

HIGASHIYAMA

1930

unit: mm/day

annual precipitation: 1938.5

annual runoff: 1219.9

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	0.0	3.2	0.0	1.5	10.8	2.6	11.7	2.4	22.0	10.7	0.0	2.0	0.1	3.3	156.0	63.2	12.6	2.2	0.0	1.0	4.2	5.8	16.7	2.2
2	0.0	2.6	0.0	1.5	0.0	2.0	2.7	2.2	14.3	11.6	0.0	1.6	0.0	2.6	20.6	41.0	0.0	1.5	11.6	1.2	52.6	7.6	0.0	2.0
3	3.3	2.6	0.0	1.5	26.7	2.8	0.0	1.9	26.3	13.8	4.6	2.1	6.3	2.6	2.1	19.3	0.0	1.4	46.8	5.6	1.1	12.1	0.0	1.8
4	0.0	2.6	0.0	1.2	23.3	8.3	0.0	1.8	0.0	8.8	0.0	1.7	0.0	2.1	0.5	14.1	0.0	1.4	0.0	3.4	0.4	5.8	0.0	1.7
5	0.0	2.2	0.0	1.2	5.3	5.4	0.0	1.8	5.3	7.0	7.7	1.8	0.0	2.0	0.0	11.0	0.0	1.2	0.0	2.2	0.0	4.4	0.0	1.7
6	0.7	2.2	31.8	2.4	12.9	5.1	0.0	1.5	0.0	6.0	1.5	2.1	0.5	1.7	0.0	8.6	0.0	1.0	0.0	1.5	0.0	3.5	18.3	2.2
7	0.8	2.2	3.8	2.9	9.4	5.4	0.0	1.5	0.0	5.0	0.0	1.7	0.0	1.7	0.0	7.4	0.0	0.9	0.0	1.3	0.0	3.1	0.0	2.1
8	0.0	1.9	0.0	2.0	8.2	5.5	0.0	1.5	0.0	4.3	0.0	1.6	0.0	1.5	0.0	6.8	0.0	0.9	63.3	21.3	0.4	2.8	0.0	1.8
9	0.3	1.8	0.0	1.8	1.8	4.9	11.7	2.1	0.0	3.9	0.2	1.5	22.9	2.5	0.0	5.9	0.0	0.9	0.0	5.4	7.4	2.7	3.6	1.7
10	0.0	1.8	16.8	2.6	0.0	3.9	0.0	1.6	79.8	19.3	0.0	1.3	65.5	10.1	0.0	5.5	0.0	0.9	4.6	3.4	7.5	3.2	5.6	2.0
11	0.0	1.8	0.0	2.3	0.0	3.4	17.3	2.4	0.0	11.3	0.0	1.3	24.3	9.2	0.3	5.1	0.0	0.8	0.0	2.7	0.0	2.6	0.4	1.8
12	2.1	1.8	0.0	2.0	0.0	3.0	0.0	2.0	0.0	7.3	0.0	1.2	12.7	7.4	0.0	4.5	0.0	0.8	0.0	2.3	0.0	2.4	1.2	1.7
13	0.0	1.8	0.0	1.7	1.5	3.0	0.0	1.8	0.0	6.1	0.0	1.1	0.1	6.1	8.7	5.1	0.0	0.8	0.0	2.0	0.0	2.3	0.1	1.6
14	0.0	1.8	0.0	1.5	4.2	3.0	0.0	1.6	0.0	5.7	0.0	1.1	0.0	4.2	2.3	4.4	0.1	0.8	0.0	1.9	0.0	2.2	0.0	1.6
15	8.9	2.1	0.0	1.5	0.0	2.7	24.4	2.3	0.0	5.0	0.0	1.1	0.0	3.6	0.0	3.8	47.7	3.7	0.0	1.8	0.0	2.1	0.0	1.5
16	0.0	1.8	0.0	1.5	0.0	2.6	13.8	5.3	0.0	4.5	26.6	2.3	0.0	3.2	16.4	4.1	11.3	2.3	0.0	1.6	1.6	2.0	0.2	1.4
17	0.0	1.8	1.1	1.5	0.0	2.2	0.0	3.4	0.0	4.2	7.9	2.7	0.0	2.8	13.8	4.3	10.6	2.0	0.0	1.6	1.7	2.0	0.0	1.4
18	0.0	1.6	0.0	1.5	0.0	2.2	0.0	2.6	0.0	3.8	0.0	1.7	0.0	2.4	0.0	3.5	1.7	2.3	0.0	1.5	0.0	1.9	0.0	1.4
19	0.7	1.5	1.5	1.5	0.0	2.2	0.0	2.3	0.0	3.6	0.0	1.5	26.0	3.4	0.0	3.0	8.3	1.8	0.0	1.4	0.0	1.8	0.0	1.3
20	0.0	1.5	1.7	1.5	0.0	2.2	0.0	1.9	24.6	5.0	0.0	1.3	27.2	6.3	3.4	2.8	2.8	1.6	9.6	1.4	5.2	1.8	1.1	1.3
21	0.0	1.5	0.0	1.5	0.0	2.0	18.6	2.5	0.0	3.9	0.4	1.1	5.3	5.1	2.9	2.9	0.0	1.3	25.4	4.4	20.6	3.6	0.0	1.3
22	0.0	1.5	1.4	1.5	0.0	1.8	0.0	2.3	0.0	3.1	14.8	1.8	2.3	3.8	0.0	2.5	0.0	1.1	3.9	2.1	0.0	2.4	0.0	1.2
23	2.7	1.5	0.0	1.5	0.0	1.8	0.0	1.9	0.0	3.0	8.3	1.6	7.9	4.2	0.0	2.2	0.0	1.1	0.0	1.8	0.0	2.1	0.0	1.2
24	0.0	1.5	5.0	1.5	0.0	1.8	6.3	2.2	0.0	2.8	0.0	1.3	53.8	12.4	0.0	2.2	0.6	1.0	0.0	1.7	0.0	2.0	0.0	1.2
25	0.0	1.5	6.0	1.7	0.0	1.8	28.4	4.5	0.0	2.5	0.0	1.1	2.9	6.7	0.0	2.1	0.0	0.9	0.4	1.6	0.0	1.8	0.0	1.2
26	0.0	1.5	0.0	1.5	0.0	1.8	9.6	5.1	0.0	2.4	8.8	1.4	35.3	16.0	0.0	2.0	30.6	2.4	2.1	1.6	0.0	1.8	0.0	1.2
27	0.0	1.5	20.8	2.3	0.0	1.5	0.0	3.6	9.5	2.4	28.7	3.2	24.3	14.0	0.0	1.9	0.1	1.8	0.0	1.5	0.0	1.7	0.0	1.2
28	0.0	1.5	1.5	2.2	4.9	1.7	0.0	3.1	8.5	3.5	47.1	9.0	0.0	9.8	0.0	1.8	0.0	1.3	0.0	1.4	0.0	1.6	0.0	1.1
29	13.5	2.0			38.7	5.5	15.3	3.6	1.9	2.8	10.6	5.9	7.0	7.9	0.0	1.7	3.6	1.3	8.0	1.5	0.0	1.6	1.1	1.1
30	0.0	1.6			0.0	3.1	39.8	11.3	0.0	2.1	2.5	4.5	3.2	6.1	0.0	1.7	0.0	1.0	0.5	1.5	0.0	1.5	0.0	1.1
31	0.0	1.5			0.0	2.3			0.0	2.1			26.3	7.2	3.2	1.6			63.6	7.6			0.0	1.1
total	33.0	57.7	91.4	48.8	147.7	97.5	199.6	84.0	192.2	177.5	169.7	63.6	353.9	171.9	230.2	246.0	130.0	42.4	239.8	91.2	102.7	92.2	48.3	47.1

