.0	1.0	0.3	5.9	0.1		0.0
30	26.1	2.7				0.1		0.4	12.0	4.1	43.3	24.5		1.2	35.9	0.6	19.3	0.1		0.2	8.0	0.5		0.0
31	87.3	61.5				0.1				2.3				0.4	101.7	31.4				0.1				0.0
total	173.5	66.7	143.1	48.8	214.5	87.0	204.8	86.6	275.0	117.7	265.6	98.6	174.6	49.7	310.9	126.5	57.0	6.5	285.1	84.7	277.2	97.9	175.5	84.8

袋山沢A流域の日降水量と日流出量

FUKUROYAMASAWA A 2010

unit: mm/day

annual precipitation: 2551.3

annual runoff: 1061.4

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		0.1	15.5	0.3	12.9	3.0		0.3		0.9		0.0	1.0	0.2		0.1		0.0	2.5	3.4	74.9	157.5		0.0
2		0.0	8.8	0.6	10.3	6.8	19.8	1.2		0.6		0.0		0.2	2.0	0.0		0.0		0.9		4.0		0.0
3		0.0		0.1		2.1		0.6		0.4		0.0	4.1	0.2		0.0		0.0		0.5		1.5	72.7	28.4
4		0.0	3.1	0.0	16.2	1.8	0.5	0.2		0.3	2.0	0.0	7.1	0.5	1.0	0.0		0.0	26.3	6.8		0.8		1.9
5	12.3	0.2		0.0	13.7	12.6	32.1	5.2		0.2	2.0	0.0		0.1		0.0		0.0		1.6		0.6		0.7
6		0.0		0.0	22.1	10.8	0.5	3.9		0.2		0.0		0.1		0.0		0.0		0.6		0.4		0.4
7		0.0		0.0	18.6	8.6	4.0	1.0	5.0	0.2		0.0	33.8	1.2		0.0		0.0		0.3		0.3		0.3
8		0.0		0.0		6.8		0.5	0.5	0.1		0.0	8.7	3.5		0.0	37.0	0.9		0.2		0.2	11.3	0.4
9		0.0		0.0	21.5	3.4		0.3		0.1	6.0	0.0	29.2	5.4	26.0	1.1	1.5	0.2	75.3	20.7		0.3	1.5	0.2
10		0.0	1.5	0.0	6.2	10.2	0.5	0.2		0.1		0.0		6.0	1.0	0.1		0.0	78.8	82.3		0.1	3.1	0.1
11		0.0	18.5	0.3		3.1	0.5	0.2	12.5	0.1		0.0		0.8	3.5	0.1		0.0		4.8		0.0	0.5	0.0
12	15.3	0.3	1.5	0.6		1.6	39.5	1.3	6.0	0.3		0.0		0.5	2.0	0.1		0.0	17.2	3.9		0.0		0.0
13		0.2	7.7	0.3		1.2	9.5	11.7	4.0	0.1		0.0	14.3	0.9		0.0		0.0	3.5	2.5		0.0	12.3	0.2
14		0.0	1.5	0.3		0.9		1.4	0.5	0.1	55.0	0.0	4.6	0.7		0.0		0.0		1.3		0.0	28.2	6.7
15		0.0	30.4	6.3		0.8	7.0	0.7		0.0	9.5	0.0	1.0	0.4		0.0		0.0	1.0	0.9	3.8	0.1		1.0
16		0.0	1.5	2.4	44.2	17.6	17.0	0.9		0.0	16.0	0.0		0.2		0.0	24.5	0.2		0.5	0.5	0.0		0.3
17		0.0		0.6		2.5	33.0	17.7		0.0		0.0		0.2		0.0		0.0		0.3	18.3	0.3		0.1
18		0.0	5.2	0.3		1.4		2.8		0.0	69.0	19.4		0.1		0.0		0.0		0.2	3.2	0.1		0.1
19		0.0	0.5	0.2		1.0	10.0	2.0	4.1	0.0	20.8	28.6		0.1		0.0		0.0		0.2		0.0		0.0
20		0.0		0.1		0.9	16.8	3.0	32.0	1.7	0.5	2.7		0.1		0.0		0.0	2.0	0.2		0.0		0.0
21	8.4	0.0		0.1	4.7	1.5	1.3	3.7	0.5	0.4	17.7	3.9		0.1		0.0		0.0	10.1	0.3	6.7	0.0	12.5	0.0
22		0.0	1.5	0.0		0.4	29.8	9.9		0.1	3.0	1.7		0.0		0.0		0.0		0.2	0.5	0.1	53.4	26.5
23		0.0		0.0	3.3	0.5	7.6	8.1	23.8	0.4	16.7	2.9		0.0		0.0	23.6	0.3		0.1	43.7	8.6		1.6
24		0.0		0.0	35.3	3.7	0.8	3.0	25.3	6.3		1.9		0.0		0.0	32.2	1.5	38.5	2.2		0.6		0.6
25		0.0		0.0	49.9	23.8		1.4		1.9		0.8		0.0		0.0	20.6	3.1	1.0	5.0	7.2	0.2		0.3
26		0.0	23.7	1.0	0.5	9.3		0.8	2.1	0.4	1.5	0.5		0.0		0.0	3.5	0.2	0.5	0.7	15.9	4.1		0.2
27		0.0	82.3	54.5		2.2	9.2	0.6	2.6	0.2	5.1	0.5		0.0		0.0	96.1	22.5		0.3		0.7		0.1
28	7.9	0.0	19.6	9.1		1.2	46.2	23.6		0.1		0.4		0.0		0.0	132.8	104.3	52.6	9.3		0.3		0.0
29		0.0			4.2	0.8		6.0	10.9	0.1	0.5	0.3	26.5	0.5		0.0		2.5	1.5	11.3		0.1		0.0
30		0.0			1.4	0.5		1.8	3.1	0.2		0.2	33.5	3.8		0.0	25.1	4.2	95.6	58.1		0.1		0.0
31		0.0				0.3				0.0				0.3		0.0			3.0	10.7				0.0
total	43.9	0.8	222.8	77.1	265.0	141.3	285.6	114.0	132.9	15.5	225.3	63.8	163.8	26.1	35.5	1.5	396.9	139.9	409.4	230.3	174.7	181.0	195.5	70.1

