

丸山沢流域の日降水量と日流出量

MARUYAMASAWA 2004

unit: mm/day

n/a : data not available

annual precipitation: n/a

annual runoff:

852.6

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	n/a	0.7	n/a	0.4	2.8	0.4	2.0	6.5	1.5	22.2	5.3	2.2	10.0	3.8		1.5	2.0	1.0		1.6	0.5	0.8	2.0	1.9
2	n/a	0.6	n/a	0.4	0.8	0.3		4.5		18.5	10.0	2.2		2.2		1.2		0.8	2.5	1.5	9.5	1.0		1.7
3	n/a	0.6	n/a	0.4	9.3	0.4	3.8	3.5	15.0	15.2	0.3	1.9		1.7		1.0		0.7		1.2	0.5	0.9	6.0	1.8
4	n/a	0.6	n/a	0.4	18.5	0.4	0.8	2.8	29.5	18.8		1.7		1.4		0.9		0.7		1.1	3.0	0.9	10.5	3.6
5	n/a	0.6	n/a	0.4	11.3	0.4	0.8	2.5		17.8	0.8	1.6	1.8	1.2		0.9		0.6		1.0		0.9	26.5	3.1
6	n/a	0.5	n/a	0.4	17.5	0.4	0.5	3.4		15.5	0.3	1.5	4.8	1.3		0.9	0.5	0.6		1.0		0.9	1.0	2.7
7	n/a	0.5	n/a	0.4	32.0	0.4	1.5	6.9	14.5	13.5		1.4	0.3	1.1		0.8		0.6		0.9		0.8	6.0	2.4
8	n/a	0.6	n/a	0.4		0.4	0.3	6.9		10.3	0.5	1.3	4.5	1.1		0.7	13.0	1.0		0.8		0.7	0.5	2.2
9	n/a	0.5	n/a	0.4	1.3	0.4	2.3	5.2		7.6		1.3	56.8	4.7		0.7		0.8		0.8	2.0	0.7		1.9
10	n/a	0.5	n/a	0.4	2.3	0.5		5.0	2.5	6.5	8.5	1.4	6.5	3.3		0.7	4.0	0.7	0.5	0.8		0.7	3.5	1.9
11	n/a	0.5	n/a	0.4	0.8	1.3		6.4	0.5	5.7		1.2	2.3	3.0	1.0	0.7		0.6	4.5	0.8	2.0	0.7	6.0	2.0
12	n/a	0.5	n/a	0.4	1.0	0.9	6.0	6.9		4.9	0.5	1.1		2.6		0.7		0.6	2.5	0.8	15.5	1.5	0.5	1.8
13	n/a	0.5	n/a	0.4	0.8	0.7	0.3	8.4	37.8	5.3		1.1		2.3	3.5	0.7	22.0	1.1		0.7	10.5	1.5	6.5	1.7
14	n/a	0.5	n/a	0.4	7.0	0.7		11.6	2.8	5.8	4.8	1.0		2.0		0.6	10.0	1.7		0.7	3.0	1.4		1.5
15	n/a	0.5	n/a	0.4	9.0	0.6		13.4		4.7	29.3	1.9		1.8	2.0	0.6		1.3		0.7	11.5	2.9	0.5	1.5
16	n/a	0.5	n/a	0.4	5.3	0.6	0.3	12.2	9.3	4.5		1.2		1.6	15.0	0.9		1.0	1.0	0.7	13.0	3.6	7.5	1.5
17	n/a	0.4	n/a	0.4	4.0	1.7	0.3	9.4	6.5	4.2		1.0	0.8	1.4		0.7		0.8		0.6	9.0	3.0	1.0	1.4
18	n/a	0.4	n/a	0.3	1.3	3.0		8.6	6.0	4.3		0.9	24.5	2.7		0.6		0.8		0.6		2.4		1.3
19	n/a	0.4	n/a	0.4	4.5	1.8		12.9		3.7		0.9		1.6	0.5	0.6	13.0	1.2		0.6		2.3	1.0	1.2
20	n/a	0.5	n/a	0.3	1.3	1.4	15.3	20.6		3.2		0.9	18.0	2.2	50.5	3.1		0.9		0.6		2.3	4.5	1.2
21	n/a	0.5	n/a	0.4	7.3	1.2	6.5	18.6	29.8	3.7		0.8	0.5	1.8	13.0	2.6		0.8		0.6		2.3	1.0	1.2
22	n/a	0.5	n/a	0.4	24.0	1.2		13.5	0.5	4.0	16.0	1.1		1.5		2.4	10.0	0.9	20.5	1.0		2.3		1.1
23	n/a	0.5	n/a	0.4	20.3	1.3		9.5		3.6		0.9		1.3		1.7	3.5	1.0	8.5	1.1		2.4	4.5	1.1
24	n/a	0.4	n/a	0.4		1.8	2.0	7.7	3.8	3.3	4.0	0.9		1.2		1.4	11.5	0.9	3.5	1.2	0.5	2.6		1.0
25	n/a	0.4	n/a	0.4		2.0	9.5	6.5	0.3	3.0		0.8		1.1		1.2	26.0	5.5	1.5	1.0	0.5	2.5		1.0
26	n/a	0.4	n/a	0.4	1.0	1.9		5.7		2.7		0.8	4.5	1.1		1.0		3.0	3.5	0.9	5.5	2.3		0.9
27	n/a	0.4	n/a	0.4	1.3	2.0	2.5	5.3		2.4		0.7	0.5	1.0		0.9		2.4	0.5	0.8	9.0	3.2	1.0	0.9
28	n/a	0.4	n/a	0.4	1.0	2.0	18.5	7.3		2.2		0.7	21.3	1.4		0.9		2.0		0.8	1.0	2.6	0.5	0.9
29	n/a	0.4	n/a	0.4		2.6		11.7	12.5	2.2		0.6		1.0		0.8		1.8		0.9	1.0	2.3		0.8
30	n/a	0.4			10.8	3.3	17.5	18.0	0.3	2.0	55.8	2.5	0.3	0.9	3.5	0.8	9.5	2.0		0.9	1.0	2.0	4.5	0.8
31	n/a	0.4			9.3	8.4			29.3	2.7				1.8	8.0	1.0			2.0	0.8				0.8
total	n/a	15.1	n/a	11.4	205.8	44.4	90.7	261.4	202.4	224.0	136.1	37.5	157.4	57.1	97.0	33.2	125.0	37.8	51.0	27.5	98.5	54.4	95.0	48.8

丸山沢流域の日降水量と日流出量

MARUYAMASAWA 2005

unit: mm/day

annual precipitation: 1230.0

annual runoff:

856.3

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		0.7	0.5	0.4	0.5	0.3		0.3	1.5	14.5		2.3		1.1		2.2	5.0	1.7	8.5	1.1		1.2	5.0	1.3
2		0.7	1.0	0.4	5.0	0.3		0.3	6.5	17.0		2.0	3.5	1.1		1.9	6.5	1.7	3.5	1.1		1.2	0.5	1.2
3	4.0	0.7		0.4		0.3	10.5	0.4		17.4	1.5	1.6		1.1	2.0	7.8		1.5	2.5	1.1		1.2		1.2
4	6.0	0.7		0.4		0.3		0.4		15.6	4.5	1.5		0.9	39.0	7.2		1.4	1.0	1.0	1.0	1.2		1.1
5	1.0	0.6	0.5	0.4		0.3		0.4		13.6	1.0	1.5	9.0	0.7	5.0	5.6		1.3	0.5	1.0		1.1		1.1
6	0.5	0.6		0.4		0.3		1.2		13.7		1.6	11.0	0.7		4.4		1.2		1.0		1.1		1.1
7	5.0	0.6		0.4		0.3	29.5	2.7	14.0	12.6		1.3	2.5	1.0		3.6	135.0	4.8	1.0	0.9	40.5	2.3		1.0
8		0.6		0.4	3.0	0.3	2.0	4.0		10.3		1.2		1.0		3.0	21.5	13.6	11.0	1.1	12.0	2.0		1.0
9		0.6	1.5	0.4	8.5	0.3		2.5	5.0	9.6		1.3		0.9		2.4		6.4		1.1	6.5	2.0	1.0	1.0
10		0.5	0.5	0.3	1.5	0.3	21.5	1.9	3.5	9.5		1.1	5.5	0.9		2.1		4.9	0.5	1.0	3.5	1.7	1.0	1.0
11		0.5	1.5	0.3	10.5	0.3		1.9		7.9	2.5	1.1	3.5	1.6		1.8		4.0		0.9	3.0	1.9	1.5	1.0
12		0.5	0.5	0.3	10.5	0.3		2.3		8.4	42.5	1.7		1.2		1.6	0.5	3.3		0.9	3.0	2.0		1.0
13	1.5	0.5	2.5	0.3	0.5	0.3		2.7		10.1	2.5	2.4		0.9		1.4	1.0	2.8		0.9	12.5	1.9	1.5	1.0
14		0.5	0.5	0.3		0.3		2.3		10.9		1.7		1.0		1.3	6.5	2.6	21.5	1.0	7.0	1.8	1.5	1.0
15		0.5	0.5	0.3		0.3	2.0	2.6	4.5	10.3		1.5		0.9		1.3		2.1	10.0	1.7		1.6		0.9
16		0.5	0.5	0.3		0.3		3.8	1.0	9.9		1.3		0.9		1.2		1.8	1.0	1.4	1.0	1.6	2.0	0.9
17		0.5		0.3	6.0	0.3	4.5	4.3		9.3		1.1		0.8		1.1	3.5	1.7		1.2		1.5	12.5	0.9
18	0.5	0.5		0.3	4.0	0.3	0.5	3.5	11.0	8.8		1.1	7.0	1.2		1.0	19.0	2.0		1.2		1.5	12.0	1.0
19		0.5		0.3	0.5	0.3		3.9	22.0	10.8		1.1	27.0	0.9	1.5	1.4	0.5	1.6		1.2		1.4	1.0	0.9
20	11.0	0.5	17.0	0.3	0.5	0.3	0.5	4.9		10.2		1.0	2.0	1.2	12.0	1.6	5.0	1.5		1.2	1.5	1.4		0.9
21		0.4		0.3	1.5	0.3	15.0	5.1	0.5	8.5		1.0		0.8	36.0	1.5		1.5		1.2	6.5	1.4		0.9
22	0.5	0.4	1.0	0.3	0.5	0.3		4.3		7.3		1.0		0.9	68.0	20.8	1.0	1.4		1.2	9.5	1.4		0.9
23		0.4	8.5	0.3		0.5	1.0	3.5	3.5	6.3		1.0		0.8		12.7	4.5	1.4		1.2	3.0	1.4		0.9
24	9.0	0.4	2.0	0.3		0.5		3.3	2.5	5.3		1.0		0.7		8.2		1.3	1.0	1.2	0.5	1.4		0.8
25	0.5	0.4		0.3	5.0	0.5	0.5	4.2		4.4	25.5	0.8		1.2		5.5		1.2	4.5	1.2	0.5	1.4	2.5	0.8
26		0.4	1.0	0.3	1.0	0.4	0.5	9.0		3.6	3.5	1.8	11.0	0.9	9.0	4.5		1.1		1.2	2.0	1.4	7.5	0.8
27	1.5	0.4	1.5	0.3	7.0	0.4	1.5	13.5		2.9	13.0	1.6	50.0	5.3	4.0	4.1	2.0	1.2		1.2	3.5	1.3	2.5	0.8
28	1.0	0.4	0.5	0.3		0.4	4.0	18.7		2.6		1.6		4.2		3.2	0.5	1.2		1.2		1.3	2.0	0.8
29	10.5	0.4			4.0	0.4		23.8		2.8		1.0	5.0	3.1	1.0	2.6		1.1	11.5	1.6	10.0	1.4		0.8
30	4.0	0.4			6.5	0.4		19.3		2.6		1.1	1.0	2.8		2.2		1.0	1.5	1.5		1.3		0.8
31	1.5	0.4			0.5	0.4				2.5				2.3		2.0				1.3				0.7
total	58.0	15.7	41.5	9.3	77.0	10.5	93.5	151.0	75.5	279.2	96.5	41.3	138.0	43.0	177.5	121.2	212.0	74.3	79.5	36.0	127.0	45.3	54.0	29.5