HIGASHIYAMA

1931

unit: mm/day

annual precipitation: 1803.6

annual runoff: 970.4

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	0.0	1.1	1.6	1.2	0.0	1.6	8.8	1.4	0.0	2.6	0.0	1.7	0.0	1.8	0.0	3.8	2.6	3.1	0.0	2.2	0.0	2.0	0.0	1.8
2	15.8	1.6	16.9	2.4	0.0	1.5	0.4	1.6	0.0	2.3	0.5	1.6	11.5	2.1	0.0	3.4	1.0	1.8	0.0	1.9	0.0	1.8	0.0	1.7
3	0.0	1.5	0.0	1.6	0.0	1.5	0.0	1.4	0.0	2.1	0.0	1.6	0.0	1.8	0.0	3.2	12.6	2.7	0.0	1.7	0.0	1.8	0.0	1.7
4	0.0	1.3	0.0	1.4	17.9	1.7	0.0	1.3	0.0	1.8	0.0	1.5	11.4	2.1	0.0	3.1	0.8	1.8	24.5	2.3	0.0	1.8	0.0	1.6
5	5.4	1.2	0.5	1.3	10.4	3.4	5.5	1.3	0.0	1.8	0.0	1.5	0.2	1.7	0.0	2.9	1.9	1.6	41.0	8.8	7.4	1.8	0.0	1.5
6	0.5	1.3	27.5	2.3	0.0	2.1	17.5	2.5	0.0	1.6	0.0	1.4	16.5	1.7	1.0	2.8	108.6	23.4	1.3	5.4	24.7	4.2	0.0	1.4
7	11.1	1.4	0.0	2.6	16.7	2.7	3.0	1.8	0.0	1.6	0.0	1.4	30.9	5.5	0.0	2.5	23.0	9.1	5.9	4.6	30.6	6.3	0.0	1.4
8	10.0	1.5	0.0	2.1	0.0	2.7	0.4	1.7	0.4	1.5	5.1	1.4	0.1	4.1	1.8	2.4	0.0	4.4	75.9	20.8	0.8	2.5	7.0	1.7
9	4.6	1.9	0.0	1.9	0.0	2.3	0.0	1.5	13.7	1.7	4.3	1.8	0.0	3.0	0.5	2.3	0.0	3.9	0.0	13.5	0.0	3.0	0.9	1.5
10	14.7	2.5	11.2	1.8	0.0	2.1	0.0	1.4	7.8	2.4	0.0	1.3	4.2	2.5	0.0	2.2	0.0	3.3	2.5	8.0	0.0	2.7	21.7	2.9
11	0.7	2.1	0.0	1.7	0.0	2.0	0.0	1.4	0.0	1.8	0.0	1.5	21.8	3.0	0.0	2.1	0.0	2.7	0.0	5.9	0.0	2.3	0.0	2.2
12	0.0	1.8	0.0	1.6	0.0	1.9	27.7	3.1	33.3	2.6	28.4	1.8	37.7	11.0	7.4	2.4	0.0	2.4	0.0	4.7	0.0	2.2	0.0	1.8
13	0.0	1.7	0.0	1.6	0.0	1.8	0.0	2.3	18.1	6.3	11.7	3.4	21.8	7.4	2.7	2.3	0.0	2.2	6.3	4.1	0.0	2.1	4.8	1.8
14	0.0	1.6	23.6	3.3	0.0	1.7	3.0	2.0	0.0	3.5	0.0	1.8	13.4	8.0	0.7	2.0	0.0	2.0	24.6	6.4	1.0	2.0	5.7	1.7
15	0.0	1.5	0.0	2.7	0.0	1.6	0.0	1.8	0.0	2.8	0.0	1.6	18.0	8.3	0.0	1.9	0.0	1.8	0.0	4.8	18.5	3.1	0.0	1.6
16	0.0	1.5	0.0	2.3	0.0	1.5	0.0	1.7	14.7	3.0	0.0	1.4	4.1	8.6	0.0	1.7	4.9	1.9	0.0	3.9	3.8	2.6	26.4	3.0
17	0.0	1.4	11.5	3.0	0.0	1.5	0.0	1.6	0.0	2.6	6.0	1.3	2.4	6.7	0.0	1.6	10.5	2.1	1.8	3.6	0.0	2.4	0.0	4.0
18	0.0	1.4	0.0	2.5	16.0	2.1	0.0	1.5	0.0	2.2	48.8	5.7	2.4	5.8	0.0	1.6	19.0	2.4	19.8	5.5	5.7	2.2	0.0	2.8
19	0.0	1.3	0.0	2.2	0.0	1.8	0.0	1.5	0.0	1.9	2.4	3.6	0.3	4.9	0.0	1.4	25.8	6.2	0.0	3.9	1.5	2.5	0.0	2.3
20	0.0	1.2	0.0	2.0	3.0	1.6	0.0	1.4	0.0	1.8	0.0	2.3	0.8	3.9	0.0	1.4	0.0	3.0	0.0	3.3	0.0	2.1	0.0	2.2
21	0.0	1.2	0.0	2.0	0.0	1.7	0.0	1.3	0.0	1.8	0.0	2.0	14.5	4.1	0.0	1.3	0.0	2.4	0.0	3.2	0.0	1.9	0.0	2.0
22	0.0	1.2	0.0	2.0	0.0	1.6	43.0	3.4	33.4	2.7	0.0	1.6	58.1	14.3	0.0	1.3	0.0	2.0	4.2	2.9	0.0	1.9	0.0	1.9
23	7.9	1.3	9.0	1.9	0.0	1.5	0.3	3.8	21.7	7.1	0.0	1.5	1.9	10.7	0.0	1.2	0.0	1.8	0.0	2.7	0.0	1.7	0.0	1.8
24	0.0	1.5	0.0	1.8	8.4	1.7	0.4	2.6	0.0	3.6	4.5	1.5	0.0	7.7	0.0	1.2	0.0	1.7	0.0	2.6	0.0	1.7	0.0	1.7
25	0.0	1.2	0.0	1.8	0.0	1.5	15.7	3.0	0.0	2.7	25.5	2.9	0.0	6.3	0.0	1.2	0.0	1.6	0.0	2.5	0.0	1.6	1.0	1.6
26	9.3	1.4	0.0	1.8	0.0	1.5	0.0	2.6	0.0	2.3	0.4	2.7	0.0	5.5	6.9	1.4	5.4	1.6	13.5	2.6	0.0	1.6	0.0	1.6
27	0.0	1.5	0.0	1.7	9.2	1.8	1.2	2.2	0.0	2.2	5.5	2.2	29.0	8.3	0.0	1.3	37.6	4.4	1.7	3.2	0.0	1.6	0.0	1.6
28	0.0	1.3	0.0	1.6	0.0	1.5	6.0	2.1	0.0	2.1	0.2	1.9	0.0	5.8	0.0	1.1	0.0	2.8	0.0	2.5	3.0	1.5	23.8	2.5
29	0.8	1.2			0.0	1.4	0.6	2.3	9.2	2.2	17.3	2.3	0.0	4.6	0.0	1.0	0.4	2.1	0.0	2.3	21.6	3.2	1.3	2.6
30	0.6	1.3			0.0	1.4	13.8	3.0	0.6	2.0	0.0	2.2	0.0	4.3	0.0	0.9	11.7	3.1	0.0	2.2	0.0	2.1	0.0	2.1
31	0.0	1.2			0.0	1.4			0.0	1.8			0.0	4.0	56.0	3.9			0.0	2.1			0.0	1.9
total	81.4	45.1	101.8	56.1	81.6	56.1	147.3	60.5	152.9	78.4	160.6	60.4	301.0	169.5	77.0	62.8	265.8	105.3	223.0	144.1	118.6	70.2	92.6	61.9