袋山沢A流域の日降水量と日流出量

FUKUROYAMASAWA A 2011

unit: mm/day

n/a : data not available

annual precipitation: 2075.5

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		0.1		0.0	26.4	3.4		0.0	5.4	0.0		1.1		0.3		0.0	7.7	0.0		0.0		n/a	5.5	n/a
2		0.1	2.1	0.0	6.9	4.8		0.0		0.0	44.0	3.3		0.1		0.0	8.2	0.0		0.0		n/a	4.5	n/a
3		0.1		0.0	0.4	1.0	2.2	0.0		0.0	1.7	12.7		0.1		0.0	7.1	0.0		0.0	0.5	n/a	91.0	n/a
4		0.1		0.0		0.7	2.2	0.0		0.0		1.9		0.1	7.1	0.0	0.5	0.0		0.0		n/a		n/a
5		0.0		0.0		0.4		0.0		0.0		0.9	3.8	0.1	5.5	0.0		0.0	152.8	n/a	2.5	n/a		n/a
6		0.0	9.7	0.0		0.3		0.0		0.0		0.5		0.0		0.0		0.0	3.1	n/a	5.5	n/a	19.0	n/a
7		0.0		0.0	23.7	2.4		0.0	4.7	0.0		0.3	8.3	0.1		0.0		0.0		n/a	3.0	n/a		n/a
8		0.0	3.9	0.0	0.5	1.0		0.0		0.0	6.7	0.3		0.0		0.0		0.0		n/a	13.0	n/a	6.5	n/a
9		0.0	10.5	0.1		0.5	19.1	0.1		0.0		0.2		0.0		0.0		0.0	4.1	n/a		n/a	0.5	n/a
10		0.0		0.0		0.6		0.1	6.3	0.0		0.1		0.0		0.0		0.0		n/a		n/a		n/a
11		0.0	8.3	0.2	0.5	0.4		0.0	49.3	3.6	66.8	18.6		0.0		0.0		0.0		n/a	36.5	n/a		n/a
12		0.0	10.5	0.5		0.1		0.0	36.7	10.7	0.6	3.5		0.0		0.0		0.0		n/a	0.5	n/a		n/a
13		0.0	5.7	0.2		0.1		0.0		4.8	60.7	36.9		0.0		0.0		0.0		n/a		n/a		n/a
14		0.0	15.8	0.2		0.1		0.0		0.5		3.8		0.0		0.0		0.0	7.8	n/a		n/a	7.5	n/a
15		0.0	0.9	0.8	1.0	0.2	4.8	0.0		0.1		1.5		0.0		0.0		0.0	20.7	n/a		n/a		n/a
16		0.0		0.0		0.1	3.7	0.0		0.1	12.3	0.9		0.0		0.0		0.0	10.9	n/a		n/a	0.5	n/a
17		0.0	0.4	0.0		0.0		0.0	4.7	0.1	13.4	3.7		0.0		0.0		3.1	0.0		n/a		n/a	n/a
18		0.0	65.2	31.2		0.0		0.0	0.5	0.0	20.9	4.6		0.0		0.0		1.0	0.0		n/a	3.0	n/a	n/a
19		0.0		1.2		0.0	29.3	1.5		0.0	0.5	4.2	20.8	0.2	62.6	4.3	27.5	0.0	0.5	n/a	119.5	n/a		n/a
20		0.0		0.4		0.0		0.1		0.0	1.1	1.6	16.1	0.2		0.3	107.3	20.5	2.6	n/a		n/a		n/a
21		0.0		0.3	31.5	1.7		0.0		0.0	1.6	1.1	27.0	2.4	8.7	0.2	70.5	36.8	12.9	n/a		n/a		n/a
22		0.0		0.3	20.3	2.3	2.7	0.0	5.8	0.0		0.7		0.1	4.6	0.3	3.6	2.6	93.2	n/a		n/a		n/a
23	0.6	0.0		0.1	1.1	0.9	53.4	2.2	1.1	0.0		0.4		0.0	2.6	0.2		0.3	12.4	n/a	3.0	n/a		n/a
24		0.0	3.0	0.1		0.3	6.5	9.1	26.9	1.5		0.3		0.0	1.5	0.0		0.1		n/a	0.5	n/a		n/a
25		0.0	0.4	0.1	13.0	0.4		0.3		0.1		0.2		0.0	1.1	0.0		0.0		n/a		n/a		n/a
26		0.0		0.1		0.5		0.1		0.0		0.1		0.0	2.7	0.0	1.5	0.0		n/a		n/a		n/a
27		0.0		0.0		0.1	3.2	0.1	4.7	0.0		0.1		0.0	0.5	0.0	1.0	0.0		n/a		n/a		n/a
28		0.0	51.9	6.4		0.1	8.6	0.3	25.3	1.2		0.1	1.9	0.0		0.0		0.0		n/a		n/a		n/a
29		0.0				0.1		0.1	59.1	22.9		0.1	0.6	0.0		0.0		0.0		n/a		n/a		n/a
30		0.0				0.1		0.0	67.5	51.5	25.7	1.3	7.5	0.0	3.8	0.0		0.0	0.9	n/a		n/a		n/a
31		0.0				0.0				3.8			0.6	0.0		0.0			0.9	n/a				n/a
total	0.6	0.4	188.3	42.2	125.3	22.6	135.7	14.0	298.0	100.9	256.0	105.0	86.6	3.7	100.7	5.3	239.0	60.3	322.8	n/a	187.5	n/a	135.0	n/a

新田の日降水量と袋山沢Aの日流出量

FUKUROYAMASAWA A 2012

unit: mm/day

annual precipitation at Shinta: 2641.7

annual runoff: 950.5

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		0.0		0.0		0.5		0.4	5.7	0.6	1.2	0.1	1.1	0.0	1.0	0.0	30.2	0.4		0.2		0.7	1.6	0.3
2		0.0		0.0	13.2	0.9		0.1	72.5	13.8	3.6	0.1	10.6	0.3		0.0	15.6	0.8	4.8	0.0		0.4	6.6	0.2
3		0.0		0.0		1.0	37.3	4.5	95.2	102.3		0.0	81.3	17.3		0.0		0.0	41.8	4.1		0.2	5.5	0.4
4		0.0		0.0	0.6	0.4		2.5		10.7		0.0	0.5	13.0	5.0	0.0	10.2	0.3	35.6	17.0		0.1	12.5	2.1
5		0.0		0.0	101.9	59.7		0.4		2.2	0.6	0.0		1.3		0.0		0.0		0.7	5.3	0.1		0.5
6		0.0	7.9	0.0	38.9	31.6	1.7	0.2	1.1	1.1	29.3	1.2	1.8	0.6	0.6	0.0	1.6	0.0	0.6	0.2	64.7	21.7	1.2	0.4
7		0.0	49.5	10.8		3.9		0.1		0.6		0.1	5.4	0.5		0.0	1.6	0.0	5.7	0.1		4.7		0.3
8		0.0		1.7	4.0	1.5		0.1		0.4		0.0	3.6	0.2	0.6	0.0		0.0		0.0		1.4	0.4	0.3
9		0.0		0.5	29.2	4.5		0.1		0.3	42.0	5.8		0.2		0.0		0.0		0.0		0.7		0.1
10		0.0		0.3	18.9	15.1		0.0	20.8	1.1	0.6	1.8		0.1		0.0		0.0	4.0	0.0		0.4		0.0
11		0.0		0.2		3.7	56.2	3.4		0.4		0.4	1.8	0.1	11.6	0.0	15.9	0.0	2.3	0.0	30.0	1.5		0.0
12		0.0		0.2		1.5		8.3		0.2	21.0	1.1	1.8	0.1	0.6	0.0	6.3	0.3		0.0	26.4	20.0		0.0
13		0.0		0.1		0.7	1.1	0.7		0.1	5.5	3.2	2.4	0.1		0.0		0.0		0.0	0.5	2.7		0.0
14		0.0	12.4	0.5		0.4	39.9	8.9		0.1		0.7		0.1	0.6	0.0		0.0	9.2	0.0		1.3		0.0
15		0.0	0.6	0.5		0.2		4.1	25.0	1.4		0.3		0.1	2.2	0.0	18.0	0.2		0.0		0.6	6.9	0.1
16		0.0		0.4		0.1		1.2		1.0	11.0	0.3		0.1		0.0	24.9	1.1		0.0		0.3	0.8	0.0
17		0.0	11.2	0.6	50.7	6.6	13.4	1.4		0.3	17.0	4.1		0.0		0.0	12.2	2.5	43.1	1.0	56.8	11.6		0.0
18		0.0	1.5	0.3		5.7		1.0	8.4	0.3		0.8		0.0		0.0	12.7	0.1	67.3	24.4		7.9	0.4	0.0
19		0.0		0.1		1.3		0.5		0.2	89.2	38.2		0.0		0.0	8.8	0.9	11.8	16.4		1.6		0.0
20	17.5	0.0		0.1	1.8	0.7		0.3		0.1	1.1	30.3	44.0	3.3		0.0		0.1		1.3		1.0		0.0
21	23.5	0.6		0.1		0.4		0.2	3.6	0.1	4.8	2.6	4.8	0.9		0.0		0.1		0.4		0.5		0.0
22	32.0	13.7		0.0		0.2	5.9	0.2	30.0	2.1	47.5	25.0	1.6	0.3		0.0		0.0		0.2	8.7	0.5	28.2	4.6
23	1.0	1.8	52.4	14.9	32.9	1.1	53.4	13.1	2.4	5.3		4.4	0.5	0.1		0.0	76.2	16.8	86.6	34.2	16.4	2.1		0.7
24	7.5	0.7		1.9	5.3	8.4	4.1	10.7		0.8		1.8		0.1		0.0		1.2	0.5	3.7	3.8	1.3		0.2
25		0.6	42.5	16.2		1.2		1.9		0.4		1.0		0.1		0.0	0.5	0.1		0.9		0.6		0.1
26	1.5	0.3		3.5		0.5	5.9	1.2		0.2		0.5		0.0		0.0		0.0		0.4	53.0	20.3		0.0
27		0.1		1.3		0.3	32.3	9.0		0.2		0.3		0.1		0.0	2.7	0.0	2.1	0.2	0.5	6.3		0.0
28		0.1		0.5		0.2		3.6		0.1		0.2		0.1		0.0	10.7	0.1	52.4	4.7	0.5	1.8	4.2	0.0
29		0.0	9.9	0.5		0.1		1.5	0.6	0.1	0.5	0.2		0.0		0.0		0.0	23.3	29.9		1.1	20.1	1.8
30		0.0				0.1	1.2	0.9	2.4	0.1		0.1		0.0		0.0	13.9	0.1		2.1	3.3	0.7	68.3	31.2
31		0.0			15.3	0.8				0.1				0.0		0.0				0.8				7.8
total	83.0	17.9	187.9	55.2	312.7	153.3	252.4	80.5	267.7	146.7	274.9	124.6	161.2	39.1	22.2	0.0	262.0	25.1	391.1	142.9	269.9	114.1	156.7	51.1