丸山沢流域の日降水量と日流出量

MARUYAMASAWA 2006

unit: mm/day

annual precipitation: 1204.5

annual runoff: 1110.5

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		1.0	1.5	0.9	6.5	1.0		1.0	13.5	20.0	2.0	3.1		1.9		1.1		2.6		1.3		1.9		2.0	
2	6.0	1.0	2.5	0.8	8.0	1.0	4.5	0.9		18.6	1.5	3.3		1.8		1.1		2.2	0.5	1.2	2.0	1.6		1.9	
3	0.5	1.0		0.9	0.5	0.9	9.0	1.0		16.3		3.0		1.7		1.1		1.9	7.0	1.4		1.5		1.8	
4		1.0		0.9		0.9		0.9		18.8		2.8		1.6	16.5	2.6		1.8		1.2		1.5		1.7	
5		1.0		0.8	2.5	0.9		1.0	2.0	18.7		2.6		1.5		1.7	9.0	1.9		1.1		1.5		1.7	
6		1.0	0.5	0.8	2.5	0.9	0.5	1.0		19.3		2.5	2.0	1.4		1.3		1.7		1.1	1.5	1.6		1.6	
7		0.9		0.8		0.9		1.0		21.4		2.3	7.5	1.4		1.2	22.5	1.8	55.5	4.3		3.3	11.5	1.6	
8		0.9		0.8	8.0	0.9		1.0		20.8	4.0	2.2		1.3		1.1		1.7	9.5	8.5	0.5	6.0	0.5	1.5	
9		0.9	2.5	0.8	0.5	0.8		1.0		19.4	7.5	2.1		1.2		1.1		1.5			9.8		4.6	1.0	1.5
10	1.0	0.9	6.0	0.8		0.8		1.1	12.5	19.8	14.0	2.5		1.2		1.0	3.5	1.5	3.0	7.4		4.6	1.0	1.5	
11	9.0	1.0	2.0	0.8	13.0	0.9		1.1	15.5	23.4		2.1		1.1		1.0		1.5	38.0	7.4		4.5		1.4	
12	2.5	1.0	2.0	0.8	2.0	1.3	1.5	1.8		17.4		1.9	34.5	1.9		1.0		1.3	0.5	7.6		5.9		1.3	
13		0.9	1.5	0.8	0.5	1.1	14.5	4.5		12.5		1.8		1.3	5.0	1.0		1.2	2.5	6.2		5.3	4.5	1.4	
14	1.0	0.9	9.0	0.8	0.5	1.0	1.0	4.1	11.0	10.6		1.8	0.5	1.2		1.0		1.1		5.2		5.2		1.3	
15		0.9	0.5	0.9		1.0		4.2		8.6		1.7		1.2		0.9		1.1		4.5		4.6		1.3	
16		0.9	0.5	0.8		1.0	3.5	4.1		6.9	2.5	1.6		2.4		1.0		1.1		3.8		4.2	1.5	1.3	
17		0.9	2.0	0.8		1.1	4.0	3.3		6.0	1.0	1.6	40.0	3.7		1.0		1.0	10.5	3.6		3.7		1.2	
18		0.9	0.5	0.8		1.2	1.0	2.6		5.4		1.6	57.0	4.1	124.5	12.6	14.0	1.1		3.1	0.5	3.3		1.2	
19		0.9	0.5	0.8	6.5	1.2		2.1	5.5	4.8		1.5	5.0	3.4	22.5	37.8	12.0	1.2	2.5	2.8	0.5	3.0		1.2	
20	5.0	0.9	0.0	0.8		1.1	19.0	2.7	3.0	4.5		1.5	27.5	2.9		15.8	7.0	1.3	4.0	2.8	0.5	2.9		1.1	
21	6.0	0.9		0.9	2.0	1.1	2.0	12.3		3.8	5.5	1.5	0.5	2.7		9.7		1.1		2.5	6.0	2.9		1.1	
22		0.9	0.5	0.9		1.0		10.3	0.5	3.4	8.0	1.7		2.4	6.0	6.9	4.0	1.1		2.3	13.0	3.5	0.5	1.1	
23		0.9	1.5	1.0		1.0		10.4	20.0	3.6	19.0	3.0		2.2	6.5	7.2		1.1		2.1		3.4	4.0	1.1	
24	1.0	0.9		0.9	2.0	1.0	17.0	10.6		3.3		3.5		1.9	3.5	5.7		1.0		1.9		3.1		1.1	
25		0.9	0.5	0.9	2.5	1.0	1.5	7.6		2.8		2.6		1.7		4.7		0.9		1.9	1.0	2.8		1.1	
26	4.5	0.9	40.0	0.9	5.0	1.0		6.9		2.5		2.2		1.6		3.9		0.9		1.8	0.5	2.7	1.5	1.1	
27		0.9	3.0	1.5	0.5	1.0	2.5	8.7		2.3	24.0	2.4		1.5		3.4	37.5	1.3		1.7	3.5	2.6	20.5	1.7	
28		0.9		1.0	2.0	1.0	0.5	10.5	8.5	2.5		2.9		1.4		3.1	6.0	2.7	0.5	1.7		2.4	1.5	1.6	
29		0.9			18.5	1.0		12.5	3.0	2.9		2.3		1.3	0.5	2.8		1.7	2.5	1.8	4.5	2.3		1.4	
30		0.9			3.0	1.0		15.5	6.5	2.6		2.1		1.2	26.0	3.0		1.4	0.0	1.6	0.5	2.2		1.2	
31		0.9				1.0			1.5	2.6				1.2	1.5	2.8			9.0	1.6				1.1	
total	36.5	28.7	77.0	24.4	86.5	31.0	82.0	145.7	103.0	325.5	89.0	67.7	174.5	57.3	212.5	139.6	115.5	43.7	145.5	105.2	34.5	98.6	48.0	43.1	