HIGASHIYAMA

1932

unit: mm/day

annual precipitation: 1888.5

annual runoff: 1151.4

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	0.0	1.7	0.0	1.0	0.4	1.0	0.0	1.0	21.9	4.8	47.3	3.6	1.4	3.0	0.0	1.9	51.8	6.1	0.0	4.8	0.0	1.3	0.0	1.3
2	6.3	1.9	0.0	1.0	0.0	1.0	0.0	1.0	0.0	3.5	4.8	6.0	154.1	35.0	0.0	1.8	0.0	3.5	0.0	4.3	0.0	1.2	0.0	1.3
3	1.1	1.9	20.7	1.8	0.0	0.9	0.0	0.9	0.0	2.8	0.5	3.3	33.0	44.1	9.5	1.9	0.0	2.4	0.0	4.0	0.0	1.2	0.0	1.3
4	0.7	1.7	0.0	1.6	0.0	0.9	0.0	0.9	0.0	2.5	37.9	6.4	0.0	16.0	3.8	2.1	0.0	2.0	0.0	3.6	11.9	1.5	0.0	1.2
5	0.0	1.6	0.0	1.2	0.3	1.0	0.0	0.9	0.0	2.1	0.4	6.7	0.0	10.8	0.0	1.8	6.3	1.7	0.0	3.3	0.0	1.6	2.0	1.2
6	0.0	1.5	0.0	1.1	0.0	0.9	2.0	0.9	8.9	2.3	1.5	4.7	0.8	8.3	5.0	1.9	45.2	4.6	0.0	3.1	0.0	1.2	21.7	1.9
7	0.0	1.5	0.0	1.1	0.0	0.9	0.0	0.9	0.0	2.2	2.8	4.2	11.6	8.8	5.9	1.9	2.5	5.7	0.0	2.9	26.5	2.7	1.7	2.3
8	5.2	1.5	0.0	1.0	0.0	0.9	1.2	0.8	0.0	1.8	7.0	4.0	43.7	10.2	3.5	1.7	1.2	3.3	0.0	2.7	0.0	1.9	9.7	2.1
9	0.0	1.6	0.0	1.0	0.0	0.9	0.0	0.9	20.4	3.2	0.0	3.5	61.8	55.8	0.6	1.6	0.9	2.6	0.6	2.6	0.0	1.5	0.0	1.8
10	0.0	1.3	0.0	1.0	0.0	0.8	0.0	0.8	0.0	2.4	0.0	3.1	14.8	15.8	6.1	2.0	20.8	3.5	0.0	2.4	0.0	1.3	0.0	1.5
11	0.0	1.4	0.0	1.0	18.0	1.2	0.0	0.8	0.0	2.0	0.0	2.8	21.7	17.8	0.0	1.5	0.3	3.1	0.0	2.3	0.0	1.3	0.0	1.5
12	0.0	1.3	0.0	1.0	1.0	1.5	15.2	0.9	32.1	2.6	0.0	2.7	0.0	12.5	15.1	2.3	13.9	3.3	0.0	2.2	0.7	1.2	0.0	1.5
13	0.7	1.3	0.0	0.9	26.2	3.3	24.9	3.0	6.5	5.5	0.0	2.5	0.0	9.8	0.2	1.6	54.7	6.9	0.0	2.1	0.0	1.1	7.8	1.5
14	0.0	1.3	0.0	0.9	0.0	2.2	0.2	1.6	0.0	3.3	1.8	2.2	0.0	8.2	0.0	1.3	73.0	41.3	0.0	1.9	20.5	1.5	0.0	1.4
15	0.0	1.3	1.8	1.0	0.0	1.7	1.2	1.3	0.0	2.8	0.0	2.4	0.0	7.6	0.0	1.3	16.4	15.3	5.4	1.9	47.2	7.6	0.0	1.4
16	0.0	1.2	11.4	1.5	0.0	1.4	10.8	1.8	0.0	2.2	36.6	3.9	0.0	6.9	23.9	2.5	46.3	16.3	5.4	2.5	0.0	3.5	0.0	1.3
17	0.0	1.2	2.7	1.0	0.0	1.3	0.0	1.3	0.0	2.1	10.5	5.6	8.9	7.0	0.0	1.8	7.6	17.3	0.4	2.2	0.0	2.6	0.0	1.3
18	0.0	1.2	0.0	1.1	0.0	1.2	0.0	1.2	0.0	1.9	0.0	3.7	4.6	5.7	0.0	1.4	1.2	11.1	0.0	1.8	0.0	2.0	0.0	1.2
19	0.0	1.2	0.0	1.0	0.0	1.2	14.0	1.7	0.0	1.7	2.1	3.0	4.0	5.9	2.4	1.3	7.0	8.9	0.0	1.8	0.0	1.8	0.0	1.2
20	0.0	1.0	0.0	0.9	1.4	1.1	0.9	1.5	3.8	1.7	0.9	2.8	0.0	4.4	0.0	1.2	0.0	6.9	0.0	1.7	0.0	1.7	1.1	1.2
21	0.0	1.2	0.3	0.9	0.0	1.1	0.1	1.2	1.2	1.9	0.7	2.7	3.5	4.4	8.5	1.3	0.0	5.8	6.6	1.7	0.0	1.6	0.4	1.2
22	1.4	1.1	0.0	0.9	0.0	1.1	0.0	1.1	52.8	6.8	5.6	2.8	0.0	3.8	12.2	2.0	0.0	5.0	2.0	2.1	0.0	1.6	0.0	1.1
23	1.3	1.2	0.9	1.0	0.0	1.0	0.0	1.1	9.9	4.6	0.0	2.5	5.5	4.0	33.2	4.7	43.5	9.0	0.0	1.7	0.0	1.4	0.0	1.1
24	5.0	1.5	0.0	0.8	0.3	1.0	14.3	1.4	0.0	3.8	14.7	2.9	0.0	3.4	0.3	2.1	4.5	7.9	0.0	1.7	0.0	1.3	0.0	1.1
25	0.0	1.2	2.6	0.9	0.0	1.0	5.5	1.6	0.0	3.0	53.1	11.1	0.0	3.1	1.1	1.6	0.0	6.4	2.5	1.6	1.0	1.3	0.0	1.0
26	0.0	1.2	19.9	1.3	0.0	0.9	0.1	1.6	12.2	3.6	0.0	6.9	0.0	2.8	41.2	6.0	0.5	5.5	0.0	1.5	19.0	2.0	1.8	1.0
27	0.0	1.1	0.8	1.4	0.0	0.9	0.0	1.2	0.0	2.7	0.0	4.9	0.0	2.7	0.1	2.8	0.0	4.7	0.0	1.5	1.4	2.2	9.6	1.5
28	0.0	1.1	0.0	1.1	13.7	1.1	19.5	1.4	0.0	2.4	0.0	4.2	0.0	2.4	0.0	2.0	13.6	5.2	0.5	1.4	0.0	1.6	5.1	1.5
29	0.0	1.1	0.0	1.0	1.5	1.6	28.4	6.4	0.7	2.3	0.0	3.6	0.0	2.3	0.0	1.7	16.9	5.6	1.0	1.4	0.4	1.5	6.0	1.4
30	0.0	1.1			1.1	1.2	0.3	3.3	0.0	2.0	0.6	3.3	0.0	2.1	0.0	1.6	0.9	5.8	0.0	1.4	0.0	1.3	12.0	2.0
31	0.0	1.0			0.0	1.1			0.0	1.9			0.0	2.1	1.1	1.4			0.0	1.3			0.0	1.9
total	21.7	41.4	61.1	31.4	63.9	37.3	138.6	44.4	170.4	88.4	228.8	122.0	369.4	326.7	173.7	62.0	429.0	226.7	24.4	71.4	128.6	55.5	78.9	44.2

HIGASHIYAMA

1933

unit: mm/day

annual precipitation: 1558.5

annual runoff: 770.7

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	1.6	0.0	0.9	0.0	0.9	13.8	5.6	3.0	4.4	0.0	2.3	0.0	1.1	0.4	2.0	0.0	0.8	0.0	0.8	0.0	1.7	9.7	1.4
2	0.0	1.3	0.0	0.9	0.0	0.9	0.0	3.9	0.0	3.9	6.0	2.2	0.4	1.0	0.0	1.5	0.0	0.8	0.0	0.8	10.8	2.0	0.0	1.3
3	0.0	1.2	0.0	0.8	0.0	0.9	0.0	3.2	48.3	8.4	0.0	2.3	0.0	1.0	24.5	2.3	0.0	0.8	0.0	0.6	0.0	1.8	0.0	1.1
4	0.0	1.2	0.0	0.9	0.0	0.9	2.6	2.9	12.6	12.5	0.0	2.1	1.1	0.9	3.2	2.3	0.3	0.8	0.0	0.6	0.0	1.6	0.0	1.1
5	0.0	1.2	0.0	0.9	6.2	1.0	11.0	3.5	0.0	7.5	0.0	1.8	21.2	1.5	3.0	2.0	3.5	0.8	0.0	0.5	0.0	1.5	0.0	1.0
6	10.5	1.5	0.0	0.8	0.0	1.2	0.0	2.8	0.0	6.0	0.0	1.7	0.2	1.6	0.0	1.5	0.2	0.7	0.0	0.5	21.5	1.8	0.0	1.0
7	2.3	1.6	6.4	0.8	0.0	0.9	0.0	2.6	0.0	5.0	4.0	1.7	0.0	1.2	0.0	1.4	0.0	0.6	55.0	4.1	8.7	3.4	0.0	0.9
8	0.0	1.4	1.8	1.0	0.0	0.8	7.3	2.5	0.0	4.5	0.1	1.8	0.0	1.0	1.2	1.2	0.0	0.6	10.9	3.6	0.0	2.2	0.0	0.9
9	3.3	1.4	1.4	1.1	0.0	0.8	25.8	4.3	0.0	4.1	0.0	1.6	0.0	0.8	0.0	1.2	0.0	0.5	30.0	4.9	0.0	1.8	15.2	1.2
10	0.0	1.2	0.0	0.9	0.0	0.8	40.0	12.9	0.0	3.8	0.0	1.5	5.3	1.0	0.0	0.9	0.0	0.4	0.0	3.8	0.9	1.6	0.1	1.4
11	7.2	1.4	0.0	0.9	15.8	1.0	3.4	8.4	0.0	3.4	0.0	1.4	38.0	2.3	0.0	0.9	0.0	0.6	0.0	2.2	0.0	1.6	0.0	1.1
12	1.6	1.6	0.0	0.8	0.0	1.3	0.0	6.6	0.0	3.2	0.0	1.3	0.0	1.2	0.0	0.8	0.0	0.5	4.3	1.8	0.0	1.4	0.0	1.0
13	0.0	1.3	0.0	0.8	0.0	1.0	0.0	5.2	0.0	3.0	0.2	1.3	0.0	1.0	0.0	0.7	3.9	0.6	0.2	1.6	0.0	1.3	0.0	0.9
14	0.0	1.2	0.0	0.9	0.0	0.9	0.0	4.4	0.0	2.7	6.8	1.5	0.0	1.0	27.9	3.4	4.2	0.7	10.9	1.8	0.0	1.3	0.0	0.9
15	0.0	1.2	0.0	0.9	0.0	0.9	30.3	5.3	0.1	2.7	19.0	2.4	0.0	0.8	24.2	3.6	34.6	3.1	0.0	1.6	0.0	1.3	0.0	0.9
16	0.0	1.2	0.0	0.8	27.2	1.2	7.0	7.3	6.9	2.7	0.0	1.8	5.8	1.3	0.0	2.1	0.0	1.1	37.7	3.8	19.4	1.8	0.0	0.8
17	3.2	1.1	6.5	0.8	16.7	4.6	0.0	5.2	30.2	4.1	0.2	1.6	13.2	1.8	40.0	6.7	0.0	0.8	0.3	5.0	0.7	2.1	9.5	1.2
18	10.3	2.3	3.6	1.2	0.0	2.4	0.0	4.5	22.0	6.6	0.0	1.5	0.0	1.1	1.5	3.2	0.0	0.8	0.0	2.9	0.0	1.5	0.5	1.0
19	0.0	1.5	0.5	0.9	0.0	1.9	0.0	3.8	8.6	4.4	0.0	1.4	0.0	0.9	2.3	2.5	3.0	0.6	2.3	2.2	5.3	1.5	0.0	0.9
20	0.0	1.3	0.0	0.9	0.0	1.6	0.8	3.7	6.1	4.4	0.0	1.3	0.0	0.9	0.0	2.0	42.2	2.5	63.7	9.7	0.0	1.4	0.0	0.8
21	0.0	1.2	0.0	0.8	0.0	1.5	1.7	3.3	2.5	3.8	1.8	1.2	0.0	0.8	3.4	1.6	3.4	2.6	2.0	13.3	0.0	1.3	0.0	0.8
22	0.0	1.2	0.0	0.8	0.0	1.3	0.0	3.2	15.9	4.9	5.1	1.3	0.0	0.7	0.0	1.4	1.3	1.5	0.0	6.3	0.0	1.1	0.0	0.8
23	0.0	1.2	0.0	0.9	34.8	3.1	0.0	2.9	0.0	4.3	18.6	2.6	0.0	0.7	0.0	1.4	0.0	1.1	0.0	4.3	0.0	1.2	0.0	0.8
24	0.0	1.1	8.1	0.8	0.0	3.5	0.0	2.8	0.0	3.5	1.3	1.7	0.0	0.7	0.0	1.3	1.0	0.9	0.4	3.4	0.0	1.1	2.3	0.8
25	0.0	1.0	10.0	2.1	1.3	2.3	0.1	2.6	0.0	3.2	0.0	1.4	3.2	0.7	22.2	2.7	0.0	0.8	0.0	2.8	0.1	1.1	0.0	0.8
26	0.0	1.0	1.4	1.1	22.0	3.4	88.0	10.4	0.0	2.8	0.0	1.2	0.8	0.7	0.0	1.6	0.0	0.7	0.0	2.6	0.0	1.0	1.1	0.8
27	0.3	1.0	0.2	1.0	6.5	3.0	0.7	14.0	0.0	2.7	0.0	1.2	56.7	4.5	0.0	1.2	0.0	0.7	0.0	2.3	18.2	1.7	0.0	0.8
28	0.7	1.0	0.0	0.9	28.0	7.5	0.0	7.3	0.0	2.6	0.0	1.2	6.7	3.1	0.0	1.1	26.6	2.0	0.0	2.1	0.0	1.5	0.0	0.8
29	0.0	1.0			0.0	4.8	0.0	5.6	4.6	2.7	3.6	1.1	0.5	1.8	0.6	1.0	0.0	1.2	0.0	1.9	0.0	1.2	13.5	1.2
30	0.0	1.0			0.0	3.8	0.0	4.7	6.6	3.1	0.0	1.1	0.0	1.2	0.0	1.0	0.0	0.9	10.2	2.2	0.0	1.2	0.1	0.9
31	0.0	1.0			12.9	3.5			0.0	2.4			26.6	3.8	0.0	1.0			0.0	2.0			17.4	1.8
total	39.4	39.4	39.9	26.3	171.4	63.6	232.5	155.4	167.4	133.3	66.7	48.5	179.7	42.1	154.4	57.5	124.2	30.5	227.9	96.0	85.6	47.0	69.4	31.1