新田の日降水量と袋山沢Aの日流出量

FUKUROYAMASAWA A 2013

unit: mm/day

n/a : data not available

annual precipitation at Shinta: 2157.4

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		2.0	15.2	0.1	13.7	0.7	0.5	0.0	9.7	0.5		0.1		0.7		0.0		0.0	13.4	0.0		0.3		0.0
2		1.1	21.1	6.5		1.6	51.1	5.9	5.9	0.4		0.0		0.3		0.0		0.0	61.8	15.3	3.9	0.4		0.0
3		0.6		1.7		0.5	50.9	31.8		0.1		0.0		0.3		0.0	0.5	0.0		0.8		0.6		0.0
4		0.4	1.1	1.0		0.2		3.7		0.0		0.0	15.8	0.7		0.0	27.7	0.6	2.1	0.1	21.6	2.6		0.0
5		0.3		0.5		0.8		1.2		0.0		0.0	15.8	2.6		0.0	22.4	1.3	20.9	3.2		1.4		0.0
6		0.2	24.4	4.4		0.8	81.3	35.9		0.0	3.2	0.0		0.6	1.6	0.0		0.1	0.5	1.8		0.9		0.0
7		0.2		3.7		0.6	33.0	49.3		0.0	1.1	0.0		0.4		0.0		0.0		0.5	16.7	3.2		0.0
8		0.1		1.8		0.5		2.9		0.0	0.5	0.0		0.2		0.0	3.7	0.0		0.1		1.7		0.0
9		0.1		1.0		0.2		1.3		0.0		0.0		0.2		0.0		0.0		0.0	2.5	1.0		0.0
10		0.1		0.8		0.2		0.8		0.0		0.0		0.2		0.0	1.6	0.0		0.0	24.0	5.0	25.3	0.9
11		0.0		0.5		0.1		0.5	56.4	4.3	6.8	0.0		0.2		0.0	5.9	0.0	0.5	0.0	1.9	2.8		0.1
12		0.0	2.2	0.4		0.0		0.3	4.7	6.2	41.5	1.4		0.2		0.0	0.5	0.0		0.0		0.8		0.0
13		0.0	14.6	1.5	2.8	0.2		0.1		0.6	50.5	19.0		0.1		0.0		0.0		0.0		0.4		0.0
14	46.0	6.9		0.5	18.2	0.6		0.2		0.2	6.8	6.0		0.1		0.0		0.0		0.0	1.3	0.2		0.0
15	17.5	6.9	10.0	0.6		0.1		0.3		0.1		1.7		0.0		0.0	32.5	1.2	142.3	44.7	1.3	0.2		0.0
16	5.0	2.2		0.5		0.3		0.2	12.1	0.1	46.2	21.9		0.0		0.0	11.2	0.4	200.4	n/a		0.2		0.0
17	1.0	1.3		0.2		0.1		0.1	0.5	0.3		3.5		0.0		0.0		0.0		n/a	1.9	0.1		0.0
18		0.8	21.0	2.8	3.1	0.1		0.2		0.1		1.3	4.8	0.0		0.0		0.0		n/a		0.1	13.2	0.0
19		0.5	7.4	3.3	10.8	0.9		0.2	1.6	0.0	4.6	0.8		0.0		0.0		0.0	2.1	n/a		0.1	23.8	0.6
20		0.3	15.2	2.3	5.1	0.3	10.2	0.2	36.2	3.6	34.6	7.1		0.0		0.0		0.0	92.3	n/a		0.0	11.6	3.3
21		0.2	0.5	1.7		0.3	25.4	2.0	0.5	3.3	12.9	5.6		0.0		0.0		0.0	5.2	n/a		0.0		0.3
22	9.0	0.6		1.0	1.5	0.1		0.3		0.6	3.1	5.8		0.0		0.0		0.0	0.5	n/a		0.0		0.1
23	2.5	0.4		0.6		0.0		0.1		0.3		2.0	31.9	0.9		0.0	19.9	0.2	0.0	n/a		0.0		0.0
24	4.0	0.6		0.4		0.0	40.5	1.8		0.1	1.0	1.1	0.5	0.1	1.1	0.0	23.1	1.6	2.6	n/a		0.0		0.0
25	0.5	0.5		0.2	7.2	0.2	8.1	12.8		0.1		0.7		0.1	22.2	0.3	33.8	7.3	27.1	n/a	3.5	0.0		0.0
26		0.4		0.2		0.1		1.2		0.1	61.5	17.8		0.0		0.3	0.5	0.5	51.6	n/a	8.8	0.0	1.0	0.0
27		0.3	15.2	1.0	6.7	0.1		0.5		0.0	0.5	10.8		0.0	24.4	2.0		0.1	1.6	n/a		0.0	8.3	0.0
28	2.7	0.3		0.4		0.1		0.2		0.0		2.3		0.0		0.1		0.0		n/a	1.8	0.0		0.0
29		0.3				0.0		0.2	2.3	0.0	2.1	1.6	3.2	0.0		0.0		0.0	4.4	n/a		0.0		0.0
30		0.2				0.0	9.7	0.3	20.4	0.4		1.3		0.0		0.0	0.5	0.0	0.5	2.6		0.0		0.0
31		0.1			3.6	0.0			3.4	0.3				0.0		0.0				0.5				0.0
total	88.2	27.9	147.9	39.6	72.7	9.7	310.7	154.5	153.7	21.7	276.9	111.8	72.0	7.9	49.3	2.7	183.8	13.3	629.8	n/a	89.2	22.0	83.2	5.3

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		0.0	30.3	1.4	1.7	0.0	24.5	1.3	24.5	6.3	
2		0.0		0.0	21.4	3.4	0.5	0.3		1.0		0.4		n/a		0.0		1.0	1.4	0.0		1.5		1.9	
3		0.0		0.0	0.5	3.3	52.9	13.1		0.4		0.4	3.3	n/a		0.0		0.1		0.0		0.4	0.0	0.4	
4		0.0	3.1	0.0	1.0	1.3	29.1	29.7		0.2		0.2	23.0	n/a		0.0		0.0		0.0		0.2	3.8	0.5	
5		0.0	3.1	0.0	60.2	28.6	0.5	3.2	4.6	0.2	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	0.5	10.3	11.1	2.3		0.3	158.3	n/a		n/a		0.0		0.0	68.2	43.2	3.1	0.2		0.3	
7		0.0		0.0		2.3		1.1		0.1	67.6	n/a	10.4	n/a		0.0	15.5	0.2		1.0		0.2		0.3	
8	56.1	2.8		0.0		1.2		0.7		0.1	2.1	n/a		n/a		0.0	13.9	0.4		0.1	1.2	0.1		0.1	
9	14.8	12.7	20.9	0.7		0.8		0.5		0.1	1.6	n/a	0.5	n/a	6.2	0.0	1.6	0.7		0.1	7.4	0.1		0.0	
10	0.5	0.6	2.6	0.7		0.5		0.4		0.0	1.6	n/a	13.1	n/a	31.6	0.7		0.1		0.0		0.1	0.5	0.0	
11		0.2	3.1	0.5		0.2		0.2		0.0	55.3	n/a	13.7	3.6		0.4	28.9	4.5		0.1		0.1	51.4	10.0	
12		0.1	1.0	0.6		0.2		0.2		0.0	17.2	n/a		0.4	20.2	1.3		0.3		0.0		0.1		2.2	
13		0.0		0.6	46.9	9.3		0.2	21.0	0.7	0.5	n/a	1.3	0.2	1.6	0.5	1.6	0.1	34.8	2.5		0.1		0.7	
14		0.0	0.5	0.7		5.6	1.8	0.1		0.2		n/a		0.1		0.1		0.1	21.4	12.0		0.0		0.3	
15	2.1	0.0	95.9	86.6		1.2		0.1	8.3	0.7		n/a		0.1		0.0	14.6	0.2	8.1	0.8		0.0		0.2	
16		0.0	3.6	8.6		0.7		0.1		0.4		n/a		0.0		0.0		0.1	2.0	0.4		0.0	63.0	23.9	
17		0.0		5.3		0.5		0.1		0.1		n/a		0.0		0.0		0.0		0.4	0.5	0.0		7.4	
18		0.0		3.7		0.5	8.1	0.1		0.1	6.2	n/a		0.0		0.0		0.0		0.5		0.0		1.5	
19	0.5	0.0		1.9		0.4	0.5	0.0		0.0	0.6	n/a	4.8	0.0		0.0		0.0		0.2		0.0		0.6	
20		0.0		1.3	41.3	10.4		0.1		0.0		n/a		0.0		0.0	3.5	0.0		0.4	19.7	0.1	56.3	20.7	
21		0.0		1.3	0.5	3.3	17.8	0.2	52.7	6.2		n/a		0.0		0.0		0.0	2.0	0.3		0.2		11.5	
22		0.0		1.1		1.0	5.4	0.5	22.4	3.8	1.7	n/a		0.0		0.0		0.0	46.4	8.7		0.0		2.2	
23		0.0		1.0		0.5	2.2	0.2		1.7		n/a		0.0	9.6	0.0		0.0	14.7	5.7		0.0		0.9	
24		0.0		1.7		0.4	6.4	0.1		0.5	7.9	n/a		0.0		0.0		0.0		2.1		0.0		0.6	
25		0.0		1.6		0.3		0.1		0.4	4.0	n/a		0.0		0.0	14.4	0.0		0.7	9.9	0.0		0.4	
26	7.4	0.0		1.4	2.7	0.2		0.0	6.9	0.2		n/a		0.0	1.1	0.0	1.7	0.0	12.7	0.7	38.1	4.9		0.2	
27		0.0	6.6	1.7	4.3	0.2		0.0	54.9	28.9	1.1	n/a		0.0	9.0	0.0		0.0	0.5	1.4	4.7	3.6		0.1	
28		0.0	5.6	3.2		0.1		0.0		2.3	7.4	n/a		0.0	6.9	0.0		0.0		0.4	0.5	0.5		0.1	
29		0.0				0.1	1.1	0.1		1.0	5.1	n/a		0.0	3.2	0.0		0.0		0.2	18.8	2.3	14.5	0.8	
30	19.1	0.4			41.7	6.0	52.4	5.3		0.6		n/a		0.0	17.6	0.6		0.0		0.1	1.6	1.2	0.5	0.3	
31		0.2				1.9				0.4				0.0		0.0				0.1				1.0	0.2
total	101.0	17.0	146.0	124.2	221.0	96.1	189.8	59.5	181.0	57.4	350.0	n/a	72.3	n/a	107.0	3.6	126.5	9.2	313.3	97.5	130.0	17.3	216.1	95.1	