丸山沢流域の日降水量と日流出量

MARUYAMASAWA 2007

unit: mm/day

annual precipitation: 993.5

annual runoff: 666.4

666.4

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	4.5	1.1	1.5	0.8		0.7	1.5	0.9		14.5		1.6		0.7		0.5		0.4	2.5	1.5	0.5	1.6	1.5	1.0	
2		1.1	0.5	0.8		0.8	3.0	1.0	34.5	16.1		1.5		0.7	12.0	0.6		0.4	0.5	1.5	1.5	1.8	0.5	1.0	
3		1.0	3.0	0.8		0.8	1.5	1.0	3.0	18.5		1.4		0.7	1.5	0.6	6.5	0.4		1.3	0.5	1.5		1.0	
4		1.0	3.5	0.8		0.8	0.5	1.0		19.5		1.4		0.7	13.5	0.7	1.0	0.5	1.0	1.2		1.4	2.5	0.9	
5		0.9		0.8	13.5	0.8	0.5	1.1	6.5	20.1		1.4		0.7	0.5	0.6		0.5	0.5	1.2		1.3	5.0	0.9	
6	1.5	0.9	1.0	0.8		0.8		1.2	6.5	17.8		1.3		0.9	0.5	0.6	40.0	0.7		1.1		1.2	8.5	0.9	
7	42.0	1.1	0.5	0.8		0.8		1.8	9.5	17.3	7.5	1.4		0.8	1.5	0.6	39.5	2.2	1.5	1.0		1.2	0.5	0.9	
8		1.0	3.0	0.8		0.7	2.0	2.2		13.7		1.3		0.7		0.5	8.0	1.8	26.0	1.8	0.5	1.1		0.9	
9	6.5	1.0	0.5	0.8		0.7	9.5	2.3		10.5		1.3		0.7	16.5	1.0		0.9	4.5	1.7	0.5	1.1	0.5	0.9	
10	6.5	1.0	0.5	0.8		0.7	1.0	2.4	0.5	8.3		1.2		0.7	6.0	0.7	15.0	1.6		1.5		1.0		0.9	
11	4.0	1.0	1.5	0.8	13.0	0.8	0.5	2.1		7.0		1.2		0.6	7.5	0.9		1.4	9.5	1.4	6.5	1.0		0.8	
12	1.0	1.0	0.5	0.8	1.0	0.7	6.0	1.9	1.0	6.0		1.2		0.8		0.7		1.0	2.0	1.8	10.0	2.2		0.9	
13		1.0		0.7	7.5	0.7		1.8	6.0	5.7		1.1		0.7		0.6	0.5	0.8		1.5		1.8	1.5	0.8	
14	2.0	1.0		0.8	2.0	0.7	7.5	1.7		5.3		1.1		0.6		0.6		0.7	4.0	1.4		1.6	10.5	0.9	
15	4.5	1.0	7.5	0.8		0.7		1.6		4.6	9.0	1.2		0.6		0.6	45.0	1.8		1.3	0.5	1.4		0.9	
16	1.0	0.9		0.8	1.5	0.7	0.5	1.6		4.1		1.1		0.7	3.0	0.6	28.0	6.7	0.5	1.2	1.0	1.3	0.5	0.8	
17	1.5	0.9		0.8		0.7	1.0	1.8	0.5	3.7		1.0		0.7	6.5	0.6		2.9	5.5	1.5	8.5	1.3	5.0	0.8	
18	3.0	0.9		0.8		0.7		2.0	4.0	3.9		1.0		0.6		0.5		1.9		1.4	2.5	1.4	0.5	0.8	
19	6.0	0.9	0.5	0.8		0.7		2.8	0.5	3.4		1.0		0.6		0.5		1.7	0.5	1.3	9.5	1.2		0.8	
20	0.5	0.9		0.8		0.7	3.0	3.9		3.1		1.0		0.6		0.5	7.5	1.8	4.5	1.4	29.5	1.2		0.8	
21		0.9	1.5	0.7		0.7	5.0	6.3	0.5	2.8	1.0	1.0		0.6	2.0	0.5	16.5	2.3		1.4	10.5	1.2	1.5	0.8	
22		0.9		0.8		0.7		8.1		2.6		1.0		0.6	8.5	0.8		4.8	7.5	1.3	6.0	1.1		0.7	
23	0.5	0.9	15.0	1.0	1.0	0.8		9.0	1.0	2.4	23.5	1.1		0.6		0.5		2.7		1.2	2.0	1.1		0.8	
24	2.5	0.9		1.0	0.5	0.8		10.3		2.1		0.9		0.6		0.5		2.1	0.5	1.1		1.1		0.8	
25	0.5	0.9		0.9	1.5	0.9		11.6	2.0	2.0		0.9	0.5	0.5		0.5	8.0	2.1		1.1		1.1	0.5	0.7	
26		0.8		0.8		1.0	11.0	11.2	19.5	2.3		0.8	1.0	0.5		0.5		1.8		1.0	5.5	1.3		0.7	
27		0.8	0.5	0.8	0.5	0.9	0.5	9.8		2.0		0.8		0.5		0.5	8.5	1.6		1.0	1.0	1.3		0.7	
28		0.8		0.8	0.5	0.9		8.3		1.9	0.5	0.8	36.5	1.3		0.4	28.0	2.4		1.0	3.5	1.1	0.5	0.7	
29	9.5	0.8				0.8		9.9		1.8		0.8		0.6		0.4	0.5	1.9	12.0	1.0		1.1	4.5	0.7	
30	3.0	0.8				0.9		12.9		1.7		0.8		0.5		0.4		1.6	0.5	1.4	0.5	1.0		0.8	
31	5.0	0.8				0.9			14.0	1.7				0.5		0.4				1.1				1.0	0.8
total	105.5	28.9	41.0	22.7	42.5	24.0	54.5	133.5	109.5	226.4	41.5	33.6	38.0	20.6	79.5	17.9	252.5	53.4	83.5	40.6	100.5	39.0	45.0	25.8	

丸山沢の日流出量

MARUYAMAZAWA

2008

unit: mm/day

n/a : data not available

annual precipitation: n/a

annual runoff:

608.6

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	n/a	0.8	n/a	0.6	n/a	0.6	n/a	2.9	n/a	2.4	n/a	1.6	n/a	0.8	n/a	1.1	n/a	1.2	n/a	0.8	n/a	1.0	n/a	1.3
2	n/a	0.8	n/a	0.6	n/a	0.6	n/a	2.7	n/a	2.3	n/a	1.5	n/a	0.7	n/a	1.2	n/a	1.1	n/a	0.8	n/a	0.9	n/a	1.3
3	n/a	0.8	n/a	0.6	n/a	0.6	n/a	2.7	n/a	2.1	n/a	1.4	n/a	0.7	n/a	4.6	n/a	1.2	n/a	0.8	n/a	1.0	n/a	1.3
4	n/a	0.8	n/a	0.6	n/a	0.6	n/a	2.8	n/a	2.0	n/a	1.6	n/a	0.7	n/a	6.9	n/a	1.2	n/a	1.0	n/a	1.0	n/a	1.2
5	n/a	0.8	n/a	0.6	n/a	0.6	n/a	2.9	n/a	1.9	n/a	1.5	n/a	0.7	n/a	3.2	n/a	1.0	n/a	0.8	n/a	1.0	n/a	3.3
6	n/a	0.7	n/a	0.6	n/a	0.6	n/a	3.2	n/a	2.1	n/a	1.6	n/a	0.7	n/a	2.4	n/a	0.9	n/a	0.8	n/a	1.7	n/a	3.9
7	n/a	0.7	n/a	0.6	n/a	0.6	n/a	4.4	n/a	2.3	n/a	2.1	n/a	0.8	n/a	2.1	n/a	1.1	n/a	0.8	n/a	5.1	n/a	2.8
8	n/a	0.7	n/a	0.6	n/a	0.6	n/a	5.5	n/a	2.0	n/a	1.7	n/a	0.7	n/a	1.8	n/a	1.0	n/a	0.8	n/a	3.0	n/a	2.5
9	n/a	0.7	n/a	0.6	n/a	0.7	n/a	6.9	n/a	2.0	n/a	1.6	n/a	0.8	n/a	1.6	n/a	0.9	n/a	1.0	n/a	2.3	n/a	2.4
10	n/a	0.7	n/a	0.6	n/a	0.9	n/a	8.9	n/a	1.9	n/a	1.5	n/a	0.8	n/a	1.4	n/a	0.9	n/a	0.9	n/a	1.9	n/a	2.6
11	n/a	0.7	n/a	0.6	n/a	1.0	n/a	9.9	n/a	1.8	n/a	1.4	n/a	1.1	n/a	1.3	n/a	0.9	n/a	1.1	n/a	1.7	n/a	2.4
12	n/a	0.7	n/a	0.6	n/a	0.8	n/a	8.4	n/a	1.7	n/a	1.2	n/a	0.9	n/a	1.1	n/a	0.9	n/a	1.0	n/a	1.6	n/a	2.2
13	n/a	0.7	n/a	0.6	n/a	0.8	n/a	7.1	n/a	1.7	n/a	1.2	n/a	0.8	n/a	1.1	n/a	0.9	n/a	0.9	n/a	1.6	n/a	2.1
14	n/a	0.7	n/a	0.6	n/a	0.9	n/a	6.5	n/a	1.6	n/a	1.5	n/a	0.7	n/a	1.1	n/a	0.9	n/a	0.9	n/a	1.9	n/a	2.0
15	n/a	0.7	n/a	0.6	n/a	1.4	n/a	7.2	n/a	1.7	n/a	1.3	n/a	0.8	n/a	1.2	n/a	0.8	n/a	0.8	n/a	2.3	n/a	1.9
16	n/a	0.7	n/a	0.6	n/a	1.6	n/a	8.2	n/a	1.7	n/a	1.6	n/a	0.7	n/a	1.2	n/a	0.8	n/a	0.8	n/a	3.0	n/a	1.8
17	n/a	0.7	n/a	0.6	n/a	1.6	n/a	8.5	n/a	1.6	n/a	1.3	n/a	0.8	n/a	1.0	n/a	0.8	n/a	0.8	n/a	3.0	n/a	1.8
18	n/a	0.7	n/a	0.6	n/a	1.3	n/a	8.2	n/a	1.6	n/a	1.3	n/a	1.4	n/a	0.9	n/a	0.8	n/a	0.8	n/a	3.2	n/a	1.9
19	n/a	0.6	n/a	0.6	n/a	1.4	n/a	7.6	n/a	1.5	n/a	1.3	n/a	1.4	n/a	0.9	n/a	0.8	n/a	0.8	n/a	2.8	n/a	1.8
20	n/a	0.6	n/a	0.6	n/a	1.7	n/a	6.9	n/a	2.4	n/a	1.4	n/a	0.7	n/a	1.0	n/a	0.8	n/a	0.8	n/a	2.4	n/a	1.7
21	n/a	0.6	n/a	0.6	n/a	2.1	n/a	6.2	n/a	2.8	n/a	1.2	n/a	0.8	n/a	1.0	n/a	0.8	n/a	0.8	n/a	2.3	n/a	1.7
22	n/a	0.6	n/a	0.6	n/a	2.7	n/a	5.4	n/a	2.1	n/a	1.2	n/a	1.0	n/a	0.9	n/a	0.8	n/a	0.8	n/a	2.1	n/a	1.6
23	n/a	0.6	n/a	0.6	n/a	3.3	n/a	4.8	n/a	1.9	n/a	1.1	n/a	1.5	n/a	0.9	n/a	0.8	n/a	0.8	n/a	2.0	n/a	1.5
24	n/a	0.6	n/a	0.6	n/a	3.6	n/a	4.5	n/a	1.7	n/a	1.0	n/a	1.5	n/a	0.9	n/a	0.8	n/a	0.9	n/a	1.8	n/a	1.5
25	n/a	0.6	n/a	0.6	n/a	4.5	n/a	4.3	n/a	1.7	n/a	0.9	n/a	1.2	n/a	1.0	n/a	0.8	n/a	1.0	n/a	1.6	n/a	1.5
26	n/a	0.6	n/a	0.6	n/a	5.6	n/a	3.6	n/a	1.9	n/a	0.9	n/a	1.0	n/a	0.9	n/a	0.9	n/a	0.9	n/a	1.6	n/a	1.5
27	n/a	0.6	n/a	0.6	n/a	5.2	n/a	3.3	n/a	2.7	n/a	0.9	n/a	1.0	n/a	1.1	n/a	0.9	n/a	0.9	n/a	1.5	n/a	1.4
28	n/a	0.6	n/a	0.6	n/a	4.2	n/a	3.1	n/a	2.2	n/a	0.8	n/a	0.9	n/a	1.0	n/a	0.8	n/a	0.9	n/a	1.5	n/a	1.4
29	n/a	0.6	n/a	0.6	n/a	3.4	n/a	2.8	n/a	2.0	n/a	0.8	n/a	0.9	n/a	1.6	n/a	0.8	n/a	1.0	n/a	1.4	n/a	1.3
30	n/a	0.6			n/a	3.0	n/a	2.5	n/a	1.8	n/a	0.8	n/a	1.0	n/a	1.2	n/a	0.8	n/a	0.9	n/a	1.4	n/a	1.3
31	n/a	0.6			n/a	2.9			n/a	1.6			n/a	1.0	n/a	1.1			n/a	0.9			n/a	1.3
total	n/a	20.9	n/a	17.4	n/a	59.4	n/a	161.9	n/a	60.7	n/a	39.2	n/a	28.5	n/a	48.7	n/a	27.1	n/a	27.0	n/a	59.6	n/a	58.2