HIGASHIYAMA

1934

unit: mm/day

annual precipitation: 1399.5

annual runoff: 559.1

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	0.0	1.2	0.0	0.6	0.0	0.6	18.4	1.4	0.0	2.4	0.0	0.9	0.0	2.1	0.9	1.3	6.3	0.4	0.9	2.3	6.4	1.7	0.0	1.4
2	0.0	1.0	1.2	0.6	0.0	0.5	0.2	1.8	0.0	1.6	0.0	0.9	0.0	1.9	3.5	1.7	35.4	2.8	0.0	1.7	62.4	7.9	0.0	1.3
3	0.0	0.9	32.6	1.9	0.0	0.5	0.0	1.3	0.0	1.4	14.8	1.1	0.0	1.7	0.0	1.2	22.0	2.1	11.2	1.7	0.0	5.7	0.0	1.2
4	4.8	0.9	0.0	1.8	0.0	0.5	6.3	1.1	0.0	1.3	7.0	1.7	0.0	1.6	0.0	1.2	0.0	1.5	12.1	2.9	0.0	3.7	0.0	1.2
5	1.3	1.0	0.0	1.1	2.9	0.5	5.2	1.6	0.0	1.3	0.0	1.1	0.0	1.5	0.0	1.0	0.0	1.0	0.0	2.2	0.0	3.1	3.2	1.3
6	0.0	0.8	0.0	1.0	0.0	0.5	2.7	1.3	0.0	1.2	0.0	0.9	0.0	1.3	0.0	0.9	8.4	1.0	21.1	2.5	0.0	2.8	0.0	1.2
7	0.0	0.8	0.0	0.9	0.0	0.5	0.0	1.1	0.0	0.9	0.0	0.8	0.0	1.4	0.0	0.8	0.0	0.9	27.1	4.8	15.1	3.1	0.0	1.1
8	0.0	0.8	0.0	0.9	0.5	0.5	0.0	1.0	0.0	1.0	0.0	0.8	0.0	1.2	0.0	0.8	0.5	0.8	20.4	9.2	1.8	2.8	0.0	1.1
9	0.0	0.8	0.0	0.9	0.3	0.5	0.0	0.9	0.0	1.0	0.0	0.7	0.0	1.1	7.8	0.9	3.3	0.7	0.0	5.7	0.0	2.4	0.0	1.0
10	0.0	0.8	1.2	0.8	0.0	0.4	0.0	0.9	0.0	0.9	0.0	0.7	2.1	1.2	1.2	1.1	15.0	1.8	0.0	4.2	0.0	2.2	0.0	1.0
11	1.2	0.8	0.0	0.8	0.0	0.5	0.0	0.9	1.4	0.9	0.0	0.6	12.0	1.6	5.3	0.8	0.0	1.0	0.0	3.3	0.6	2.1	0.0	1.0
12	0.0	0.8	0.2	0.8	5.2	0.5	3.0	1.0	18.4	1.5	0.0	0.6	7.6	1.3	0.0	1.0	0.0	0.7	0.0	2.8	0.2	2.1	0.0	0.9
13	0.0	0.7	0.0	0.7	3.2	0.7	10.0	1.1	29.2	3.5	0.5	0.6	7.1	2.0	0.0	0.8	0.0	0.7	2.1	2.5	0.0	1.9	0.0	0.9
14	0.0	0.7	0.0	0.7	1.0	0.7	4.5	1.3	4.3	3.1	0.0	0.6	11.6	1.8	0.0	0.7	13.5	1.1	0.0	2.2	4.8	2.0	0.0	1.0
15	0.0	0.7	0.3	0.7	0.0	0.6	0.0	1.0	0.0	2.1	0.0	0.5	1.0	1.7	0.0	0.6	12.1	1.6	0.0	2.0	0.0	1.7	0.0	0.9
16	0.0	0.7	0.0	0.6	0.1	0.5	7.5	0.9	0.0	1.6	8.5	0.6	6.1	1.6	0.0	0.6	0.0	1.0	0.9	1.8	0.0	1.7	0.0	0.9
17	3.5	0.7	0.0	0.7	0.5	0.5	3.8	1.5	0.0	1.3	17.8	1.8	2.1	1.6	2.9	0.8	1.8	0.8	0.3	1.8	0.0	1.6	0.0	0.9
18	0.0	0.7	0.0	0.7	0.0	0.5	0.0	0.9	0.0	1.2	0.0	0.8	5.6	1.4	0.3	0.7	46.7	4.6	3.7	1.9	0.0	1.6	2.8	1.0
19	0.5	0.7	0.6	0.7	0.0	0.5	0.0	0.9	0.0	1.2	0.0	0.8	2.1	1.7	0.0	0.6	2.6	2.8	0.0	1.6	4.8	1.6	0.1	0.9
20	9.3	0.8	0.0	0.6	0.0	0.5	0.0	0.8	0.0	1.0	58.1	2.5	0.0	1.4	0.0	0.5	4.5	2.2	0.0	1.5	0.0	1.6	0.0	0.9
21	1.9	0.7	0.0	0.6	19.8	0.6	7.8	0.9	9.4	1.0	86.0	24.2	0.0	1.1	0.0	0.5	39.0	2.7	0.0	1.4	0.0	1.4	0.0	0.8
22	0.7	0.7	0.0	0.6	3.6	1.8	4.4	1.2	34.7	2.9	0.0	8.1	25.8	2.0	0.0	0.5	0.0	5.2	0.1	1.3	0.0	1.3	0.0	0.8
23	0.6	0.7	0.0	0.6	0.0	0.8	0.0	0.9	6.1	4.1	2.6	4.4	0.2	2.6	0.0	0.5	0.0	2.6	0.0	1.3	0.0	1.3	5.7	0.9
24	0.7	0.7	0.0	0.6	0.3	0.7	26.3	1.2	0.0	2.1	0.0	3.2	0.4	1.3	0.0	0.5	0.0	1.9	17.9	1.4	0.0	1.3	6.9	1.3
25	0.0	0.7	0.0	0.6	2.0	0.7	20.0	5.6	0.0	1.6	34.7	5.0	4.6	1.5	0.5	0.4	0.0	1.6	43.6	7.0	0.0	1.2	0.0	1.0
26	0.0	0.6	0.0	0.6	0.0	0.6	0.0	2.4	0.0	1.4	0.0	5.2	27.1	3.0	8.9	0.6	24.4	1.6	0.1	3.2	16.2	1.3	0.0	0.9
27	0.0	0.6	0.0	0.5	0.0	0.6	0.0	1.9	0.0	1.2	0.0	3.5	9.1	3.6	0.0	0.6	17.9	5.2	0.0	2.4	12.7	2.6	0.0	0.8
28	0.0	0.6	0.0	0.5	0.0	0.6	0.0	1.5	0.0	1.2	0.0	2.8	0.0	2.3	0.0	0.5	0.0	2.8	0.0	2.0	1.2	1.9	0.0	0.8
29	0.0	0.6			32.8	1.3	0.0	1.4	0.0	1.1	0.0	2.4	9.5	2.0	0.0	0.4	0.0	2.2	0.0	1.8	0.0	1.6	43.4	2.2
30	0.0	0.6			3.4	2.3	25.7	2.1	0.0	1.0	0.0	1.4	0.0	1.8	6.7	0.6	8.7	2.0	0.0	1.6	0.0	1.5	0.1	3.1
31	0.0	0.6			0.0	1.2			0.0	0.9			0.0	1.4	0.0	0.5			0.0	1.4			0.0	1.6
total	24.5	23.4	36.1	22.1	75.6	21.7	145.8	41.8	103.5	48.9	230.0	79.2	134.0	53.7	38.0	23.6	262.1	57.3	161.5	83.4	126.2	68.7	62.2	35.3