新田の日降水量と袋山沢Aの日流出量

FUKUROYAMASAWA A 2015

unit: mm/day

n/a : data not available

annual precipitation at Shinta: 2473.8

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		1.4	40.1	n/a	2.9	0.2	n/a	0.2	n/a	0.1	n/a	2.5		0.0	n/a	0.3	17.3	1.1		0.0		0.3
2	1.0	0.0		0.7	0.8	13.5		0.1	n/a	0.1	n/a	0.1	n/a	1.4		0.0	n/a	0.7	12.9	2.6	29.0	1.5	5.9	0.3
3		0.0		0.4	0.8	2.4		0.0	n/a	0.1	n/a	11.0	n/a	19.6		0.0	n/a	0.3		0.9		0.2	26.6	5.6
4		0.0		0.3	34.0	8.4	4.3	0.1	n/a	0.2	n/a	1.9	n/a	18.1		0.0	10.6	0.9		0.5		0.1		1.6
5		0.0	12.3	0.4		2.3	3.2	0.3	n/a	0.2	n/a	0.5	n/a	27.3		0.0		0.2		0.4		0.1		0.6
6	12.7	0.2		0.3	4.0	1.2		0.2	n/a	0.2	n/a	8.6	n/a	31.9		0.0	16.9	0.5		0.3		0.1		0.3
7		0.1	6.2	0.2	7.5	1.0	9.1	0.3	n/a	0.2	n/a	1.3	1.6	11.7	n/a	0.0	54.0	24.7		0.3		0.0		0.2
8		0.0	29.7	8.9	4.6	0.7	15.5	0.5	n/a	0.1	n/a	0.6	47.5	12.6	n/a	0.0	89.5	43.4		0.7	28.0	1.6		0.1
9		0.0		2.7	37.0	2.4	0.5	0.1	n/a	0.2	n/a	33.0	52.9	59.0	n/a	0.0	107.5	64.3		0.8	7.0	1.3		0.1
10		0.0	0.5	1.1	8.7	14.3	23.6	1.5	n/a	0.0	n/a	3.3		6.3	n/a	0.0	114.9	n/a	4.9	0.8	1.1	1.3	1.6	0.1
11		0.0		0.6	4.6	2.4	11.3	4.5	n/a	0.0	n/a	1.3		2.4	n/a	0.0		7.7	9.2	1.2		0.5	91.5	n/a
12		0.0		0.5		1.3		0.9	n/a	0.4	n/a	11.5		1.5	n/a	0.0		2.2		1.3		0.2		n/a
13		0.0		0.3		0.7	42.9	8.2	n/a	1.3	n/a	3.0		1.1	n/a	0.1	0.5	1.1		1.4		0.1	5.9	n/a
14		0.0		0.2		0.4	22.5	11.1	n/a	0.1	n/a	1.5		1.1	n/a	0.0		0.7		1.2	33.4	2.4		n/a
15	40.7	5.1		0.2		0.3	3.1	8.4	n/a	0.1	n/a	1.0		0.5	n/a	0.0		0.5	1.0	0.5	21.0	11.8		n/a
16	3.7	1.6		0.1	13.2	0.5	0.5	1.7	n/a	9.0	n/a	0.7	16.2	0.5	n/a	0.0	10.8	0.7	50.6	4.4	0.6	1.7		n/a
17	0.5	0.6	12.9	0.1	1.1	0.6		0.8	n/a	0.9	n/a	0.5	7.4	0.6	n/a	9.7	59.6	17.3	12.3	7.7	4.0	1.3		n/a
18		0.2	18.1	1.4	0.6	0.3		0.5	n/a	0.3	n/a	0.3		0.6	n/a	1.1	48.8	44.0	0.5	1.1	13.7	1.8		n/a
19		0.1	1.5	1.1	28.8	3.9		0.3	n/a	0.4	n/a	0.6		0.8	n/a	0.2	0.5	6.1		0.5	8.0	3.2		n/a
20		0.1		0.3	0.6	2.2	52.9	6.3	n/a	1.0	n/a	0.4		0.9	n/a	0.1		2.2		0.3	2.2	1.1		n/a
21	6.8	0.1		0.2		0.8	7.0	21.4	n/a	0.3	n/a	0.2		1.2	n/a	0.1		0.8		0.3		0.7		n/a
22	14.1	1.5	9.1	0.3		0.5	2.2	2.3	n/a	0.1	n/a	0.3		0.6	n/a	0.1		1.8		0.2		0.4		n/a
23	7.3	2.6	30.2	5.1		0.3		1.2	n/a	0.2	n/a	0.6		0.2	n/a	0.0		2.3		0.2	3.7	0.4	11.4	n/a
24		0.7		1.2		0.2		0.7	n/a	0.2	n/a	0.4		0.3	n/a	0.0		2.3		0.3	3.2	0.6	7.0	n/a
25		0.3		0.6		0.1		0.5	n/a	0.3	n/a	0.3		0.4	n/a	0.0	37.0	5.3		0.4	38.8	8.9	1.3	n/a
26	4.2	0.3	40.1	3.5		0.1		0.4	n/a	0.3	n/a	0.3		0.4	n/a	6.4	6.7	4.5		0.3	19.7	13.4		n/a
27	36.0	14.2		4.1		0.1		0.3	n/a	0.2	n/a	0.5		0.3	n/a	0.6	7.2	4.6		0.3		2.9		n/a
28		1.9		1.0		0.1		0.6	n/a	0.0	n/a	0.3		0.2	n/a	0.2		1.3	9.7	1.0		1.2		n/a
29		0.7			4.0	0.1		0.5	n/a	2.8	n/a	0.4		0.1	n/a	0.2		0.7		0.5		0.7		n/a
30	33.4	7.7				0.1		0.4	n/a	2.1	n/a	0.6		0.0	n/a	0.3		0.5		0.1		0.5		n/a
31		4.6				0.1			n/a	0.4				0.0	n/a	1.1				0.1				n/a
total	160.9	42.8	160.6	37.2	190.4	n/a	201.5	74.3	n/a	21.9	n/a	85.1	n/a	204.1	n/a	20.2	n/a	n/a	118.4	31.7	213.4	60.0	151.2	n/a