丸山沢の日流出量

MARUYAMAZAWA

2009

unit: mm/day

n/a : data not available

annual precipitation: n/a

annual runoff:

912.8

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	n/a	1.3	n/a	0.9	n/a	0.8	n/a	1.1	n/a	13.1	n/a	1.8	n/a	0.7	n/a	3.7	n/a	0.7	n/a	0.6	n/a	2.8	n/a	1.1
2	n/a	1.2	n/a	0.9	n/a	0.8	n/a	1.2	n/a	14.9	n/a	1.5	n/a	0.7	n/a	5.6	n/a	0.7	n/a	0.9	n/a	2.3	n/a	1.0
3	n/a	1.2	n/a	0.9	n/a	0.8	n/a	1.7	n/a	15.4	n/a	1.4	n/a	0.7	n/a	4.3	n/a	0.6	n/a	1.8	n/a	1.9	n/a	0.9
4	n/a	1.2	n/a	0.9	n/a	0.8	n/a	2.4	n/a	15.3	n/a	1.3	n/a	0.6	n/a	3.6	n/a	0.6	n/a	1.2	n/a	2.2	n/a	0.8
5	n/a	1.1	n/a	0.9	n/a	0.8	n/a	3.3	n/a	13.8	n/a	1.3	n/a	0.6	n/a	3.1	n/a	1.4	n/a	0.9	n/a	2.5	n/a	0.8
6	n/a	1.1	n/a	0.9	n/a	0.8	n/a	3.5	n/a	11.6	n/a	1.3	n/a	0.6	n/a	2.7	n/a	1.1	n/a	0.8	n/a	2.4	n/a	1.0
7	n/a	1.1	n/a	0.8	n/a	0.8	n/a	2.8	n/a	8.8	n/a	1.6	n/a	0.6	n/a	2.4	n/a	1.0	n/a	0.7	n/a	2.2	n/a	1.0
8	n/a	1.0	n/a	0.9	n/a	0.8	n/a	2.8	n/a	7.7	n/a	1.5	n/a	1.5	n/a	2.1	n/a	4.2	n/a	0.9	n/a	2.2	n/a	0.9
9	n/a	1.0	n/a	0.9	n/a	0.8	n/a	3.8	n/a	6.8	n/a	1.4	n/a	0.9	n/a	1.9	n/a	2.3	n/a	2.4	n/a	2.1	n/a	0.8
10	n/a	1.1	n/a	0.9	n/a	0.8	n/a	6.0	n/a	6.1	n/a	1.3	n/a	3.1	n/a	1.7	n/a	1.9	n/a	1.8	n/a	1.8	n/a	0.8
11	n/a	1.1	n/a	0.8	n/a	0.8	n/a	7.4	n/a	5.4	n/a	1.6	n/a	2.0	n/a	1.6	n/a	1.6	n/a	3.2	n/a	1.6	n/a	0.7
12	n/a	1.1	n/a	0.9	n/a	0.8	n/a	8.7	n/a	4.9	n/a	1.7	n/a	1.4	n/a	1.5	n/a	1.4	n/a	2.5	n/a	1.4	n/a	0.7
13	n/a	1.0	n/a	0.8	n/a	0.8	n/a	12.7	n/a	5.0	n/a	1.6	n/a	2.4	n/a	1.5	n/a	1.6	n/a	2.2	n/a	1.3	n/a	0.7
14	n/a	1.0	n/a	0.9	n/a	1.1	n/a	16.3	n/a	4.6	n/a	1.7	n/a	2.8	n/a	1.4	n/a	1.3	n/a	1.9	n/a	2.9	n/a	0.7
15	n/a	1.0	n/a	0.9	n/a	1.1	n/a	16.3	n/a	4.0	n/a	1.7	n/a	3.4	n/a	1.3	n/a	1.1	n/a	1.7	n/a	3.7	n/a	0.6
16	n/a	1.0	n/a	0.8	n/a	1.0	n/a	15.0	n/a	3.7	n/a	1.7	n/a	3.5	n/a	1.2	n/a	1.1	n/a	1.5	n/a	3.7	n/a	0.6
17	n/a	1.0	n/a	0.8	n/a	0.9	n/a	13.6	n/a	3.6	n/a	1.6	n/a	3.0	n/a	1.3	n/a	1.0	n/a	1.4	n/a	3.3	n/a	0.6
18	n/a	1.0	n/a	0.8	n/a	0.9	n/a	13.4	n/a	3.9	n/a	1.4	n/a	2.7	n/a	1.1	n/a	0.9	n/a	1.3	n/a	3.0	n/a	0.6
19	n/a	1.0	n/a	0.8	n/a	1.3	n/a	14.2	n/a	3.6	n/a	1.2	n/a	6.5	n/a	1.1	n/a	0.8	n/a	1.2	n/a	2.7	n/a	0.6
20	n/a	1.0	n/a	0.8	n/a	2.1	n/a	15.1	n/a	2.5	n/a	1.2	n/a	9.0	n/a	1.3	n/a	0.8	n/a	1.3	n/a	2.4	n/a	0.6
21	n/a	0.9	n/a	0.8	n/a	1.8	n/a	14.0	n/a	1.8	n/a	1.1	n/a	7.0	n/a	1.9	n/a	0.7	n/a	1.3	n/a	2.2	n/a	0.6
22	n/a	0.9	n/a	0.8	n/a	1.5	n/a	17.2	n/a	1.7	n/a	1.1	n/a	8.3	n/a	1.2	n/a	0.7	n/a	1.2	n/a	1.9	n/a	0.6
23	n/a	1.0	n/a	0.8	n/a	1.6	n/a	16.3	n/a	1.8	n/a	1.3	n/a	6.2	n/a	1.2	n/a	0.7	n/a	1.1	n/a	1.8	n/a	0.6
24	n/a	0.9	n/a	0.8	n/a	1.6	n/a	13.9	n/a	1.8	n/a	1.1	n/a	5.0	n/a	1.0	n/a	0.7	n/a	1.0	n/a	1.7	n/a	0.5
25	n/a	1.0	n/a	0.8	n/a	1.4	n/a	12.7	n/a	1.6	n/a	0.9	n/a	4.8	n/a	0.9	n/a	0.7	n/a	0.9	n/a	1.6	n/a	0.5
26	n/a	0.9	n/a	0.8	n/a	1.4	n/a	11.0	n/a	1.5	n/a	0.9	n/a	4.4	n/a	0.8	n/a	0.7	n/a	1.2	n/a	1.5	n/a	0.5
27	n/a	0.9	n/a	0.8	n/a	1.4	n/a	8.8	n/a	1.4	n/a	0.8	n/a	4.5	n/a	0.8	n/a	0.6	n/a	1.5	n/a	1.4	n/a	0.5
28	n/a	0.9	n/a	0.8	n/a	1.3	n/a	7.3	n/a	1.4	n/a	0.8	n/a	9.8	n/a	0.9	n/a	0.6	n/a	1.2	n/a	1.3	n/a	0.5
29	n/a	0.9			n/a	1.3	n/a	7.3	n/a	1.4	n/a	0.7	n/a	7.9	n/a	0.9	n/a	0.8	n/a	1.1	n/a	1.1	n/a	0.5
30	n/a	0.9			n/a	1.2	n/a	10.2	n/a	1.3	n/a	0.7	n/a	6.0	n/a	0.7	n/a	0.6	n/a	1.3	n/a	1.1	n/a	0.5
31	n/a	0.9			n/a	1.2			n/a	1.7			n/a	4.6	n/a	0.7			n/a	1.0			n/a	0.5
total	n/a	31.6	n/a	23.6	n/a	34.5	n/a	280.0	n/a	172.1	n/a	39.2	n/a	115.2	n/a	55.4	n/a	32.9	n/a	43.0	n/a	64.0	n/a	21.3