HIGASHIYAMA

1935

unit: mm/day

annual precipitation: 2118.8

annual runoff: 1189.5

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	23.6	2.8	0.0	1.3	0.0	2.2	5.5	1.4	0.0	2.7	0.0	1.0	35.1	12.6	0.0	0.9	31.7	12.7	0.0	6.5	0.0	1.9	0.0	1.4
2	0.0	2.1	0.0	1.3	0.0	2.1	0.0	1.2	0.0	2.4	0.0	0.9	3.3	10.9	0.0	0.8	69.7	26.4	0.0	5.8	0.0	1.8	14.3	2.1
3	0.0	1.6	0.0	1.3	0.0	1.9	0.0	1.1	0.0	2.2	0.0	0.8	1.7	5.8	0.0	0.8	20.1	29.8	7.9	5.6	0.0	1.6	0.0	1.7
4	0.4	1.5	0.0	1.4	2.5	1.8	0.0	1.1	0.0	1.9	8.5	0.9	0.0	4.1	0.0	0.7	2.5	16.2	2.2	5.2	0.0	1.5	0.0	1.6
5	0.0	1.3	0.0	1.2	2.0	1.8	102.0	9.7	0.0	1.8	4.5	1.3	2.6	3.2	0.0	0.6	20.2	13.8	0.0	4.5	4.2	1.7	0.0	1.4
6	0.0	1.2	1.4	1.2	0.0	1.7	0.2	14.1	0.0	1.8	0.0	0.9	2.2	3.0	0.3	0.6	0.7	11.4	0.0	3.9	8.3	1.9	0.7	1.4
7	0.0	1.2	0.0	1.2	0.0	1.6	0.0	5.7	4.0	1.9	0.0	0.8	28.3	6.3	1.0	0.7	16.4	11.0	0.0	3.5	0.0	1.6	0.0	1.2
8	0.0	1.1	0.0	1.1	0.0	1.5	0.0	4.1	0.0	1.7	0.2	0.8	0.0	3.8	0.0	0.6	0.0	6.8	0.0	3.3	0.0	1.5	0.0	1.2
9	0.0	1.0	0.0	1.1	0.0	1.4	0.0	3.4	0.0	1.6	0.0	0.7	0.0	2.9	0.0	0.5	0.1	7.2	0.0	3.1	0.0	1.4	1.8	1.2
10	2.0	1.0	19.8	1.5	2.4	1.5	15.6	3.4	0.0	1.5	0.0	0.7	0.0	2.6	6.4	0.6	38.5	8.2	0.0	2.9	0.0	1.2	0.0	1.1
11	0.0	1.1	16.8	4.1	0.0	1.5	11.8	4.4	0.0	1.4	0.0	0.7	0.0	2.2	70.0	5.7	14.8	17.0	10.0	2.9	1.5	1.2	2.5	1.1
12	0.0	0.9	0.0	2.5	0.0	1.2	0.8	3.6	0.0	1.4	0.0	0.6	2.3	2.1	2.7	3.2	1.5	9.3	16.2	4.6	0.0	1.2	5.0	1.1
13	0.0	0.9	0.0	1.9	0.0	1.2	0.0	2.9	0.0	1.4	0.0	0.6	2.4	2.1	1.7	1.6	0.2	7.6	0.0	3.1	0.0	1.2	1.3	1.1
14	0.0	1.0	0.0	1.7	0.0	1.2	0.0	2.7	0.0	1.4	0.0	0.6	0.7	2.1	16.0	1.5	6.8	7.0	0.0	2.7	0.0	1.1	0.0	1.1
15	63.2	3.6	0.0	1.6	0.0	1.2	25.1	3.4	19.7	1.6	0.0	0.5	0.0	1.8	44.6	9.3	7.2	6.5	0.0	2.4	0.0	1.1	0.0	1.0
16	4.7	8.0	0.0	1.5	3.5	1.1	29.1	10.0	2.5	2.7	0.0	0.5	25.3	2.1	64.3	10.7	0.0	5.7	0.0	2.3	19.8	2.1	0.7	1.0
17	9.0	3.4	0.0	1.5	7.8	1.7	2.2	6.3	0.0	1.6	0.0	0.5	3.8	2.5	0.5	11.7	3.8	5.2	7.5	2.4	0.0	1.6	0.0	1.0
18	0.0	2.8	0.0	1.3	0.0	1.2	12.2	6.4	10.0	1.5	25.0	1.6	0.7	2.1	18.9	9.5	52.1	11.3	0.0	2.4	0.0	1.3	24.7	2.5
19	7.6	2.4	0.0	1.3	3.1	1.3	0.0	4.8	21.4	3.6	0.0	1.0	0.0	1.7	0.0	5.7	0.0	10.0	0.0	2.1	0.0	1.2	0.0	1.7
20	0.9	2.2	0.0	1.3	0.0	1.2	0.0	4.2	5.2	2.1	0.0	0.7	0.0	1.6	0.0	4.0	0.0	7.0	0.0	2.0	0.0	1.2	0.0	1.4
21	0.0	1.9	0.0	1.2	0.0	1.1	0.0	3.6	0.1	1.8	1.0	0.6	2.2	1.6	0.0	3.2	20.3	6.7	0.0	1.7	0.0	1.1	0.0	1.3
22	2.8	1.9	2.2	1.2	17.1	1.4	0.0	3.3	2.9	1.6	8.0	0.9	0.5	1.5	0.2	2.6	15.7	10.2	0.0	1.6	0.0	1.1	0.0	1.2
23	4.3	1.7	42.9	4.9	0.0	1.5	0.0	3.1	0.0	1.4	0.0	0.8	0.1	1.3	0.0	2.4	64.1	21.9	0.0	1.6	2.0	1.0	0.0	1.2
24	1.4	1.7	0.0	2.9	0.0	1.3	0.0	2.7	0.0	1.4	18.7	1.0	0.0	1.2	0.0	2.2	24.9	18.1	0.0	1.5	0.0	1.1	0.0	1.1
25	0.0	1.6	0.0	2.2	14.9	2.0	0.0	2.7	0.0	1.2	15.5	2.6	0.0	1.2	20.2	2.8	41.2	27.8	0.0	1.4	37.6	1.8	0.0	1.0
26	0.0	1.5	0.6	1.9	0.0	1.6	2.0	2.4	0.0	1.2	0.0	1.1	0.0	1.1	1.5	2.6	10.2	17.3	0.0	1.3	5.7	4.3	0.0	1.0
27	0.0	1.5	21.5	3.2	0.0	1.3	0.0	2.2	0.0	1.1	0.0	0.9	0.0	1.1	2.6	2.2	0.0	12.5	42.8	2.3	0.0	2.1	2.3	1.0
28	0.0	1.4	0.0	2.6	0.0	1.3	0.2	2.2	0.0	1.1	34.2	2.8	0.0	1.0	0.0	1.8	0.0	9.8	34.1	11.4	0.0	1.6	30.5	2.2
29	0.0	1.4			8.4	1.5	11.3	2.5	2.2	1.1	15.6	2.5	0.0	0.9	148.0	23.7	0.0	8.2	0.0	3.3	9.4	1.8	4.9	3.0
30	0.9	1.3			0.8	1.2	20.8	3.9	9.1	1.5	77.0	15.2	0.0	0.9	26.8	38.6	0.0	7.4	0.0	2.6	0.0	1.6	0.0	2.1
31	0.0	1.3			0.0	1.2			0.0	1.1			0.0	0.8	8.7	11.7			0.0	2.1			0.0	1.6
total	120.8	58.3	105.2	51.4	62.5	45.7	238.8	122.5	77.1	52.7	208.2	44.5	111.2	88.1	434.4	163.5	462.7	370.0	120.7	102.0	88.5	46.8	88.7	44.0