新田の日降水量と袋山沢Aの日流出量

FUKUROYAMASAWA A 2016

unit: mm/day

n/a : data not available

annual precipitation at Shinta: 2413.1

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		n/a	0.5	n/a	n/a	0.1		0.2		0.3		0.8	29.5	1.8		0.3	0.5	0.6	19.8	3.4	23.5	6.1
2		n/a		n/a	n/a	n/a	n/a	0.2		0.1		0.2		0.5	5.9	0.3		0.4		0.9		1.3		3.3
3		n/a		n/a	n/a	0.2	n/a	0.2		0.1		0.1		0.4	0.6	0.1	5.0	0.6	15.1	0.7	2.5	0.6		1.8
4		n/a		n/a	n/a	0.3	n/a	15.9	31.5	4.1		0.1		0.3		0.1	1.1	0.1		0.3		0.3	0.5	1.0
5		n/a		n/a	n/a	0.2	n/a	1.6		0.7	3.6	0.2		0.2		0.1		0.4		0.2	4.6	0.2	4.1	1.5
6		n/a		n/a	n/a	0.3	n/a	0.6		0.3		0.1		0.1		0.0		0.4		0.4		0.1		1.2
7		n/a		n/a	n/a	31.7	n/a	21.6		0.2		0.1		0.1		0.0	5.6	0.2		0.2		0.1		0.9
8		n/a		n/a	n/a	5.6	n/a	4.4		0.1	2.1	0.2		0.1		0.0	18.5	0.5	7.8	0.3	1.5	0.1		0.6
9		n/a		n/a	n/a	4.7	n/a	1.4	24.7	0.5	10.9	0.3	46.8	6.1		0.0	0.6	0.3	3.6	0.2	9.2	0.2		0.5
10		n/a		n/a	n/a	10.4	n/a	0.9	10.5	3.6		0.1		1.6		0.0		0.2		0.2	0.5	0.0		0.6
11		n/a		n/a	n/a	2.9	n/a	0.5	37.7	15.6		0.0		0.4		0.0	41.4	3.6		0.1	53.4	14.6		0.2
12	1.0	n/a		n/a	n/a	1.8	n/a	0.3		2.0		0.0		0.2		0.0	0.6	1.3		0.0	0.5	1.9		0.0
13	0.5	n/a	1.6	n/a	n/a	1.1	n/a	0.2		0.8	82.4	23.1	1.0	0.2		0.0	20.1	3.3	4.7	0.1		0.8	12.8	0.1
14		n/a	28.9	n/a	n/a	14.6	46.5	17.2		0.4		2.5	1.6	0.4		0.0	12.3	3.4		0.1	15.3	0.8	53.3	19.3
15		n/a	3.2	n/a	n/a	15.3		2.2		0.3		0.8		0.4		0.0	1.1	1.3		0.0	1.5	2.2		1.5
16		n/a		n/a	n/a	3.0		0.9		0.2	5.6	0.4	0.5	0.2	90.0	4.2		0.6		0.0		0.8		0.7
17	8.0	n/a		n/a	n/a	1.7	8.6	0.9	48.0	8.4	0.5	0.3		0.1	27.9	12.7		0.3	62.6	6.1		0.4		0.3
18	45.6	n/a		n/a	n/a	1.1	1.6	0.6		3.7		0.2		0.1	4.3	0.3		0.3	2.6	6.8		0.2		0.2
19		n/a		n/a	n/a	27.4		0.4		0.9	0.5	0.2		0.1	10.6	0.2	22.3	1.1		0.6	66.0	30.0		0.2
20		n/a	82.9	n/a	n/a	6.0		0.3		0.5	0.5	0.2		0.1	8.7	0.5	63.1	25.9		0.3	0.5	4.0		0.1
21		n/a		n/a	n/a	2.3	22.5	0.4		0.3	22.1	1.5	20.0	0.3	0.6	0.1	0.5	9.1		0.4		1.5		0.1
22		n/a		n/a	n/a	1.4	5.9	3.7		0.2	0.5	0.4	4.3	0.1	122.3	96.7	70.5	42.3		0.3	8.5	1.5	18.7	0.3
23		n/a	4.3	n/a	n/a	1.0	0.5	0.6		0.2	57.0	26.2		0.0		7.3	3.2	7.1		0.2	3.0	0.8	10.7	2.3
24		n/a	0.5	n/a	n/a	0.7		0.3		0.1	1.0	3.4		0.0	2.5	1.7	7.4	2.7		0.3	15.5	5.9		0.3
25		n/a	3.7	n/a	n/a	0.5		0.2		0.1	27.2	10.1		0.0		1.0	2.7	2.2	3.6	0.2	15.0	6.0		0.1
26		n/a		n/a	n/a	0.4		0.2		0.1		2.2		0.0		0.8		1.3		0.0	4.5	2.2		0.1
27		n/a		n/a	n/a	0.3	1.1	0.1	48.4	6.9		0.9	7.6	0.1		0.7	1.1	0.9		0.0	7.0	1.6	9.1	0.2
28		n/a		n/a	n/a	0.2	27.3	2.6		1.0	35.4	7.0		0.0	11.2	0.9		0.6	59.3	6.7	10.5	4.1		0.1
29	26.5	n/a	7.0	n/a	n/a	0.1		0.8		0.3	1.0	2.6		0.0	12.1	1.0		0.4		7.1		1.6		0.1
30	11.0	n/a		n/a	n/a	0.1		0.3	18.1	0.8		1.4		0.0	21.6	3.7		0.4	7.8	0.8		0.8		0.0
31		n/a		n/a	n/a	0.1		1.0	0.5				3.2	0.0		0.5				0.4				0.0
total	92.6	n/a	132.1	n/a	n/a	n/a	n/a	79.6	219.9	53.2	250.3	85.1	85.0	12.9	347.8	134.7	277.1	111.5	167.6	34.5	239.3	88.0	132.7	43.7