丸山沢の日流出量

MARUYAMAZAWA

2010

unit: mm/day

n/a : data not available

annual precipitation: n/a

annual runoff:

755.9

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	n/a	0.5	n/a	0.4	n/a	0.6	n/a	0.7	n/a	8.9	n/a	1.8	n/a	1.1	n/a	4.2	n/a	3.5	n/a	0.8	n/a	0.8	n/a	0.9
2	n/a	0.5	n/a	0.3	n/a	0.5	n/a	2.0	n/a	9.9	n/a	1.7	n/a	1.0	n/a	4.0	n/a	3.0	n/a	0.8	n/a	1.5	n/a	0.9
3	n/a	0.5	n/a	0.3	n/a	0.5	n/a	1.8	n/a	11.8	n/a	1.6	n/a	1.0	n/a	3.5	n/a	4.5	n/a	0.8	n/a	1.2	n/a	2.0
4	n/a	0.5	n/a	0.3	n/a	0.5	n/a	1.5	n/a	12.3	n/a	1.8	n/a	0.9	n/a	3.2	n/a	4.0	n/a	2.0	n/a	1.0	n/a	2.4
5	n/a	0.5	n/a	0.3	n/a	0.5	n/a	1.5	n/a	13.1	n/a	1.5	n/a	0.9	n/a	2.7	n/a	2.9	n/a	1.5	n/a	1.0	n/a	1.9
6	n/a	0.5	n/a	0.3	n/a	0.5	n/a	1.8	n/a	10.5	n/a	1.4	n/a	0.8	n/a	2.3	n/a	2.6	n/a	1.2	n/a	0.9	n/a	1.8
7	n/a	0.5	n/a	0.3	n/a	0.4	n/a	2.2	n/a	9.3	n/a	1.4	n/a	0.8	n/a	3.0	n/a	5.5	n/a	1.0	n/a	0.8	n/a	1.7
8	n/a	0.5	n/a	0.3	n/a	0.4	n/a	1.9	n/a	9.3	n/a	1.3	n/a	0.9	n/a	5.7	n/a	4.0	n/a	0.9	n/a	0.8	n/a	1.5
9	n/a	0.4	n/a	0.3	n/a	0.4	n/a	2.0	n/a	9.1	n/a	1.2	n/a	0.8	n/a	5.2	n/a	3.4	n/a	1.0	n/a	1.5	n/a	1.4
10	n/a	0.4	n/a	0.3	n/a	0.4	n/a	2.8	n/a	9.2	n/a	1.2	n/a	0.8	n/a	4.5	n/a	3.1	n/a	1.5	n/a	1.9	n/a	1.3
11	n/a	0.4	n/a	0.3	n/a	0.4	n/a	5.5	n/a	8.8	n/a	1.1	n/a	0.8	n/a	3.9	n/a	2.7	n/a	1.3	n/a	1.8	n/a	1.3
12	n/a	0.4	n/a	0.3	n/a	0.3	n/a	5.4	n/a	8.4	n/a	1.1	n/a	2.8	n/a	5.3	n/a	2.4	n/a	1.1	n/a	1.6	n/a	1.2
13	n/a	0.4	n/a	0.3	n/a	0.4	n/a	5.9	n/a	8.1	n/a	1.0	n/a	2.4	n/a	5.5	n/a	2.1	n/a	1.1	n/a	1.7	n/a	1.1
14	n/a	0.4	n/a	0.3	n/a	0.3	n/a	8.0	n/a	6.7	n/a	1.0	n/a	1.7	n/a	5.3	n/a	1.9	n/a	1.0	n/a	1.7	n/a	1.1
15	n/a	0.4	n/a	0.3	n/a	0.3	n/a	5.6	n/a	5.6	n/a	1.0	n/a	1.4	n/a	4.5	n/a	1.8	n/a	1.0	n/a	1.6	n/a	1.0
16	n/a	0.4	n/a	0.3	n/a	0.6	n/a	4.3	n/a	5.1	n/a	1.0	n/a	1.2	n/a	4.4	n/a	1.6	n/a	1.6	n/a	1.4	n/a	1.0
17	n/a	0.4	n/a	0.3	n/a	0.5	n/a	3.7	n/a	4.8	n/a	1.2	n/a	1.1	n/a	3.7	n/a	1.6	n/a	1.3	n/a	1.4	n/a	0.9
18	n/a	0.4	n/a	0.3	n/a	0.5	n/a	3.5	n/a	4.4	n/a	0.9	n/a	1.2	n/a	3.2	n/a	1.5	n/a	1.2	n/a	1.3	n/a	0.9
19	n/a	0.4	n/a	0.3	n/a	0.5	n/a	3.4	n/a	4.0	n/a	1.0	n/a	1.2	n/a	3.0	n/a	1.7	n/a	1.0	n/a	1.2	n/a	0.8
20	n/a	0.4	n/a	0.3	n/a	0.5	n/a	3.4	n/a	3.6	n/a	1.0	n/a	1.1	n/a	2.6	n/a	1.4	n/a	1.0	n/a	1.2	n/a	0.8
21	n/a	0.4	n/a	0.3	n/a	2.2	n/a	3.3	n/a	3.2	n/a	1.2	n/a	1.0	n/a	2.3	n/a	1.4	n/a	1.0	n/a	1.1	n/a	0.8
22	n/a	0.4	n/a	0.3	n/a	1.5	n/a	3.2	n/a	2.8	n/a	1.0	n/a	0.9	n/a	3.5	n/a	1.2	n/a	0.9	n/a	1.3	n/a	0.8
23	n/a	0.4	n/a	0.3	n/a	1.1	n/a	3.2	n/a	2.4	n/a	0.9	n/a	1.3	n/a	3.9	n/a	1.1	n/a	0.9	n/a	1.9	n/a	0.8
24	n/a	0.4	n/a	0.3	n/a	1.0	n/a	3.3	n/a	2.1	n/a	2.4	n/a	3.8	n/a	14.7	n/a	1.0	n/a	0.9	n/a	1.4	n/a	0.8
25	n/a	0.4	n/a	0.4	n/a	0.8	n/a	3.4	n/a	2.9	n/a	1.5	n/a	2.8	n/a	11.1	n/a	1.0	n/a	0.9	n/a	1.2	n/a	0.8
26	n/a	0.4	n/a	1.6	n/a	0.8	n/a	3.5	n/a	2.6	n/a	1.2	n/a	2.1	n/a	8.9	n/a	0.9	n/a	0.9	n/a	1.2	n/a	0.7
27	n/a	0.4	n/a	1.1	n/a	0.7	n/a	5.1	n/a	2.7	n/a	1.1	n/a	2.5	n/a	6.5	n/a	0.9	n/a	0.8	n/a	1.1	n/a	0.7
28	n/a	0.4	n/a	0.8	n/a	0.6	n/a	6.2	n/a	2.4	n/a	1.0	n/a	2.9	n/a	5.1	n/a	1.1	n/a	0.8	n/a	1.1	n/a	0.7
29	n/a	0.4			n/a	0.6	n/a	6.8	n/a	2.2	n/a	1.0	n/a	3.4	n/a	4.2	n/a	1.1	n/a	0.8	n/a	1.0	n/a	0.7
30	n/a	0.4			n/a	0.6	n/a	8.8	n/a	2.1	n/a	0.9	n/a	4.6	n/a	3.6	n/a	0.9	n/a	0.7	n/a	1.0	n/a	0.6
31	n/a	0.4			n/a	0.6			n/a	1.9			n/a	4.1	n/a	3.2			n/a	0.7			n/a	0.6
total	n/a	13.2	n/a	11.2	n/a	19.5	n/a	113.7	n/a	190.2	n/a	37.4	n/a	53.3	n/a	146.7	n/a	65.8	n/a	32.4	n/a	38.6	n/a	33.9

東郷ダムの日降水量と丸山沢の日流出量

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	1.3		0.8		1.2	6.5	1.4	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	1.2		0.8		1.3	80.0	9.2	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	1.2		0.8		1.2	47.0	15.2	5.0	2.5		1.7	7.5	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	1.3	12.5	1.0		1.2	16.0	19.1		2.3		1.5	13.5	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	1.3		0.8		1.2	35.5	14.7		n/a	0.5	1.4	3.5	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	1.2		0.8		1.2	23.0	14.7	0.5	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	1.1		0.7		1.3	4.5	14.2	25.5	n/a		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	1.1	2.0	0.8		1.3		10.7		n/a		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	1.0	2.5	0.7		1.3		8.2		n/a		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	1.1	33.0	2.3	8.0	1.4		6.2	14.5	n/a		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	1.0		1.1	0.5	1.4		4.6		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	1.0		1.0		1.3	17.5	4.9	22.0	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	5.0	0.9	2.5	0.9		1.3	4.0	4.7		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	10.5	1.4	87.5	5.0	79.5	2.8	1.5	4.1		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	3.5	1.4	2.5	6.4	54.5	5.5		3.6	1.5	n/a	1.0	0.9	1.0	0.9
16	n/a	0.5	n/a	0.4	n/a	0.4	n/a	9.2	n/a	3.4		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		1.0	10.0	6.7	18.5	24.9	3.0	3.0	3.0	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	1.0	0.9	0.5	6.5	0.5	13.1	2.5	3.0		n/a	0.5	0.8		0.8
19	n/a	0.5	n/a	0.4	n/a	0.4	n/a	6.7	n/a	2.5		0.9		5.4		8.8	0.5	2.8		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		0.9		4.4		6.0		2.4		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		0.8		3.6	2.5	4.6	12.0	2.2		1.6	3.0	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	8.5	1.0		2.9		3.6	36.0	6.8	20.0	1.8		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	4.0	1.0		2.5	3.5	3.1	4.5	5.5	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	18.5	2.0		2.1	1.5	2.7	6.0	4.8		2.6	8.0	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		1.2		1.9	2.5	2.4		4.2	10.0	3.0		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		1.0		1.7	3.5	2.2		3.8		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		0.9	18.0	1.6		1.9		3.3		2.8	5.0	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	0.5	0.9		1.6		1.7		2.9		2.5	0.5	1.5		0.6
29	n/a	0.4			n/a	0.5	n/a	11.8	n/a	1.5		0.9		1.4		1.6		2.6		2.4	0.5	1.5	0.5	0.6
30	n/a	0.4			n/a	0.8	n/a	10.3	n/a	1.4		0.9		1.3		1.5	9.0	2.6		2.2		1.5	2.0	0.6
31	n/a	0.4			n/a	1.2			n/a	1.3				1.2	2.0	1.4				2.1				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	32.9	193.0	74.5	256.0	127.9	310.5	188.7	131.5	n/a	40.0	40.1	40.5	26.7