HIGASHIYAMA

1936

unit: mm/day

annual precipitation: 1914.8

annual runoff: 1024.9

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	0.0	1.4	10.0	0.9	0.0	1.0	0.0	1.4	0.0	5.0	1.0	6.2	0.2	4.3	0.0	1.6	0.0	0.7	1.0	2.0	0.0	3.8	0.0	1.4
2	0.0	1.4	0.1	0.9	0.0	1.0	0.0	1.4	0.0	4.4	0.0	4.3	16.7	3.6	0.0	1.5	1.1	0.8	6.0	2.0	1.1	3.3	0.0	1.3
3	1.6	1.4	0.0	0.9	0.0	0.9	16.3	1.9	0.0	4.0	0.0	3.5	17.5	5.5	5.0	1.7	14.2	1.2	195.5	41.5	0.0	2.9	0.0	1.3
4	0.0	1.2	0.8	0.9	0.0	0.9	13.6	2.7	0.0	3.7	18.3	5.0	0.0	4.0	5.5	1.9	2.0	0.8	17.8	55.6	0.0	2.7	0.0	1.2
5	2.5	1.2	9.8	0.9	0.0	0.9	0.5	1.9	0.0	3.4	0.0	3.6	0.0	2.7	0.0	1.5	0.0	0.7	0.0	11.4	15.2	3.5	0.0	1.2
6	1.5	1.2	0.0	0.9	0.0	0.9	0.0	1.6	0.0	3.2	0.0	3.0	5.3	2.7	0.0	1.4	0.0	0.7	0.0	7.1	0.0	2.7	0.1	1.2
7	0.0	1.1	0.0	0.9	0.0	0.9	4.5	1.6	26.6	5.0	0.0	2.7	66.0	12.4	2.2	1.3	0.0	0.7	0.0	5.6	33.7	3.4	0.1	1.1
8	0.0	1.1	0.9	0.8	0.0	0.9	0.0	1.6	0.0	3.6	0.0	2.5	0.1	7.5	0.0	1.3	0.0	0.6	0.0	4.7	7.0	7.1	0.0	1.1
9	0.0	1.1	14.1	1.6	5.6	0.9	28.5	3.0	0.8	3.2	2.7	2.4	10.3	5.9	0.0	1.2	0.0	0.6	0.0	3.9	0.0	4.4	0.0	1.1
10	0.0	1.0	0.0	1.3	1.0	0.9	2.7	3.2	0.0	2.9	1.5	2.4	76.2	28.7	5.7	1.5	0.0	0.5	0.8	3.6	0.3	3.7	0.0	1.1
11	0.0	0.9	0.0	1.2	0.0	0.9	0.0	2.4	0.0	2.7	0.0	2.2	0.6	12.4	14.0	2.0	4.0	0.7	0.0	3.3	5.2	3.6	0.0	1.1
12	0.0	1.0	0.0	1.1	0.0	0.9	15.8	2.5	0.0	2.5	0.0	2.0	0.0	7.9	0.0	1.5	18.5	1.4	0.3	3.0	0.0	3.2	14.5	1.5
13	0.5	1.0	0.0	1.0	46.3	3.7	12.8	3.2	0.0	2.4	0.0	1.9	26.7	8.2	0.0	1.2	0.0	0.9	5.2	3.1	0.0	2.8	0.0	1.4
14	0.0	1.0	0.0	1.0	18.4	11.2	18.3	5.1	0.7	2.3	0.5	1.8	0.0	7.1	19.8	2.6	0.2	0.7	0.0	2.8	0.0	2.7	0.0	1.2
15	0.0	0.9	0.0	1.0	0.0	4.5	0.0	4.0	2.4	2.3	0.0	1.7	0.0	5.5	0.0	1.4	0.0	0.6	0.0	2.4	0.0	2.5	1.2	1.1
16	1.3	0.9	0.0	1.0	0.0	3.2	0.0	3.3	0.0	2.1	1.6	1.7	0.4	4.8	0.0	1.2	0.0	0.6	0.0	2.3	0.0	2.2	0.1	1.1
17	0.0	0.9	0.0	1.0	0.0	2.7	0.0	2.8	0.0	2.0	0.0	1.6	0.3	4.4	13.2	1.7	1.0	0.6	2.5	2.2	0.0	2.2	0.0	1.0
18	3.2	0.9	5.9	1.4	6.1	2.6	0.0	2.5	4.0	2.2	0.0	1.5	0.0	3.9	6.0	1.5	0.0	0.5	0.5	2.3	0.1	2.0	17.6	1.6
19	0.7	0.9	0.0	1.6	0.0	2.2	29.4	3.9	12.5	2.0	0.0	1.4	0.0	3.5	0.0	1.3	0.0	0.5	3.9	2.2	3.0	2.0	17.3	3.1
20	1.9	0.9	0.0	1.3	0.0	2.0	1.1	3.9	9.6	3.1	4.2	1.5	0.0	3.2	0.0	1.1	6.5	0.6	15.7	2.9	0.0	2.0	0.8	2.0
21	1.0	0.9	0.0	1.2	17.8	2.4	0.0	3.0	0.0	2.1	9.0	1.6	0.0	2.9	0.0	1.0	18.0	1.1	1.0	2.6	0.0	1.8	26.5	3.3
22	1.4	0.8	0.0	1.1	6.1	3.4	43.7	5.4	0.0	1.7	0.3	1.4	0.0	2.7	0.0	0.9	6.5	1.5	0.0	2.1	0.0	1.8	5.3	2.9
23	0.3	0.8	7.3	1.1	3.0	2.6	14.6	8.0	26.0	2.9	11.3	1.7	0.3	2.5	0.3	0.9	0.0	0.8	0.0	1.8	0.0	1.7	0.0	2.3
24	0.0	0.8	11.2	1.2	0.0	2.3	0.0	5.1	2.4	2.9	0.0	1.6	33.5	4.6	9.5	1.4	0.0	0.6	0.0	1.7	0.0	1.6	0.0	2.0
25	9.7	0.9	0.6	1.2	0.0	2.0	20.0	5.0	0.0	2.1	0.0	1.3	0.0	3.4	3.7	1.1	0.0	0.6	0.0	1.7	0.0	1.6	0.0	1.7
26	12.6	2.0	1.7	1.1	0.0	2.0	41.8	17.8	1.1	1.8	0.0	1.2	0.0	2.7	0.0	0.9	0.0	0.5	20.8	2.0	0.2	1.4	0.0	1.6
27	0.5	1.3	2.5	1.1	0.0	1.8	0.0	8.6	30.3	3.4	0.0	1.1	0.0	2.3	14.8	1.4	80.3	3.8	64.0	15.1	3.4	1.5	0.0	1.5
28	0.4	1.1	0.0	1.1	0.0	1.7	15.3	7.6	14.3	5.2	27.6	1.6	0.0	2.1	0.9	1.1	57.3	20.0	0.0	4.8	1.7	1.6	0.0	1.4
29	0.0	1.0	0.0	1.0	0.0	1.6	6.6	6.4	0.0	3.8	30.8	5.1	0.0	1.9	0.0	1.0	0.0	4.6	0.4	3.5	0.0	1.4	0.0	1.3
30	0.2	1.0			0.0	1.5	2.4	5.7	0.0	2.9	33.0	6.0	0.0	1.8	0.0	0.8	0.0	2.6	32.0	5.6	0.0	1.4	0.0	1.2
31	10.9	0.9			0.0	1.5			48.5	6.9			0.0	1.6	0.0	0.8			0.0	5.0			0.4	1.2
total	50.2	32.9	64.9	31.7	104.3	65.9	287.9	126.5	179.2	97.7	141.8	75.5	254.1	166.7	100.6	41.7	209.6	50.5	367.4	209.8	70.9	78.5	83.9	47.5