新田の日降水量と袋山沢Aの日流出量

FUKUROYAMASAWA A

2017

unit: mm/day

n/a : data not available

annual precipitation at Shinta: 2409.8

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		0.02		0.00	5.6	0.00	15.5	2.57		n/a	6.0	n/a		0.46	81.1	10.63	4.5	0.00		n/a		n/a		n/a
2		0.01		0.00	19.2	0.23		0.94		n/a		n/a	0.5	0.43	3.8	1.97	1.5	0.00	1.5	n/a	14.5	n/a		n/a
3		0.09		0.00	0.6	0.08	0.5	0.28		n/a		n/a		0.30		0.25		0.00	8.0	n/a	17.5	n/a		n/a
4		0.05		0.00		0.00		0.06		n/a		n/a	15.8	0.26	9.3	0.25	4.0	0.00		n/a	1.5	n/a		n/a
5		0.02	1.7	0.00		0.00		0.04		n/a		n/a	1.0	0.89	1.1	0.24	2.0	0.00		n/a		n/a		n/a
6		0.00	4.6	0.06	13.5	0.25		0.06		n/a		n/a		0.15	0.5	0.15	25.0	1.25	33.0	n/a		n/a		n/a
7		0.01		0.00	0.5	0.07	2.0	0.13		n/a		n/a		0.12	16.3	0.32	1.0	0.19	52.5	n/a		n/a		n/a
8	73.5	10.14		0.00	0.5	0.00	45.9	8.32		n/a	13.4	n/a		0.18	1.6	0.61	0.5	0.13		n/a	2.5	n/a	6.5	n/a
9	19.5	24.09	17.1	0.11		0.00	19.9	8.76		n/a	0.6	n/a		0.11		0.09		0.02		n/a		n/a		n/a
10	0.5	2.03	0.6	0.05		0.00	0.5	1.62	8.4	n/a		n/a		0.07		0.05		0.00		n/a	0.5	n/a		n/a
11		0.86	0.6	0.00		0.00	64.8	30.94		n/a		n/a		0.00	4.4	0.06	18.5	0.26		n/a	3.0	n/a	1.0	n/a
12		0.51		0.00		0.00		6.58		n/a		n/a		0.00	13.6	0.38	15.0	2.24		n/a		n/a		n/a
13		0.35		0.00	8.3	0.01		1.24	56.2	n/a	0.6	n/a		0.00		0.11	2.5	0.11	2.5	n/a	34.0	n/a		n/a
14		0.23		0.00	1.6	0.00		0.52		n/a	3.9	n/a		0.00	7.6	0.24	0.5	0.02	17.0	n/a	32.5	n/a		n/a
15		0.13		0.00	5.7	0.00		0.33		n/a		n/a		0.00	28.8	5.68		0.03	16.0	n/a		n/a		n/a
16		0.08		0.00		0.00		0.25		n/a		n/a		0.00	14.7	2.11	8.0	0.04	26.0	n/a		n/a		n/a
17		0.05		0.00	2.1	0.00	21.1	0.39		n/a		n/a		0.00	10.3	3.31	63.0	12.55	15.5	n/a		n/a		n/a
18		0.03		0.00		0.00	90.4	n/a	5.4	n/a	38.3	n/a		0.00	7.2	1.28	17.0	15.14		n/a	8.0	n/a		n/a
19		0.04		0.00		0.00		n/a		n/a		0.62		0.00		0.63		0.60	59.0	n/a		n/a		n/a
20	5.6	0.05		0.00		0.00		n/a		n/a		0.10		0.00	0.6	0.28		0.22	9.0	n/a		n/a		n/a
21	0.6	0.03		0.00	33.1	0.93		n/a		n/a	110.2	46.54		0.00	2.8	0.18		0.10	14.5	n/a		n/a		n/a
22		0.04		0.00		0.50		n/a		n/a		4.45		0.00		0.13	12.0	0.10	179.5	n/a	2.5	n/a		n/a
23		0.02	5.6	0.00		0.02		n/a		n/a		0.71		0.00		0.18	21.0	2.64	26.0	n/a	113.0	n/a		n/a
24		0.00		0.00		0.00		n/a		n/a		0.35		0.00		0.24		0.45		n/a		n/a	2.5	n/a
25		0.00		0.00		0.00		n/a		n/a	36.2	7.24		0.00		0.21		0.19	9.5	n/a		n/a	44.5	n/a
26		0.00		0.00	17.6	0.21		n/a	28.7	n/a		1.81	4.4	0.00		0.13		0.10		n/a		n/a	1.0	n/a
27		0.00		0.00	39.8	8.14	9.2	n/a		n/a	0.5	0.70	4.4	0.00		0.00	3.0	0.09		n/a		n/a		n/a
28		0.00		0.00	2.6	0.73		n/a		n/a	2.6	0.58		0.00		0.00	164.5	n/a	5.5	n/a		n/a	1.0	n/a
29		0.00				0.17		n/a		n/a		0.57	8.8	0.00		0.00		n/a	146.0	n/a		n/a	1.5	n/a
30	2.5	0.03				0.05		n/a		n/a	1.6	0.51		0.00		0.00		n/a		n/a		n/a	4.0	n/a
31		0.02			14.5	0.31		n/a		n/a				0.00	16.7	0.05				n/a		n/a	1.0	n/a
total	102.2	38.93	30.2	0.22	165.2	11.70	269.8	n/a	98.7	n/a	213.9	n/a	34.9	2.97	220.4	29.76	361.0	n/a	621.0	n/a	229.5	n/a	63.0	n/a

新田の日降水量と袋山沢Aの日流出量
Annual report of hydrological data at Fukuroyamasawa A in 2018

FUKUROYAMASAWA A 2018 unit: mm/day n/a : data not available annual precipitation at Shinta: 2304.9 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	2.8	n/a	60.4	n/a		0.42		0.13	2.4	0.12		0.16		0.12		0.00	33.6	31.86		0.16		0.13
2		n/a	7.0	n/a		n/a		0.31	17.5	0.25		0.04		0.14		0.07	1.7	0.00		2.10		0.12	5.9	0.12
3		n/a	13.3	n/a		n/a		0.32	17.5	2.81		0.02		0.11		0.06	7.6	0.00		0.96		0.11		0.18
4		n/a		n/a		n/a		0.68		0.31		0.02	1.2	0.09		0.04	3.1	0.01		0.56	6.3	0.11	11.8	1.18
5	0.5	n/a		n/a	32.7	n/a		0.78		0.12		0.01	2.3	0.08		0.02	14.8	0.82	48.2	4.07	2.3	0.15	0.5	0.53
6	5.9	n/a		n/a	2.7	n/a	1.1	0.14		0.07	32.4	1.84	11.6	0.11		0.00		0.00		4.42	3.4	0.22	13.1	1.12
7		n/a		n/a		0.16	11.2	0.34	29.6	2.16	3.5	0.70		0.22	10.3	0.00	0.5	0.00	0.7	1.20	3.4	0.48		0.69
8	41.3	n/a		n/a	31.0	1.92		0.11	20.5	3.72	2.5	0.17		0.27	69.8	9.06	3.1	0.00		0.73		0.29		0.36
9	27.2	n/a		n/a	90.2	58.07		0.10	57.8	33.87	8.6	0.79	2.3	0.42	18.1	10.47	0.5	0.00		0.55	9.2	0.10		0.26
10		n/a	6.3	n/a	1.9	2.86		0.06	0.5	2.89	20.7	0.81		0.65		0.99	112.3	25.89		0.45		1.07		0.11
11		n/a	1.4	n/a		0.42	0.5	0.07		1.05	45.0	18.16		0.57		0.29	2.0	4.88	2.8	0.37		0.37	10.9	0.11
12		n/a		n/a		0.09		0.09		0.59		3.79	4.1	0.20		0.16	0.5	0.32	0.7	0.39	5.2	0.37	33.8	10.78
13		n/a		n/a		0.01		0.01	55.8	15.55		0.99		0.31		0.19		0.12	0.7	0.40	13.2	0.79		1.57
14		n/a		n/a		0.00	17.0	0.13		8.88		0.45		0.24		0.29	4.1	0.12	23.1	0.85	4.6	1.52		0.64
15		n/a		n/a		0.00	31.4	3.19		1.44	4.6	0.47		0.10	6.1	0.21	17.9	0.83	0.7	0.37		0.42		0.30
16		n/a		n/a	7.7	0.00		0.17		0.69	12.6	0.76		0.01		0.05	0.5	0.25		0.34		0.26		0.19
17	26.3	n/a		n/a	0.5	0.00	4.0	0.07		0.38		0.32		0.00	16.1	0.45	11.2	0.20	2.1	0.17		0.23	6.5	0.53
18	0.5	n/a		n/a		0.00	23.5	2.84		0.23	8.1	0.23		0.00		0.02	2.0	0.86		0.16	0.5	0.12		0.33
19		n/a		n/a		0.00		0.43		0.18	0.5	0.29		0.00		0.01	2.1	0.32	3.2	0.13	5.9	0.18		0.10
20	5.0	n/a		n/a	9.8	0.03		0.15		0.09	50.1	6.19		0.00	19.4	0.35	40.4	6.08	0.5	0.07		0.11		0.07
21		n/a		n/a	51.0	5.41		0.07		0.08	41.0	44.00		0.00	0.6	0.13	25.9	13.23		0.09	12.3	0.13		0.04
22	4.5	n/a	5.6	n/a	23.2	10.56		0.04		0.07		2.90		0.00	0.6	0.03	1.0	2.79		0.03	39.1	13.43	7.3	0.11
23	24.6	n/a		n/a		0.32		0.02	25.1	0.32	23.3	4.78		0.00		0.02		0.97	3.2	0.04		1.45	4.5	0.24
24		n/a		n/a	1.5	0.05		0.00	19.8	6.86	19.2	12.55		0.00	4.4	0.03	1.6	0.48	1.1	0.06	0.5	0.62		0.17
25		n/a		n/a		0.00	57.1	14.10		0.48		3.28		0.00		0.01	35.7	6.88		0.07		0.41		0.01
26		n/a		n/a		0.00		1.39		0.21		1.32		0.00		0.00	22.3	4.29	0.5	0.05		0.32		0.00
27		n/a		n/a		0.00		0.37		0.14		0.82	0.5	0.00		0.00	13.5	11.40	101.6	43.61	10.2	0.99		0.00
28		n/a	0.7	n/a		0.00		0.17		0.09		0.49	85.7	8.46		0.00		2.15		1.93		0.61		0.00
29		n/a		n/a		0.00		0.11		0.06		0.31	28.9	10.89		0.00	2.1	0.99		0.74	1.1	0.44		0.00
30		n/a		n/a		0.00		0.11	11.6	0.16		0.21		0.35		0.00	98.9	63.90		0.41		0.22		0.00
31		n/a		n/a		0.00		0.00	1.9	0.24				0.16		0.00				0.27				0.00
total	135.8	n/a	37.1	n/a	312.6	n/a	145.8	26.79	257.6	84.12	274.5	106.83	136.6	23.54	145.4	23.07	425.3	147.78	222.7	97.45	117.2	25.80	94.3	19.87