東郷ダムの日降水量と丸山沢の日流出量

MARUYAMAZAWA

2012

unit: mm/day

n/a : data not available annual precipitation at Togodar. 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		0.6		0.4		0.4	1.0	0.8		10.7		1.4		1.0	14.0	n/a		n/a	n/a		n/a			
2	5.0	0.6		0.4		0.4	1.5	0.6		9.7		1.4		0.9	1.0	n/a		n/a	n/a		n/a		1.0	
3		0.6		0.4		0.4		0.6	1.0	8.2		1.4		0.9		n/a		n/a	n/a		n/a		0.5	
4		0.6		0.4		0.4	10.5	0.8	0.5	7.9		1.3		0.9	0.5	n/a		n/a	n/a		n/a		3.5	
5	0.5	0.6		0.4		0.4		0.6	1.0	7.5		1.3	22.5	1.0	4.5	n/a		n/a	n/a		n/a		1.0	
6	0.5	0.6		0.4		0.4	1.5	0.6		6.5	8.5	1.4	0.5	1.0	9.0	n/a		n/a	n/a		n/a		0.5	
7		0.6		0.4	6.0	0.4		0.5	0.5	6.5		1.3		0.9	4.5	n/a		n/a	n/a		n/a		0.5	
8		0.6	1.5	0.4		0.4		0.5	0.5	5.5	1.5	1.3	0.5	0.9		n/a		n/a	n/a		n/a		9.5	
9		0.6		0.4		0.4	1.0	0.5		5.0	0.5	1.3	10.5	1.1		n/a	42.0	n/a	n/a	n/a		n/a	4.0	
10		0.6		0.4		0.4		0.7	0.5	4.4	2.5	1.3	2.5	1.0	98.0	n/a	107.0	n/a	n/a	n/a		n/a	4.0	
11	1.0	0.5		0.4		0.4	1.0	1.4		3.9	2.0	1.3		0.9	31.0	n/a	48.5	n/a	n/a		n/a			
12	0.5	0.5	2.0	0.4		0.4		2.8	0.5	3.4		1.2	22.0	1.3		n/a	10.0	n/a	n/a		n/a			
13	0.5	0.5	1.0	0.4		0.4	0.5	2.7		3.0		1.1	3.0	1.1	32.0	n/a		n/a	n/a		n/a			
14		0.5	1.5	0.4		0.4		3.0		2.7		1.1		0.9	4.0	n/a		n/a	n/a		n/a		1.0	
15	0.5	0.5	2.5	0.4		0.4		4.6	0.5	2.5	1.0	1.1		0.9		n/a		n/a	n/a		n/a		0.5	
16		0.5		0.4		0.4		6.0	7.5	2.7		1.1		0.9	9.0	n/a	4.0	n/a	n/a		1.5		7.5	
17		0.5		0.4		0.4	2.5	5.6	0.5	2.7	16.0	1.4		0.9		n/a		n/a	n/a		12.5			
18		0.5		0.4		0.4	1.5	5.4		2.5		1.2		n/a	0.5	n/a		n/a	n/a		5.5		8.0	
19		0.5		0.4	3.0	0.4	1.0	6.2		2.4		1.1		n/a		n/a	0.5	n/a	n/a		0.5		0.5	
20		0.5		0.4	0.5	0.4		7.6		2.2	7.0	1.1		n/a	11.0	n/a		n/a	n/a		2.0			
21		0.5		0.4		0.3		8.9		2.0	1.0	1.1		n/a	0.5	n/a		n/a	n/a					
22		0.5		0.4	3.0	0.4		10.9		2.0	2.5	1.1		n/a	1.5	n/a		n/a	n/a		11.0		1.0	
23		0.5	3.0	0.4	0.5	0.4		11.8		1.9	1.0	1.1		n/a	3.5	n/a	1.0	n/a	n/a		2.0			
24		0.5	2.0	0.4	1.0	0.4	3.0	13.1		1.8		1.1		n/a	0.5	n/a	0.5	n/a	n/a		0.5			
25		0.5		0.4		0.4		17.7		1.8		1.0		n/a		n/a	19.0	n/a	n/a				0.5	
26		0.5	0.5	0.4		0.3		22.1	13.5	2.1		1.0		n/a		n/a		n/a	n/a		4.0		2.5	
27		0.5		0.4		0.3	3.0	23.8	1.0	1.8		1.0		n/a	3.0	n/a		n/a	n/a		1.0		1.0	
28		0.4		0.4	0.5	0.4	1.0	20.4		1.6		1.0		n/a		n/a		n/a	n/a		0.5		0.5	
29		0.5		0.4		0.5	0.5	15.4	0.5	1.6		1.0		n/a		n/a	2.5	n/a	n/a		1.0			
30		0.4			0.5	0.9	1.0	12.3		1.5		1.0		n/a		n/a	n/a	n/a	n/a		0.5		5.0	
31		0.4			2.5	1.3				1.5				n/a		n/a			n/a				1.0	
total	8.5	16.2	14.0	11.6	17.5	13.6	30.5	207.9	28.0	119.5	43.5	35.5	61.5	n/a	228.0	n/a	n/a	n/a	n/a		n/a		53.5	

東郷ダムの日降水量と丸山沢の日流出量

MARUYAMAZAWA

2013

unit: mm/day

n/a : data not available

annual precipitation at Togo Dam: n/a

annual runoff:

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					1.5												5.5		23.5				0.5	
2	0.5		2.0		4.5				0.5															1.0
3	7.0		3.5				0.5		6.0		0.5						0.5							
4			1.5				1.0		0.5				6.0				11.0							1.0
5	0.5								1.5				1.0				3.5							1.5
6	6.0				2.0				13.5		0.5													1.0
7	2.0		1.0				31.0														16.0			1.5
8	0.5		2.0		2.0		18.0										1.0				16.0			1.0
9					2.5		3.5								8.0				7.5					
10	1.0				10.0		1.0						5.5		1.5						20.0			24.0
11	1.0				2.5		0.5		8.0											19.0	0.5			2.5
12							0.5		10.0						2.0		2.0			17.0	1.0			
13	1.5				4.0		1.5		0.5										2.0					3.0
14			4.5		0.5		18.0		3.0		0.5						4.5							1.5
15			0.5				2.0		5.5		35.5						3.5				12.0			4.5
16					3.0				0.5								61.0		24.5					2.5
17					0.5		4.0				2.0				1.5				33.0					0.5
18					7.0		5.5				4.0				4.0		n/a		7.0					1.0
19			1.0		2.5		3.5				4.0				1.0		n/a				5.5			
20	0.5				5.5		2.0		2.5						7.0		n/a		0.5		0.5			
21	0.5				2.5		2.0		0.5		3.0				0.5		n/a		4.5					
22			0.5		2.0		1.0		7.0		1.0						n/a							
23			0.5		1.0										0.5		n/a				1.0			
24					1.0		2.5								0.5		0.5		1.5					
25	4.0						2.0						13.5		12.0		62.5		29.0		13.0			
26			0.5		0.5		1.0						1.5		1.0				1.0		6.0			
27							8.0				13.0		0.5		4.5				5.5					2.0
28			2.5				11.5								17.0						7.5			1.0
29					1.0		10.0																	0.5
30					0.5		3.5		8.5						14.0		6.5		3.5		1.0			
31															2.5									
total	25.0		20.0		56.5		134.0		68.0		64.0		28.0		77.5		n/a		179.0		100.0			50.5

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:

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	1.0		1.0																		2.5		17.0	
2	2.0								0.5												12.5		2.0	
3	0.5		3.5		1.0		2.5		0.5										26.5		3.0			
4	0.5				2.0		29.0							0.5		11.0		3.0		0.5				
5					4.5		2.0		1.5					52.0		10.5								
6					0.5		0.5		5.5					6.5						3.0				
7					1.5		0.5		1.5					16.0									1.5	
8	0.5										3.0			15.0					2.0					
9			0.5		0.5				2.0		2.5		5.0											
10	1.5		0.5		2.0		6.5				2.0		6.5		8.5		1.0		7.5		9.5			
11							1.5				1.5			47.0		16.5							4.0	
12	0.5										0.5		3.5				0.5				12.5		1.0	
13					0.5						8.0			6.0					0.5		3.0			
14	0.5				1.0				5.0		3.0		3.0	0.5					24.0		1.0			
15			0.5		0.5						2.5													
16			3.0		0.5				25.0		0.5						8.0						8.0	
17					1.5				27.5				20.5				11.0		26.0				14.5	
18					7.5				11.0		2.5						0.5						4.5	
19											9.0			49.5		5.5							1.0	
20														10.5					1.0				3.0	
21					1.5													7.5			2.5		1.0	
22														5.0		1.0					6.5			
23											0.5		11.5	9.5									4.0	
24	0.5																				0.5		2.5	
25	1.0													9.0		0.5								
26	2.0													16.0		0.5								
27									1.0					37.0					5.0					
28	6.0		2.5		2.0									11.0					7.5					
29	0.5				0.5														0.5				4.5	
30	7.0						0.5				2.0						1.5							
31	2.0				1.0																		0.5	
total	26.0		11.5		28.0		43.0		81.0		37.5		114.0		235.5		68.0		111.0		57.0		69.0	