HIGASHIYAMA

1937

unit: mm/day

annual precipitation: 1863.2

annual runoff: 937.2

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	5.1	1.4	0.0	1.0	0.2	2.1	0.0	2.0	0.0	2.3	0.0	1.3	18.2	2.1	0.0	5.6	1.2	0.9	29.3	1.9	10.5	1.9	0.0	1.7
2	0.0	1.3	44.8	2.7	18.9	2.8	0.0	1.8	15.2	2.7	0.0	1.2	14.5	3.7	0.0	4.6	0.0	0.8	24.0	4.3	1.5	1.8	5.2	1.8
3	0.0	1.2	0.6	4.2	0.0	2.8	0.0	1.7	4.3	2.7	0.0	1.1	0.0	2.8	0.0	4.0	0.0	0.8	0.0	2.9	16.1	2.0	0.0	1.7
4	0.0	1.1	0.0	2.4	36.1	5.8	0.0	1.7	0.0	2.2	0.0	1.1	0.0	2.2	0.0	3.6	0.0	0.7	0.0	2.0	1.2	2.3	0.0	1.6
5	0.0	1.1	0.0	2.0	5.2	5.1	3.5	1.8	0.0	1.9	0.0	1.0	0.0	1.9	0.0	3.2	0.0	0.7	0.2	1.6	6.2	1.8	4.8	1.6
6	4.8	1.2	0.0	1.7	0.0	3.9	0.0	1.7	0.0	1.8	11.2	1.1	14.7	2.3	0.0	2.9	0.0	0.7	5.2	1.6	37.1	5.2	3.8	1.6
7	3.7	1.3	6.0	1.8	16.1	4.1	0.0	1.6	0.0	1.7	3.9	1.7	5.0	2.3	17.0	3.1	0.0	0.6	0.0	1.4	31.8	8.0	0.0	1.5
8	0.0	1.2	1.9	1.7	0.0	3.8	0.0	1.5	0.0	1.6	25.1	1.7	8.3	2.5	24.6	5.0	0.0	0.6	14.0	1.4	5.5	5.0	0.0	1.5
9	0.0	1.1	0.0	1.5	0.0	3.2	13.9	2.0	0.0	1.5	3.8	2.9	0.0	1.9	0.0	3.6	28.6	2.1	43.6	7.2	27.7	6.7	0.0	1.6
10	1.8	1.0	0.0	1.4	0.0	2.9	0.0	1.8	0.0	1.4	0.0	1.6	2.9	1.8	0.0	2.9	5.8	1.0	0.0	3.6	5.3	5.7	0.0	1.5
11	0.0	1.1	0.1	1.4	28.7	3.4	0.0	1.5	0.0	1.3	0.0	1.3	0.0	1.6	0.0	2.6	40.7	3.1	0.0	2.7	0.0	5.0	3.1	1.6
12	3.0	1.0	19.3	2.3	52.5	22.5	0.0	1.5	0.0	1.4	0.0	1.1	0.9	1.5	0.0	2.3	13.0	3.3	1.1	2.2	0.1	4.2	0.0	1.5
13	0.2	1.0	42.3	4.2	0.0	8.5	0.0	1.4	0.0	1.2	0.0	1.1	1.8	1.5	0.0	2.1	0.0	1.6	12.5	2.8	0.0	3.7	2.2	1.4
14	0.0	1.0	25.8	13.8	0.0	5.3	0.0	1.4	0.0	1.2	0.0	1.0	19.3	2.6	0.0	2.1	0.0	1.2	9.7	2.4	0.0	3.2	0.0	1.3
15	0.0	1.0	0.0	6.1	0.0	5.1	5.7	1.4	1.0	1.2	0.1	1.0	36.9	3.9	0.0	2.0	0.0	1.0	2.1	2.5	0.0	2.9	0.0	1.3
16	0.0	1.0	0.0	4.4	0.0	4.4	12.3	2.2	0.0	1.1	1.2	1.0	105.2	31.5	0.0	1.8	33.9	2.2	33.4	3.4	0.0	2.7	0.0	1.3
17	0.0	0.9	0.0	3.5	0.0	3.8	4.3	1.7	0.0	1.1	41.4	3.9	6.3	14.1	0.0	1.7	6.0	2.8	28.0	8.8	0.0	2.5	0.0	1.2
18	0.0	0.9	0.0	3.0	0.0	3.5	0.7	1.7	1.2	1.0	2.1	2.2	4.4	9.2	0.0	1.6	0.0	1.6	2.2	6.2	9.1	2.5	0.0	1.2
19	0.4	0.9	0.0	2.7	0.0	3.3	0.0	1.4	3.7	1.2	24.4	3.6	0.0	6.3	0.0	1.6	20.5	2.0	0.0	4.4	5.0	3.1	22.9	2.1
20	14.8	1.4	0.0	2.5	0.0	3.1	0.0	1.3	0.0	1.0	0.0	2.5	0.0	4.9	0.4	1.6	2.5	2.4	0.0	3.6	0.0	2.4	0.0	1.9
21	0.0	1.2	0.0	2.3	1.2	3.0	13.5	1.4	54.7	4.7	0.0	1.9	0.0	4.1	0.0	1.5	0.0	1.7	0.0	3.0	0.0	2.2	0.0	1.6
22	9.1	1.4	0.0	2.2	0.0	2.8	15.2	3.3	0.9	3.0	0.0	1.7	0.0	3.6	2.6	1.5	0.1	1.3	0.0	2.6	22.3	3.8	0.0	1.4
23	0.4	1.2	1.1	2.0	0.0	2.6	13.9	2.9	0.0	1.9	1.0	1.5	0.0	3.2	1.8	1.6	8.0	1.6	0.0	2.4	0.0	2.9	0.2	1.3
24	0.0	1.1	4.3	2.2	7.0	2.5	8.8	3.4	6.0	1.7	0.6	1.5	0.0	2.9	0.0	1.4	0.0	1.3	0.0	2.3	0.0	2.5	2.5	1.3
25	0.0	1.0	6.4	2.1	15.9	3.3	5.0	2.9	15.5	3.0	0.0	1.3	0.0	2.7	4.1	1.4	0.0	1.1	0.0	2.0	0.0	2.3	31.4	3.9
26	3.8	1.1	6.8	2.5	2.1	3.0	33.8	6.8	0.0	1.9	0.0	1.2	2.0	2.5	0.0	1.2	0.0	1.1	0.2	1.9	0.0	2.1	0.3	2.6
27	0.3	1.0	0.0	2.1	0.2	2.6	0.0	4.9	2.6	1.7	10.8	1.3	13.0	3.0	0.0	1.1	2.4	1.0	0.0	1.8	0.0	2.0	0.3	2.1
28	0.2	1.0	8.4	2.3	0.0	2.4	0.0	3.6	7.7	2.1	29.0	3.0	1.3	2.5	0.0	1.0	1.4	1.1	0.0	1.7	0.0	1.9	0.7	1.9
29	5.3	1.0			0.0	2.2	0.0	2.9	1.8	1.7	0.0	2.9	109.4	16.0	0.0	1.0	0.0	0.9	0.0	1.7	0.0	1.8	1.2	1.7
30	1.8	1.2			0.0	2.1	0.0	2.6	0.0	1.6	0.3	1.9	5.8	17.7	0.0	0.9	5.0	1.0	0.0	1.6	0.0	1.8	1.0	1.7
31	0.0	1.1			0.0	2.0			0.0	1.4			0.5	7.5	0.0	0.9			0.5	1.6			1.5	1.6
total	54.7	34.4	167.8	82.0	184.1	127.9	130.6	67.8	114.6	56.2	154.9	51.6	370.4	166.3	50.5	71.4	169.1	42.2	206.0	89.5	179.4	95.9	81.1	52.0

HIGASHIYAMA

1938

unit: mm/day

annual precipitation: 2247.5

annual runoff: 1347.4

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	0.0	1.5	0.6	1.7	0.0	1.3	0.0	2.7	0.0	1.5	13.8	2.6	0.0	16.2	6.9	1.9	6.7	2.1	0.3	1.2	0.0	7.4	0.6	1.4
2	0.0	1.5	0.0	1.4	0.0	1.4	0.0	2.5	1.6	1.5	0.5	2.0	7.3	11.2	17.7	2.9	3.2	1.7	0.0	1.1	0.0	5.3	0.0	1.2
3	0.3	1.4	0.0	1.3	12.5	1.7	0.0	2.3	102.4	11.6	0.0	1.7	33.9	12.0	50.5	5.4	17.3	2.9	2.0	1.1	0.0	4.5	0.0	1.2
4	0.2	1.4	0.0	1.2	2.2	2.3	6.3	2.5	1.1	15.7	0.0	1.5	140.6	57.8	14.4	5.8	1.5	2.1	98.8	9.5	0.0	3.9	0.0	1.2
5	0.0	1.3	1.3	1.2	0.0	1.7	0.0	2.2	0.0	6.7	0.0	1.4	69.3	83.0	1.0	3.4	9.8	2.1	13.1	11.8	0.0	3.5	0.0	1.2
6	0.0	1.2	1.8	1.3	9.7	2.0	0.0	2.0	3.0	4.9	0.5	1.4	42.6	57.7	4.7	2.9	35.7	6.2	0.0	4.7	0.0	3.2	1.0	1.2
7	0.0	1.2	0.3	1.2	5.1	1.9	0.0	1.9	23.1	6.7	0.0	1.3	0.0	24.9	0.0	2.4	1.2	3.5	0.0	3.4	0.0	3.0	0.4	1.1
8	3.2	1.2	0.0	1.2	0.0	1.8	3.2	2.0	2.7	5.1	0.0	1.3	7.1	17.6	0.0	2.0	0.2	2.8	0.0	2.7	9.9	3.2	0.0	1.1
9	0.0	1.2	0.0	1.1	0.0	1.6	0.0	1.9	11.6	5.5	27.5	2.6	0.0	13.9	6.8	2.1	0.0	2.4	0.0	2.4	0.0	3.0	0.0	1.1
10	0.0	1.2	0.4	1.1	12.0	1.9	0.0	1.7	0.0	4.5	20.5	3.5	0.0	10.9	7.8	2.3	0.0	2.1	0.0	2.2	0.0	2.6	0.0	1.0
11	0.0	1.1	0.0	1.0	4.1	2.2	28.8	2.6	0.0	3.9	7.0	2.7	0.0	9.0	0.0	1.8	31.4	4.7	0.7	2.1	0.0	2.5	0.0	0.9
12	0.0	1.1	0.2	1.1	0.0	1.8	9.1	3.8	0.0	3.5	1.2	2.1	0.0	7.7	0.0	1.6	0.0	2.6	8.2	2.2	5.1	2.5	0.0	1.0
13	0.0	1.1	0.0	1.1	0.0	1.7	0.0	2.5	1.1	3.2	8.0	2.1	1.2	7.2	0.2	1.5	0.0	2.2	44.3	5.5	4.9	2.3	0.0	0.9
14	0.0	1.0	12.4	1.1	0.0	1.6	0.0	2.1	0.0	2.9	23.6	4.2	0.6	7.2	4.2	1.7	0.0	2.0	8.6	5.5	0.3	2.5	0.0	0.9
15	0.0	1.0	6.7	1.7	0.0	1.5	19.7	3.1	0.0	2.7	16.2	5.4	5.1	6.2	3.8	1.6	0.0	1.7	0.4	4.0	0.0	2.3	0.0	0.9
16	0.0	1.0	0.0	1.2	0.0	1.4	0.0	2.6	0.0	2.6	2.6	4.1	0.0	5.3	0.0	1.4	0.0	1.6	62.5	12.6	0.0	2.1	0.0	0.8
17	0.0	1.0	23.2	1.3	0.0	1.4	0.0	2.2	6.2	2.5	70.0	13.7	0.0	4.6	0.4	1.3	0.0	1.5	0.0	9.8	7.7	2.5	8.0	1.0
18	0.0	1.0	5.9	3.0	0.0	1.3	20.7	3.1	12.8	3.4	17.2	13.2	0.0	4.1	51.5	4.0	0.0	1.4	0.0	6.4	0.0	2.1	0.0	1.2
19	3.5	1.1	9.5	1.9	0.0	1.2	0.0	2.7	10.4	3.2	0.0	7.7	0.0	3.7	27.4	4.8	0.0	1.3	0.0	5.0	0.0	2.0	0.0	0.9
20	25.5	2.0	7.0	1.7	0.0	1.2	0.0	2.3	0.6	2.8	4.8	5.7	0.0	3.3	0.2	4.5	26.3	2.0	0.0	4.2	0.0	1.9	0.0	0.8
21	11.6	3.1	0.0	1.6	0.0	1.2	0.0	2.2	0.0	2.4	6.2	5.3	0.0	3.1	0.5	2.7	2.3	2.6	25.0	4.4	0.0	1.7	0.0	0.8
22	0.0	2.2	0.0	1.6	37.1	2.7	0.0	1.9	0.0	2.2	0.0	4.4	0.0	2.7	0.0	2.3	0.0	1.6	10.8	5.8	0.0	1.6	29.9	2.1
23	0.0	1.7	0.0	1.5	0.4	3.0	7.9	2.0	27.0	3.1	0.0	3.6	0.0	2.5	0.5	1.8	16.0	1.8	3.0	5.0	0.0	1.6	0.0	1.7
24	0.0	1.5	0.0	1.5	78.7	19.6	2.1	2.1	3.3	3.6	0.0	3.3	0.0	2.3	36.7	4.3	0.3	2.1	0.0	4.1	0.0	1.6	13.0	1.8
25	0.0	1.4	0.0	1.4	4.6	9.8	1.1	1.9	0.0	2.7	32.0	5.0	0.0	2.1	0.0	2.9	2.0	1.7	0.0	3.9	0.0	1.5	0.0	1.6
26	2.5	1.4	0.0	1.3	0.1	5.9	0.0	1.8	0.0	2.3	26.9	9.7	0.0	2.0	25.0	3.4	0.0	1.4	1.6	3.3	0.0	1.5	0.2	1.2
27	0.0	1.3	0.0	1.3	0.0	4.5	0.0	1.6	0.0	2.1	0.0	6.1	7.0	2.2	3.6	3.6	0.2	1.3	0.0	3.1	0.4	1.4	0.0	1.1
28	0.4	1.2	0.0	1.3	2.6	3.9	17.5	2.5	0.0	2.0	48.7	6.7	2.9	2.2	3.4	3.1	1.0	1.3	0.0	2.9	0.0	1.3	1.6	1.0
29	0.0	1.3			7.5	4.0	0.0	2.0	0.0	1.9	76.6	26.7	0.0	1.9	0.0	2.6	0.0	1.3	3.9	2.9	0.0	1.3	0.9	1.1
30	0.0	1.2			0.0	3.2	0.0	1.7	3.2	1.8	22.4	32.3	0.0	1.9	0.1	2.2	0.0	1.2	43.3	6.4	0.7	1.4	0.0	0.9
31	18.2	1.8			0.0	2.9			2.3	2.0			4.5	1.7	0.4	1.9			25.2	8.7			0.0	0.9
total	65.4	42.6	69.3	39.3	176.6	93.6	116.4	68.4	212.4	120.5	426.2	183.3	322.1	388.1	267.7	86.1	155.1	65.2	351.7	147.9	29.0	77.2	55.6	35.2