新田の日降水量と袋山沢Aの日流出量
Annual report of hydrological data at Fukuroyamasawa A in 2019

FUKUROYAMASAWA A 2019 unit: mm/day n/a : data not available annual precipitation at Shinta: 2882.7 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		0.00	4.2	0.06	3.8	0.79	6.2	0.00	20.0	5.49		0.11	11.8	1.83		0.55		0.03		0.26		n/a		n/a	
2		0.00		0.00		0.12		0.00	5.6	4.12		0.13	0.5	1.37		0.15		0.00		0.17		n/a	17.8	n/a	
3		0.00		0.00	18.4	0.76	0.6	0.00		0.98	2.5	0.06	4.5	0.77		0.10		0.00		0.09	0.5	n/a		n/a	
4		0.00	0.5	0.00	25.6	6.02		0.00	3.3	0.37		0.04	98.1	52.98		0.10		0.00	40.6	4.22	0.5	n/a		n/a	
5		0.00		0.00	1.0	1.44		0.00	10.7	0.39		0.03	5.5	12.08		0.12		0.00		0.37		n/a		n/a	
6		0.00	18.6	0.66	5.1	0.34		0.00	0.5	0.80		0.04	38.3	17.20		0.11		0.00		0.22		n/a		1.09	
7		0.00		0.12	29.2	6.06		0.00	4.0	0.24	36.8	1.51	31.4	16.53		0.09		0.00	2.0	0.22		n/a	23.2	3.46	
8		0.00		0.02		1.70	15.8	0.09		0.13	15.6	5.88	4.5	9.25		0.04	44.4	0.32	6.6	0.31		n/a		2.63	
9		0.00	4.2	0.03		0.33		0.00		0.14	6.6	0.42	2.0	3.23		0.05	160.8	217.27		0.07		n/a		1.48	
10		0.00	2.1	0.03	7.7	0.16	49.5	4.07		0.07	137.7	76.01		1.58		0.07		2.31	9.1	0.12		n/a	1.6	1.28	
11		0.00	3.2	0.02	42.4	16.53	2.0	1.36		0.04	4.0	19.20	2.0	0.93		0.03		0.87	15.7	0.82	10.5	n/a	4.7	1.26	
12	4.5	0.00		0.01		1.38	1.5	0.07		0.03	1.5	2.29	8.5	0.87		0.00		0.51	145.5	89.16		n/a		1.44	
13	1.9	0.00	2.1	0.00		0.50		0.01		0.02		1.00	1.0	0.60	5.6	0.07		0.33	0.5	11.57	4.5	n/a		0.55	
14		0.00		0.00		0.17	18.9	0.37	30.1	1.73		0.56	54.8	25.94	8.1	0.14	1.3	0.27	15.7	2.51	6.5	n/a		0.40	
15		0.00	0.5	0.00		0.09	34.7	12.11	0.5	0.56	69.8	28.20	10.5	3.59	0.5	0.01	3.4	0.21	2.0	2.50		n/a		0.27	
16		0.00		0.00	3.1	0.06		0.46		0.13	25.1	26.14	31.4	14.99	1.0	0.01	104.9	27.27	2.5	1.24		n/a		0.22	
17		0.00		0.00		0.08		0.14		0.06		2.26	2.5	5.69		0.00		3.15		0.89		n/a	20.6	3.01	
18		0.00		0.00		0.03		0.11		0.03		1.05		2.54		0.00	20.9	2.31	1.5	0.58	19.0	n/a	0.5	1.44	
19		0.00	4.9	0.00		0.01		0.09		0.03		0.65	0.5	1.47		0.00		1.49	110.5	135.86	25.0	n/a	7.0	1.00	
20		0.00		0.00		0.00		0.03	1.5	0.02		0.41	0.5	0.91		0.00		0.99	0.5	5.48		n/a		0.93	
21		0.00		0.00	3.1	0.01		0.03	112.7	54.07		0.27		0.77		0.00		0.93	12.5	2.70		n/a		0.64	
22		0.00		0.00		0.02		0.03		6.49	4.6	0.27		0.55		0.00	0.6	0.48	44.0	33.01	53.0	n/a	30.7	1.90	
23		0.00	1.1	0.00	2.5	0.00		0.01		1.21	1.0	0.21	9.1	0.73	5.8	0.00	9.7	1.63		4.96	89.6	n/a	13.5	13.86	
24		0.00		0.00		0.00	4.2	0.01		0.53	47.2	7.77		0.50		0.00		2.45		2.34	31.9	n/a		2.77	
25		0.00	6.0	0.00		0.00	13.5	0.28		0.29		1.82		0.31		0.00		3.02	257.0	n/a		n/a		1.47	
26		0.00		0.00	5.6	0.01	6.0	0.14		0.19		0.71	1.6	0.33		0.00		2.80		n/a		n/a		1.15	
27		0.00	4.4	0.00		0.00	8.8	0.64		0.14		0.46	19.4	1.47	14.7	0.11		2.42		n/a	4.2	n/a	0.5	0.98	
28		0.00	35.6	2.69		0.00		0.08	4.9	0.17	13.9	1.10		0.41	19.9	0.65		1.80		n/a	23.0	n/a		0.56	
29		0.00				0.00		0.02	13.3	0.48	7.7	0.78		0.34		0.06	2.4	0.51	9.0	n/a	0.5	n/a		0.41	
30		0.00			3.1	0.00	29.8	1.93		0.10	6.2	1.17		0.48	21.0	0.95		0.24		n/a		n/a	5.4	0.46	
31	17.3	0.00			1.9	0.00				0.09				0.47		0.08					n/a			7.5	0.79
total	23.7	0.00	87.4	3.64	152.5	36.61	191.5	22.08	207.1	79.14	380.2	180.55	338.4	180.71	76.6	3.49	348.4	273.61	675.2	n/a	268.7	n/a	133.0	n/a	