東郷ダムの日降水量と丸山沢の日流出量

MARUYAMAZAWA

2015

unit: mm/day

n/a : data not available

annual precipitation at Togo Dam: 1076.0

annual runoff:

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		3.5								4.5		3.0				1.0				2.5	
2	1.0				12.5								17.0				56.5	16.5						
3	1.0				0.5		21.0				21.5						12.5	7.0					23.0	
4					3.0		0.5		3.0		2.5						18.5	1.5					3.0	
5					0.5		1.0		9.5		1.0												3.5	
6	9.5						0.5								3.5								0.5	
7	1.5												0.5		21.5								0.5	
8	7.5																		23.0		0.5		0.5	
9	2.5		3.0						1.5		9.5								6.5		4.0			
10	1.5		1.0		82.0				0.5		11.0				2.0						12.0			
11	2.0				6.5		1.5				3.0				0.5				1.0		7.5		4.0	
12									2.5						10.5		0.5							
13			3.5		2.0				17.0		8.0		0.5				9.0		2.0					
14			0.5		0.5				5.0				2.5				0.5		5.0					
15							24.0		1.0				1.5								16.5			
16			2.5				2.5		0.5						0.5						0.5		1.5	
17	3.5				1.0		0.5		1.5												2.0		1.5	
18							0.5						40.5		26.5		12.5		2.0				2.0	
19							0.5		0.5				4.5		17.0		5.5						1.5	
20					0.5		3.0		8.5						1.0		0.5		3.0				0.5	
21							1.0		1.5				33.0				3.0				4.5		2.0	
22					2.0				0.5				24.5				1.0				0.5		6.0	
23	0.5		1.0		4.5						9.5													
24	0.5		1.0		0.5		2.5				1.0		40.5						5.5		19.0			
25					2.5								2.5						14.0		1.0		3.5	
26									0.5				6.0						5.0		1.0		7.5	
27	4.0		7.0						0.5				8.0		0.5		3.0		1.5		17.5		5.0	
28			0.5								0.5				1.0		19.0		4.5				4.0	
29																	15.0						0.5	
30											10.0		0.5				0.5		4.0		3.0			
31					2.5				5.5										2.5				0.5	
total	35.0		20.5		124.5		59.0		59.5		77.5		186.5		87.5		157.5		105.5		89.5		73.5	

東郷ダムの日降水量と丸山沢の日流出量
Annual report of hydrological data at Maruyamazawa in 2019

MARUYAMAZAWA 2019 unit: mm/day n/a : data not available annual precipitation at Togo Dam: 761.5 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	0.5	n/a	1.0	n/a		n/a		n/a	3.5	n/a		n/a	0.5	n/a		n/a		n/a		1.41	5.0	1.23	3.0	1.58
2	1.0	n/a		n/a	1.5	n/a	3.5	n/a	6.0	n/a		n/a	4.0	n/a		n/a	10.0	n/a		1.27		1.09	18.5	2.04
3		n/a		n/a		n/a		n/a	1.0	n/a		n/a		n/a		n/a		n/a		1.19		1.02	2.0	2.40
4		n/a	4.0	n/a		n/a		n/a		n/a	5.5	n/a	0.5	n/a		n/a		n/a	40.5	2.83	0.5	0.96		1.95
5	0.5	n/a	2.0	n/a		n/a	5.0	n/a		n/a	19.5	n/a		n/a		n/a		n/a	12.0	3.04	0.5	0.97		1.74
6	2.0	n/a	0.5	n/a		n/a	1.0	n/a		n/a	3.5	n/a		n/a		n/a	5.5	n/a		2.11	0.5	0.98		1.58
7		n/a	2.0	n/a		n/a	2.5	n/a	14.5	n/a	1.5	n/a		n/a		n/a	8.5	n/a		1.81	6.0	0.92	1.0	1.52
8	1.5	n/a		n/a		n/a		n/a	2.0	n/a		n/a		n/a	25.5	n/a		n/a	16.0	2.25		0.87	1.0	1.44
9	3.5	n/a		n/a		n/a	2.5	n/a		n/a	1.5	n/a		n/a	51.0	n/a		n/a	3.0	2.82	0.5	0.84		1.31
10	5.0	n/a	1.0	n/a		n/a		n/a	0.5	n/a		n/a		n/a	12.0	n/a		n/a		2.34	0.5	0.83		1.33
11	0.5	n/a	0.5	n/a		n/a		n/a	0.5	n/a		n/a		n/a		n/a	21.5	n/a		2.12	1.5	0.87	0.5	1.38
12		n/a	0.5	n/a	3.0	n/a		n/a		n/a		n/a	0.5	n/a	1.0	n/a	0.5	n/a		1.95	4.5	1.68	9.5	1.84
13		n/a		n/a	1.5	n/a		n/a		n/a		n/a	12.5	n/a	1.0	n/a		n/a	9.0	2.17		1.48		1.56
14		n/a		n/a	1.0	n/a		n/a		n/a		n/a	2.5	n/a		n/a		n/a	5.0	1.90	14.0	2.14	3.0	1.50
15	2.0	n/a		n/a	1.0	n/a	6.0	n/a		n/a	1.0	n/a	0.5	n/a		n/a	1.5	n/a	0.5	1.84	2.0	1.92	2.5	1.36
16	3.0	n/a		n/a	2.0	n/a	3.5	n/a		n/a	16.5	n/a		n/a	1.0	n/a		n/a		1.69	3.5	1.70		1.30
17	0.5	n/a	1.5	n/a	1.0	n/a		n/a		n/a	4.0	n/a		n/a	24.5	n/a		n/a	0.5	1.59	3.0	1.54	3.0	1.36
18	0.5	n/a	1.5	n/a		n/a		n/a		n/a		n/a		n/a		n/a	11.0	n/a		1.41	3.5	1.49	1.5	1.72
19	0.5	n/a		n/a		n/a	1.0	n/a		n/a		n/a	1.0	n/a		n/a	4.5	1.23	10.5	1.54	0.5	1.48		1.46
20	0.5	n/a	1.0	n/a		n/a		n/a		n/a		n/a	1.5	n/a	23.0	n/a	2.0	1.13	4.5	2.25	5.0	1.33	0.5	1.38
21	1.5	n/a		n/a	1.0	n/a		n/a	22.5	n/a		n/a		n/a		n/a		n/a		0.95		1.78	4.0	1.32
22		n/a		n/a	1.5	n/a		n/a		n/a	13.0	n/a		n/a	1.0	n/a		n/a		0.86		1.61	1.5	1.28
23	2.0	n/a		n/a		n/a		n/a		n/a		n/a		n/a	11.5	n/a	48.0	4.10		1.53		1.15		1.22
24	1.5	n/a		n/a	2.0	n/a	2.0	n/a		n/a		n/a	1.0	n/a	0.5	n/a	1.0	5.79		1.39		1.74		1.17
25		n/a		n/a		n/a	1.5	n/a		n/a		n/a	0.5	n/a	0.5	n/a		n/a		3.74		1.47	4.5	1.13
26		n/a	0.5	n/a	2.0	n/a		n/a		n/a		n/a	0.5	n/a		n/a		n/a		2.98	1.5	1.67		1.11
27		n/a		n/a	3.5	n/a		n/a		n/a		n/a	3.5	n/a		n/a		n/a		2.54	0.5	1.76	1.0	1.12
28	1.5	n/a		n/a	2.0	n/a		n/a		n/a		n/a		n/a	4.0	n/a		n/a		2.17		1.62	2.5	1.06
29		n/a		n/a	0.5	n/a		n/a	1.0	n/a	0.5	n/a		n/a	0.5	n/a		n/a		1.91	3.0	1.61	0.5	1.00
30		n/a		n/a		n/a	3.5	n/a		n/a		n/a		n/a	5.0	n/a		n/a		1.63	1.5	1.31		1.00
31	1.0	n/a		n/a		n/a		n/a	5.0	n/a		n/a		n/a	1.5	n/a		n/a		1.17		1.62	12.5	1.16
total	29.0	n/a	16.0	n/a	23.5	n/a	32.0	n/a	56.5	n/a	66.5	n/a	29.0	n/a	163.5	n/a	114.0	n/a	108.0	56.45	59.5	42.82	64.0	44.32