HIGASHIYAMA

1939

unit: mm/day

annual precipitation: 1572.6

annual runoff: 660.9

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	0.6	0.9	0.0	0.8	0.0	0.8	2.0	1.1	3.6	1.6	2.1	1.3	0.0	3.1	66.4	6.3	0.0	1.0	0.0	1.8	0.0	2.2	0.0	1.5
2	7.3	1.2	0.0	0.8	0.0	0.8	0.4	1.0	0.0	1.5	4.0	1.5	0.4	2.3	0.3	3.8	0.0	0.9	0.0	1.6	0.0	2.1	0.0	1.3
3	0.0	1.1	0.0	0.8	0.0	0.8	27.0	2.3	19.0	2.6	0.0	1.3	0.0	1.8	0.2	2.0	0.0	0.8	0.0	1.5	0.0	2.0	0.0	1.3
4	0.0	1.0	1.7	0.8	4.7	0.9	0.0	1.7	0.0	1.7	0.0	1.2	0.0	1.6	0.0	1.5	0.3	0.8	18.2	2.2	5.2	2.0	0.0	1.2
5	18.8	2.0	0.0	0.8	0.0	0.9	0.0	1.4	0.0	1.5	0.0	1.1	3.0	1.5	8.1	1.7	0.0	0.7	0.0	2.0	25.4	4.2	0.0	1.2
6	0.0	1.4	21.8	0.9	0.0	0.8	0.0	1.2	0.5	1.4	0.0	1.0	5.6	1.7	1.2	1.4	0.0	0.7	16.3	2.6	0.0	2.7	0.0	1.2
7	0.0	1.2	0.8	0.8	19.8	1.3	0.1	1.2	0.8	1.3	0.0	1.0	0.0	1.4	17.0	2.1	0.0	0.7	0.0	2.0	0.0	2.4	0.6	1.2
8	0.2	1.1	4.0	0.7	2.5	1.4	7.2	1.2	0.0	1.3	1.2	1.1	0.0	1.3	1.3	1.8	0.0	0.7	0.0	1.8	0.0	2.2	0.0	1.1
9	0.0	1.0	0.0	0.7	0.0	1.0	0.0	1.3	0.0	1.3	31.8	2.3	0.0	1.2	23.0	2.7	2.1	0.8	0.4	1.5	0.0	2.0	0.0	1.1
10	0.0	1.0	2.1	0.7	0.0	1.0	0.0	1.1	0.0	1.2	0.0	1.9	0.0	1.1	0.7	2.6	15.7	1.0	0.2	1.7	26.5	2.9	0.2	1.1
11	0.0	0.9	0.0	0.7	18.3	1.2	0.0	1.0	0.0	1.1	0.2	1.2	75.7	6.1	9.0	2.5	26.0	2.9	0.0	1.5	0.0	3.2	2.3	1.1
12	0.0	0.9	1.3	0.8	59.3	8.8	0.0	1.0	63.1	4.0	14.7	1.8	0.0	2.7	0.0	1.9	0.0	1.2	2.9	1.4	0.0	2.3	2.8	1.1
13	0.0	0.9	0.0	1.0	0.0	4.2	19.3	1.2	67.2	24.7	0.0	1.4	0.0	2.0	0.0	1.6	0.0	0.9	5.7	1.9	0.0	2.1	0.0	1.1
14	0.0	0.8	0.0	0.9	0.0	2.8	22.4	4.6	0.0	8.8	0.0	1.1	0.0	1.7	0.0	1.4	0.0	0.8	0.0	1.5	0.0	2.0	0.0	1.0
15	0.0	0.8	0.0	0.8	0.0	2.2	0.0	2.3	0.0	5.6	0.0	1.0	32.7	3.7	0.0	1.2	0.0	0.7	0.0	1.3	0.0	1.8	0.0	1.0
16	0.0	0.9	0.0	0.8	0.0	1.9	0.0	1.9	0.0	4.2	0.0	0.9	0.0	2.2	0.0	1.1	1.7	0.7	9.6	1.5	0.0	1.6	0.0	1.0
17	0.0	0.9	0.0	0.8	0.0	1.7	0.0	1.7	0.0	3.4	0.0	0.9	0.0	1.8	0.0	1.0	15.1	0.9	44.5	3.6	0.0	1.7	0.0	1.0
18	1.1	0.9	0.6	0.8	1.0	1.6	0.0	1.5	0.0	3.0	0.0	0.8	0.0	1.6	0.0	1.0	69.0	11.6	8.7	5.9	0.0	1.7	0.0	0.9
19	21.1	1.9	0.0	1.0	1.0	1.5	0.0	1.3	0.0	2.7	0.0	0.8	1.0	1.4	0.0	0.9	0.0	3.3	0.0	3.1	0.0	1.5	0.0	0.9
20	0.0	1.3	0.0	0.9	0.0	1.4	0.0	1.2	0.0	2.4	0.0	0.7	0.0	1.3	8.8	1.3	3.0	2.1	0.9	2.6	3.3	1.5	0.0	0.9
21	0.0	1.0	15.4	1.2	0.5	1.3	13.6	1.4	0.0	2.2	7.9	1.0	4.2	1.4	1.5	1.0	40.0	3.4	0.0	2.1	2.2	1.7	0.0	0.9
22	0.0	1.0	1.3	1.4	0.0	1.2	21.0	2.7	0.0	2.1	4.3	0.8	0.0	1.2	3.3	1.1	28.8	8.5	0.0	1.9	4.3	1.6	0.0	0.9
23	0.0	1.0	0.0	1.1	15.7	2.0	0.6	2.6	0.0	1.9	7.4	1.3	0.0	1.1	62.8	5.1	18.9	7.1	0.0	1.6	26.1	3.9	0.0	0.9
24	0.0	1.0	0.0	1.0	0.0	1.5	2.8	1.9	0.9	1.9	0.0	0.9	0.9	1.1	0.0	3.4	0.0	5.1	0.0	1.6	0.0	2.4	0.0	0.9
25	0.0	0.9	0.0	0.9	2.4	1.4	0.0	1.7	2.5	2.0	14.2	0.8	0.0	1.0	1.6	2.0	0.0	3.6	8.7	1.8	0.0	2.1	0.0	0.8
26	0.0	0.9	6.7	1.1	1.2	1.4	0.0	1.5	0.0	1.7	45.3	5.3	1.3	1.0	3.1	1.7	0.0	2.9	8.2	2.0	0.0	1.7	0.0	0.8
27	0.0	0.9	0.0	0.9	0.0	1.2	23.1	2.6	0.0	1.6	0.0	2.2	0.7	1.0	0.0	1.4	0.3	2.5	51.3	7.9	0.0	1.7	0.0	0.8
28	0.0	0.8	0.0	0.8	0.0	1.2	0.0	2.1	0.0	1.5	27.2	1.6	3.6	1.2	0.0	1.2	0.0	2.1	0.0	4.7	0.0	1.6	0.0	0.8
29	0.0	0.8			1.4	1.2	0.0	1.8	0.0	1.4	35.4	6.9	7.4	1.2	0.0	1.1	6.0	2.2	0.0	3.4	0.2	1.5	0.0	0.8
30	0.0	0.8			0.0	1.1	0.0	1.6	0.0	1.3	0.0	5.9	0.0	0.9	0.0	1.0	0.2	2.0	0.0	2.8	0.0	1.4	0.0	0.8
31	0.0	0.8			0.0	1.1			0.0	1.3			0.0	0.9	0.0	0.9			0.6	2.6			0.0	0.8
total	49.1	32.0	55.7	24.7	127.8	51.6	139.5	51.1	157.6	94.2	195.7	51.0	136.5	53.5	208.3	59.7	227.1	72.6	176.2	75.4	93.2	63.7	5.9	31.4