新田の日降水量と袋山沢Aの日流出量
Annual report of hydrological data at Fukuroyamasawa A in 2020

FUKUROYAMASAWA A 2020 unit: mm/day n/a : data not available annual precipitation at Shinta: 2234.9 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		0.18		n/a	1.6	0.00	43.8	9.08		0.02	2.8	0.02	45.9	27.51		n/a		0.00	7.6	0.05		0.40		0.00
2		0.11		n/a	8.1	0.10	1.6	7.70		0.01	0.6	0.01	10.2	10.74		n/a	3.8	0.00		0.00	17.6	0.43	10.6	0.00
3		0.09		n/a		0.06	1.0	1.01		0.03		0.00	1.3	2.03		n/a	6.0	0.00		0.00	12.7	0.84	0.5	0.00
4		0.07		n/a	28.7	1.55		0.49	8.2	0.10		0.00	56.4	n/a		n/a		0.00		0.00		0.07		0.00
5		0.04		n/a	3.2	1.88	0.5	0.27		0.07		0.00	15.6	6.81		n/a	7.0	0.00		0.00		0.02	5.5	0.00
6		0.02		n/a		0.13		0.13	2.2	0.10		0.00	52.5	18.55		n/a	6.0	0.04		0.00		0.01		0.00
7	3.8	0.03		n/a	2.0	0.07		0.08	4.4	0.09		0.00	0.6	8.88		n/a	6.5	0.04	4.8	0.00		0.02		0.00
8	21.4	1.68		n/a	15.8	0.79		0.05		0.04		0.00	1.3	2.41		0.07	0.5	0.01	45.5	1.54	0.5	0.02		0.00
9		0.40		n/a	1.5	0.47		0.03		0.04		0.00	44.1	6.89		0.09	4.9	0.01	65.0	20.46		0.01		0.00
10		0.15		n/a	48.4	39.69		0.01	2.2	0.09		0.00	2.6	8.85		0.10	14.6	0.25	88.8	53.71		0.00	1.8	0.00
11		0.09		n/a		14.07		0.01		0.03	18.2	0.07	1.9	2.05		0.07	19.5	0.22	11.1	11.44		0.00		0.00
12		0.06		n/a		0.32	11.8	0.02		0.01	24.1	1.79	10.4	1.26		0.02	9.2	1.07	0.5	2.14		0.00	0.9	0.00
13		0.05	4.0	n/a		0.12	57.8	12.79		0.00	15.5	0.61	4.5	0.79		0.02	0.5	0.03		0.91		0.00		0.00
14		0.03	0.6	n/a	16.2	0.56	0.5	1.35		0.00	2.1	0.47	31.8	3.81		0.02		0.02		0.40		0.00		0.00
15	8.2	0.11		n/a		0.48		0.33		0.00	0.5	0.10		3.01		0.01		0.00	19.6	0.68		0.00		0.00
16		0.04	12.1	n/a		0.10	0.5	0.16	25.2	0.30		0.06		1.12		0.00	2.2	0.00	0.5	0.74		0.00	0.5	0.00
17	3.0	0.03	3.5	n/a		0.03	0.5	0.07	1.1	0.14		0.03	49.9	8.50		0.00		0.00	31.2	5.84		0.00		0.00
18	26.8	1.29		n/a		0.02	123.7	71.19	4.4	0.03	5.1	0.03	80.4	69.36		0.00		0.00	3.2	2.93		0.00		0.00
19	0.5	1.88		n/a	28.1	0.48		5.35	38.4	4.98	36.6	5.12	3.9	8.16		0.00		0.00	13.7	1.56		0.00		0.00
20		0.41		0.00	4.2	3.70	13.8	2.29	1.1	0.30		1.31		2.21		0.00	1.6	0.00		1.62		0.00		0.00
21		0.18		0.00		0.23		1.47	1.7	0.07		0.20		1.06		0.00	4.9	0.00		0.62		0.00		0.00
22		0.09	8.7	0.01		0.10		0.70	14.0	0.38	44.5	9.13	3.4	0.84	1.7	0.00	12.4	0.03	2.7	0.39	1.6	0.00		0.00
23	8.4	0.20		0.00	0.5	0.09	1.3	0.36	11.8	1.62	5.6	5.85	1.1	0.72	9.1	0.05	19.5	1.01	1.8	0.48		0.00		0.00
24	0.5	0.20		0.00	0.5	0.09		0.20		0.32	1.4	1.04		0.58		0.00	39.5	2.68	2.7	0.73	2.2	0.00		0.00
25		0.11		0.00		0.07		0.10		0.12	35.7	16.23	5.2	0.60		0.00	22.2	3.17		0.41	8.2	0.00		0.00
26	12.9	0.69	9.2	0.01		0.03		0.07		0.06	0.5	2.43	21.2	1.26		0.00	34.6	7.97		0.30		0.00		0.00
27	9.9	0.41		0.00		0.04	8.9	0.06		0.04		0.88		1.43	6.2	0.00		0.36		0.29		0.00		0.00
28	81.8	n/a		0.00	30.7	0.96		0.08		0.03	56.5	31.15	2.3	0.35	4.0	0.00		0.12		0.31		0.00	0.9	0.00
29	35.2	n/a	4.3	0.00	64.1	29.85		0.04	9.0	0.09		4.16	0.6	0.26		0.00		0.06		0.37		0.00		0.00
30		n/a				2.75		0.03		0.04	20.4	3.74	1.1	n/a		0.00		0.03		0.32		0.00	20.2	0.55
31		n/a				0.77				0.01				n/a		0.00				0.31				0.01
total	212.4	n/a	42.4	n/a	253.6	99.60	265.7	115.52	123.7	9.16	270.1	84.43	448.2	n/a	21.0	n/a	215.4	17.12	298.7	108.55	42.8	1.82	40.9	0.56

附表-1. 新田の日降水量と袋山沢Aの日流出量

Supplementary Table 1. Annual report of hydrological data at Fukuroyamasawa A in 2021

FUKUROYAMASAWA A 2021 unit: mm/day n/a : data not available annual precipitation at Shinta: 2921.0 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		0.00		0.00		0.00		0.28	20.6	1.58	11.4	0.38	107.0	47.26		0.18	3.7	0.18	175.1	111.77	2.2	0.47	75.4	34.86
2		0.00	18.4	1.34	17.7	0.02		0.16	3.1	2.15		0.12	77.1	55.03	1.6	0.04	32.1	1.68	54.4	13.83	0.6	0.39	1.7	2.28
3		0.00		0.19	0.5	0.00		0.17		0.45	1.0	0.15	117.2	n/a	1.6	0.03	8.0	0.54	1.6	34.22		0.26		1.07
4		0.00		0.04		0.00	21.0	0.56		0.21	73.0	24.66	10.7	7.82		0.04	4.8	0.20		3.04		0.17		0.68
5		0.00		0.01	1.0	0.00	46.1	18.07		0.15		7.30		3.03		0.02	46.0	14.99		1.65		0.13		0.52
6		0.00		0.01	6.9	0.01		1.90	8.8	0.29	7.8	1.56		1.61		0.03		1.06		1.12		0.25		0.40
7		0.00		0.00		0.00		0.84	2.6	0.23		0.88	0.5	0.98	8.5	0.01		0.35	1.9	0.79		0.27	10.6	0.47
8		0.00		0.00	18.1	0.17		0.44		0.15		0.67	1.0	0.61	181.4	n/a	0.5	0.21	6.7	0.89	5.6	0.28	46.9	14.39
9		0.00		0.00	0.5	0.16	2.1	0.23		0.10		0.45	1.0	0.43	1.6	n/a	114.5	73.88		0.78	68.2	21.69	0.6	2.23
10		0.00		0.00		0.00	0.5	0.11		0.07		0.34		0.31		1.11		11.80		0.78		3.43		0.93
11		0.00		0.00		0.00		0.06		0.07		0.33		0.26		0.60		2.86		0.82		1.16		0.55
12	10.3	0.00		0.00	6.9	0.01		0.05		0.09		0.33		0.24	1.6	0.80	1.1	1.64		0.84		0.61		0.39
13		0.00		0.00	88.3	32.72	9.7	0.08	22.2	0.41		0.25	2.0	0.25	4.2	0.66		1.06	10.9	1.16		0.33		0.26
14		0.00		0.00		1.77	13.3	0.29	0.5	0.23	8.9	0.32	0.5	0.22	5.3	0.71	21.9	1.04	0.5	1.02		0.25	3.9	0.18
15	2.7	0.00	70.3	18.09		0.28		0.18		0.03		0.26		0.36	50.9	10.05	15.5	9.48		0.59		0.17	0.6	0.13
16		0.00		0.92		0.11		0.05	14.8	0.22		0.18		0.54	14.3	4.87		1.79	13.3	0.60		0.10		0.07
17		0.00		0.14		0.04	60.0	5.25	1.1	0.37		0.07		0.54	5.8	2.57	0.5	1.05	21.4	3.06		0.06	51.4	13.41
18		0.00		0.04		0.02	6.7	23.75	0.5	0.13		0.07		0.11	2.7	2.06	66.9	24.08		0.54		0.04		1.33
19		0.00		0.01	0.5	0.03		0.97	19.5	1.70	20.3	0.44		0.17		1.60	1.1	9.79	7.1	0.34		0.04		0.51
20		0.00		0.00		0.03		0.45	20.8	2.82	22.3	2.99		0.20		1.20	0.5	2.65	2.4	0.48		0.02		0.29
21		0.00		0.00	92.0	28.86		0.25	11.4	4.24		0.31		0.02		1.03		1.46		0.24	7.7	0.03		0.21
22		0.00		0.00	0.5	8.71		0.16	4.7	1.53		0.15		0.05		1.13		1.03	31.8	3.59	94.5	33.43		0.13
23	20.4	0.00		0.00		0.89		0.11	0.5	0.61		0.10		0.03		1.45		0.69	0.5	1.50		5.80		0.07
24	22.4	1.16		0.00		0.34		0.08		0.27		0.09		0.03		0.47		0.44		0.33		1.18		0.05
25	2.0	0.32		0.00	5.1	0.24		0.09		0.17		0.09		0.01		0.32		0.32	18.0	0.37		0.55	10.8	0.21
26	1.5	0.00	0.5	0.00		0.16		0.07		0.12		0.07	5.7	0.03		0.07		0.28	31.8	15.72		0.31		0.08
27	62.7	13.66		0.00		0.06		0.07	52.4	12.04	4.1	0.05	54.8	5.80		0.09		0.22	6.4	1.95		0.18		0.02
28	11.5	1.09		0.00	16.4	0.18		0.13		2.71	2.0	0.04		0.24		0.06		0.19	1.6	1.30		0.09		0.01
29	0.5	0.64			65.3	n/a	70.6	7.60		0.74	29.4	2.62		0.13		0.07	1.0	0.21		0.65		0.07		0.00
30		0.10				1.76	0.5	8.43		0.36		0.45	6.7	0.12		0.06	18.1	0.48	0.5	0.35	5.7	0.07		0.01
31		0.02				0.68				0.20				0.18		0.27			11.7	0.65				0.00
total	134.0	16.99	89.2	20.79	319.7	n/a	230.5	70.88	183.5	34.44	180.2	45.72	384.2	n/a	279.5	n/a	336.2	165.65	397.6	204.97	184.5	71.83	201.9	75.74