東郷ダムの日降水量と丸山沢の日流出量
Annual report of hydrological data at Maruyamazawa in 2020

MARUYAMAZAWA 2020 unit: mm/day n/a : data not available annual precipitation at Togo Dam: 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		n/a	2.0	n/a	1.0	n/a		n/a		1.86		1.09		0.67		0.79	n/a	0.58	0.5	0.80	1.5	n/a
2	5.0	n/a		n/a		n/a	2.0	n/a	3.5	n/a	0.5	1.82	26.0	1.81		0.67		0.67	n/a	0.57	3.0	0.85	0.5	n/a
3	0.5	n/a	6.0	n/a	0.5	n/a		n/a		n/a		1.70		1.79		0.66		0.63	n/a	0.59	1.0	0.82		n/a
4		n/a	1.5	n/a		n/a	3.5	n/a	7.5	n/a		1.60		1.36	6.5	0.79	12.5	0.77	n/a	0.69	6.5	0.87		n/a
5		n/a		n/a	5.5	n/a	2.5	n/a	1.5	n/a		1.52		1.20	10.0	0.78	5.5	0.81	n/a	1.68	2.0	0.93		n/a
6	0.5	n/a		n/a	0.5	n/a	5.5	n/a	3.0	n/a		1.45		1.08	3.0	0.80		0.68	n/a	0.94		1.27		n/a
7		n/a	1.0	n/a		n/a	0.5	n/a		n/a		1.38	5.5	1.11	5.5	0.81		0.62	n/a	0.77	2.5	1.79		n/a
8		n/a	0.5	n/a		n/a		n/a		n/a	0.5	1.33	13.5	1.37		0.71		0.59	n/a	0.69	3.0	1.74	0.5	n/a
9		n/a		n/a		n/a	2.0	n/a		n/a		1.25	0.5	1.19		0.68		0.56	n/a	0.65	4.5	1.50		n/a
10		n/a		n/a	21.0	n/a		n/a	19.0	n/a		1.17		1.03	0.5	0.69	6.5	0.72	n/a	0.64	7.5	1.34		n/a
11	0.5	n/a		n/a	9.0	n/a		n/a	9.0	n/a		1.15		0.97		0.67		0.63	n/a	0.62		1.20		n/a
12		n/a		n/a	0.5	n/a		n/a		n/a		1.12		0.93	2.5	0.69		0.59	n/a	0.74		1.12		n/a
13		n/a		n/a	7.0	n/a		n/a	11.0	n/a	0.5	1.07	2.5	0.97		0.64	1.5	0.60	n/a	1.49	5.0	1.40		n/a
14		n/a		n/a		n/a		n/a		n/a		1.04	2.0	0.98	18.5	0.76	1.0	0.60	n/a	0.96	3.0	1.82	0.5	n/a
15		n/a		n/a		n/a		n/a		n/a	1.0	1.02		0.89	12.5	1.46	1.0	0.61	n/a	0.84		1.55	0.5	n/a
16		n/a		n/a	0.5	n/a		n/a		n/a	16.5	1.97		0.85		0.78	n/a	0.61	n/a	0.77	2.0	2.08		n/a
17		n/a	6.0	n/a		n/a		n/a		n/a		1.50		0.82		0.69	n/a	0.57	n/a	0.72		2.00		n/a
18		n/a	1.0	n/a		n/a		n/a		n/a	3.0	1.33		0.80		0.66	n/a	1.91	n/a	0.68		n/a	0.5	n/a
19		n/a		n/a		n/a		n/a		n/a	0.5	1.22		0.77		0.65	n/a	1.08	n/a	0.65	15.5	n/a	1.0	n/a
20	2.0	n/a	1.5	n/a	10.0	n/a	1.0	n/a		n/a	8.5	1.48		0.76	1.0	0.69	n/a	0.79	n/a	0.64	10.0	n/a		n/a
21	1.5	n/a		n/a	0.5	n/a	3.5	n/a		n/a		2.40		1.21	8.0	0.87		0.66	n/a	0.69	n/a	0.63	9.0	n/a
22	1.0	n/a	2.0	n/a		n/a		n/a		n/a		2.17		1.12	1.0	0.89		0.64	n/a	0.65		0.62	3.0	n/a
23	0.5	n/a	3.0	n/a	1.0	n/a	5.5	n/a		n/a		2.02		1.05	0.5	0.83		0.62	n/a	0.63	4.0	0.65		n/a
24		n/a	1.0	n/a		n/a		n/a	0.5	n/a		1.89		0.99	4.5	0.81		0.58	n/a	0.60		0.68	1.5	n/a
25	0.5	n/a	0.5	n/a		n/a	5.0	n/a	28.0	n/a	0.5	0.98		0.82		0.55	n/a	0.60	1.5	0.72	0.5	n/a		n/a
26		n/a		n/a		n/a	14.0	n/a		n/a	3.5	0.99		0.76		0.54	n/a	0.79		0.73	2.0	n/a	0.5	n/a
27		n/a		n/a		n/a	0.5	n/a	6.5	n/a	6.0	1.11		0.73		0.53	n/a	0.64		0.71	0.5	n/a		n/a
28		n/a	1.0	n/a		n/a	2.0	n/a	1.0	n/a	7.5	1.08		0.72		0.52	n/a	0.62		0.65		n/a		n/a
29	1.5	n/a		n/a		n/a	3.5	n/a		n/a	7.0	1.22		0.72	16.5	0.73	n/a	0.60	10.0	0.80		n/a	1.0	n/a
30	9.0	n/a		n/a		n/a		n/a		n/a	1.0	1.32		0.70	37.0	1.97	n/a	0.59	6.5	0.88	1.5	n/a		n/a
31	1.0	n/a		n/a		n/a		n/a		n/a		1.96		0.69	1.0	1.20				0.91				n/a
total	23.5	n/a	25.0	n/a	58.0	n/a	52.0	n/a	90.5	n/a	56.5	39.05	64.0	30.31	114.5	23.49	n/a	21.24	n/a	23.89	84.0	n/a	12.5	n/a

附表-4. 東郷ダムの日降水量と丸山沢の日流出量
 Supplementary Table 4. Annual report of hydrological data at Maruyamazawa in 2021

MARUYAMAZAWA 2021 unit: mm/day n/a : data not available annual precipitation at Togo Dam: 945.5 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		n/a		n/a	1.0	n/a		n/a	6.0	n/a		3.47		1.00	2.5	0.57		n/a	3.0	2.37		0.93	33.5	n/a
2		n/a	2.0	n/a	20.5	n/a		n/a	0.5	n/a		3.10		0.94		0.60		n/a	11.5	1.79		0.85		n/a
3		n/a		n/a		n/a	3.0	n/a	5.5	n/a		n/a		0.89		0.59		n/a		2.30	7.5	0.80	15.0	n/a
4		n/a		n/a		n/a	16.5	n/a	0.5	n/a	44.0	2.06		0.86	4.5	0.55		n/a	12.0	1.82		0.81	0.5	n/a
5		n/a		n/a	8.5	n/a	2.0	n/a	0.5	n/a		5.84	5.5	0.83		0.61		n/a	8.0	1.84		0.75		n/a
6		n/a	1.0	n/a	3.0	n/a		n/a		n/a		6.48		0.89		0.57		n/a	0.5	2.43		0.71		n/a
7		n/a		n/a		n/a		n/a		n/a		5.28		0.87		0.54		n/a		2.36		0.67		n/a
8	1.0	n/a		n/a		n/a		n/a		n/a		4.47		0.87		0.52		n/a	0.5	1.94		0.67		n/a
9		n/a		n/a		n/a		n/a	5.0	n/a		3.81		0.84	3.0	0.52	15.0	n/a		1.79	20.0	0.65		n/a
10		n/a		n/a	1.5	n/a		n/a	6.0	n/a		3.25		0.78	53.0	0.55		n/a		1.69	26.0	0.80		n/a
11		n/a		n/a		n/a		n/a	6.5	n/a		2.78	0.5	0.76	3.5	2.03		n/a	30.0	1.66	16.5	n/a		n/a
12		n/a		n/a		n/a		n/a		n/a		2.40		0.77	1.5	0.95	25.5	n/a		4.41		n/a	2.5	n/a
13	2.5	n/a		n/a		n/a	6.5	n/a		2.79		2.19		0.75		0.68	9.0	n/a		2.76		n/a	0.5	n/a
14	2.0	n/a		n/a		n/a		n/a		4.95		2.01		0.72		0.61		n/a		2.16	2.0	n/a	0.5	n/a
15		n/a	7.5	n/a		n/a		n/a		4.38		1.85		0.69		n/a		n/a	2.0	1.91	5.0	n/a	3.0	n/a
16	1.5	n/a	22.0	n/a		n/a		n/a	16.0	3.82		1.75		0.67		n/a		n/a	8.0	1.85	0.5	n/a		n/a
17		n/a		n/a	0.5	n/a	15.5	n/a	26.0	3.79		1.62		0.65		n/a		n/a	9.0	1.80	0.5	n/a	1.5	n/a
18		n/a		n/a	1.0	n/a	26.5	n/a		9.85		1.52	26.5	0.63	15.5	n/a	15.0	n/a		2.82	0.5	n/a	0.5	n/a
19		n/a	0.5	n/a		n/a	0.5	n/a		7.91		1.44		0.61	0.5	n/a		n/a		2.33	5.0	n/a		n/a
20		n/a	4.5	n/a		n/a		n/a	2.5	6.71	17.0	1.38		0.60		n/a		n/a	21.0	2.12	7.5	n/a		n/a
21		n/a		n/a	11.5	n/a		n/a	3.0	5.74		1.84		0.60		n/a		n/a	14.5	3.81		n/a	3.5	n/a
22		n/a		n/a	0.5	n/a	3.5	n/a		4.91		1.40		0.61		n/a	2.0	n/a		6.26	13.5	n/a		n/a
23		n/a	2.5	n/a	0.5	n/a		n/a	0.5	4.19		1.27		0.62	1.0	n/a		0.54		3.58	3.5	n/a		n/a
24		n/a	0.5	n/a		n/a		n/a	0.5	3.55		1.17	14.0	0.61	2.0	n/a	6.0	1.45		2.09		n/a		n/a
25		n/a		n/a		n/a	9.5	n/a	4.5	3.21		1.14		0.83	3.0	n/a		1.58		1.76		n/a		n/a
26		n/a		n/a		n/a	2.5	n/a		2.97		1.10		0.69	0.5	n/a		1.46		1.53	1.5	n/a		n/a
27	2.0	n/a		n/a		n/a		n/a		2.59		1.05		0.62	1.5	n/a		1.47		1.35	6.0	n/a		n/a
28		n/a		n/a		n/a		n/a	3.5	2.30		1.00		0.61	4.5	n/a		1.49	7.0	1.20		n/a		n/a
29	1.5	n/a		n/a	6.5	n/a	1.5	n/a	12.0	2.23		0.96		0.60		n/a		1.47	3.5	1.17		n/a		n/a
30	0.5	n/a		n/a		n/a	53.0	n/a	7.5	2.46	5.0	0.94		0.60		n/a	26.5	1.46		1.19		n/a		n/a
31		n/a		n/a		n/a		n/a	0.5	3.51				0.59	2.5	n/a				1.03		n/a	0.5	n/a
total	11.0	n/a	40.5	n/a	55.0	n/a	140.5	n/a	107.0	n/a	66.0	n/a	20.0	22.60	99.0	n/a	99.0	n/a	130.5	69.12	115.5	n/a	61.5	n/a