

HIGASHIYAMA

1970

unit: mm/day

annual precipitation: 1920.4

annual runoff: 1140.8

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	0.8	0.0	1.4	0.9	1.4	0.0	0.9	0.0	3.0	31.7	2.5	43.8	7.8	29.7	13.2	0.0	3.2	0.0	3.5	0.0	1.9	4.8	2.6
2	0.0	0.8	0.2	1.0	0.0	1.2	0.0	0.9	0.0	2.7	0.9	3.5	5.3	9.9	0.5	6.7	1.5	2.8	0.0	3.3	0.0	1.9	0.4	2.7
3	0.0	0.8	0.0	0.7	0.0	1.1	2.5	0.9	0.0	2.5	0.0	2.2	5.2	7.0	0.0	4.8	4.3	2.8	0.0	3.0	0.0	1.8	8.7	3.7
4	0.0	0.8	0.0	0.7	25.0	1.3	18.3	1.8	0.0	2.3	0.0	2.0	0.0	5.9	0.2	4.0	0.0	2.5	0.5	2.8	0.0	1.7	4.8	3.4
5	0.0	0.8	0.0	0.7	3.1	2.1	0.4	1.3	0.0	2.2	0.0	1.8	0.1	5.3	0.0	3.5	0.0	2.4	13.0	3.4	0.0	1.7	0.0	3.2
6	0.0	0.7	0.0	0.6	3.6	1.6	0.0	1.2	2.1	2.1	2.5	1.8	2.9	4.8	0.0	3.1	0.0	2.3	0.2	2.8	0.0	1.6	0.0	2.9
7	0.0	0.8	0.0	0.6	0.0	1.4	0.0	1.1	16.1	2.8	1.1	1.7	0.1	4.4	0.0	2.8	0.0	2.1	0.0	2.6	0.2	1.6	0.0	2.7
8	0.0	0.8	6.6	0.7	0.0	1.3	1.7	1.0	23.1	4.3	0.0	1.5	0.1	4.0	2.2	2.8	0.0	2.0	0.0	2.4	0.0	1.5	0.3	2.6
9	0.0	0.7	8.3	1.3	0.5	1.3	0.0	1.0	1.9	3.4	0.0	1.4	4.5	3.9	0.0	2.6	0.0	1.9	0.0	2.2	0.0	1.5	0.6	2.4
10	0.0	0.7	3.8	0.8	14.2	2.1	0.0	0.9	13.0	3.7	0.0	1.4	0.3	3.7	0.0	2.4	0.0	1.8	0.0	2.2	0.0	1.5	0.1	2.3
11	0.0	0.7	0.0	0.7	2.8	1.9	8.0	1.0	7.2	3.4	12.3	1.6	7.7	3.7	0.0	2.2	0.0	1.8	3.8	2.2	1.5	1.4	0.0	2.2
12	0.0	0.7	0.0	0.8	0.0	1.6	25.1	3.0	5.1	3.9	21.0	3.4	11.7	4.3	0.0	2.0	12.9	2.2	19.9	3.3	0.7	1.4	0.0	2.1
13	0.2	0.7	0.0	0.8	0.0	1.4	0.0	1.9	0.0	3.2	0.5	2.3	0.0	3.6	49.2	7.9	7.6	2.4	21.9	4.5	0.0	1.4	18.6	3.1
14	0.0	0.7	0.0	0.8	0.0	1.3	0.0	1.5	0.0	2.8	0.2	1.9	4.4	3.6	0.0	3.5	0.0	2.0	10.9	4.4	0.0	1.3	0.0	2.8
15	0.0	0.7	0.0	0.7	0.0	1.3	1.8	1.4	0.0	2.5	40.8	4.1	20.0	4.6	16.7	3.8	18.0	2.8	0.0	3.6	11.6	1.9	0.0	2.4
16	0.0	0.7	0.0	0.7	10.9	1.5	0.0	1.3	0.0	2.3	150.3	41.0	0.1	3.8	44.6	13.0	4.7	2.4	0.0	3.1	0.2	1.5	0.0	2.2
17	3.5	0.6	0.0	0.6	10.2	2.1	0.0	1.2	18.4	2.8	31.9	49.8	5.0	3.4	0.0	6.1	0.0	2.0	11.2	3.1	0.0	1.3	0.3	2.1
18	0.0	0.6	0.0	0.6	0.0	1.6	34.8	2.8	0.3	2.8	3.8	16.5	2.3	3.2	15.8	4.9	4.4	1.9	9.3	4.2	0.0	1.3	0.0	2.0
19	0.0	0.6	0.0	0.7	0.0	1.5	11.6	3.6	0.0	2.3	32.6	14.3	8.2	3.2	4.0	5.4	51.7	7.6	0.0	3.3	43.3	4.2	0.0	2.0
20	0.0	0.6	0.0	0.6	0.0	1.4	8.3	3.9	0.5	2.0	10.3	13.9	0.0	3.0	0.0	4.1	2.1	4.8	0.0	2.8	55.0	9.2	0.0	1.9
21	0.0	0.6	6.6	0.7	0.0	1.3	31.4	7.1	39.0	6.1	5.0	11.0	0.0	2.6	4.3	3.8	0.0	3.4	0.0	2.6	1.8	8.9	0.0	1.8
22	0.0	0.7	0.0	0.8	0.0	1.2	0.0	5.9	0.0	3.7	1.3	9.3	0.0	2.3	25.9	4.2	0.0	2.8	0.0	2.4	0.0	4.6	0.2	1.8
23	0.0	0.6	0.0	0.7	2.5	1.2	0.0	4.2	0.0	3.0	7.5	9.0	0.0	2.2	29.8	11.6	50.5	10.2	0.0	2.3	0.0	3.6	3.1	1.8
24	0.0	0.6	0.0	0.6	0.0	1.2	0.0	3.4	0.0	2.6	0.1	7.2	0.0	2.1	2.5	6.5	18.1	10.5	0.5	2.2	0.0	3.1	0.0	1.7
25	0.0	0.6	31.7	1.7	0.0	1.2	0.0	2.8	0.0	2.4	5.5	6.6	0.0	2.0	0.0	5.2	1.0	6.8	0.5	2.0	0.0	2.7	0.0	1.7
26	0.0	0.6	1.8	2.0	0.0	1.1	23.8	3.9	11.4	2.4	37.0	10.9	0.0	1.9	0.0	4.4	18.8	7.0	30.0	3.4	9.1	2.7	0.0	1.6
27	0.0	0.6	14.7	2.4	0.0	1.1	0.4	3.1	0.0	2.7	0.0	9.5	0.0	1.8	0.0	3.9	0.0	5.5	0.3	3.6	15.3	4.1	0.0	1.6
28	0.0	0.6	0.9	1.7	4.0	1.1	0.0	2.7	0.0	2.1	0.0	7.6	0.0	1.7	0.0	3.6	0.0	4.7	0.9	2.6	0.1	3.2	0.0	1.5
29	0.0	0.6			0.0	1.1	25.4	4.7	0.0	1.9	0.0	6.1	0.0	1.6	0.0	3.2	0.3	4.2	0.0	2.3	0.0	2.8	0.0	1.5
30	0.0	0.6			0.0	1.0	0.0	3.5	0.0	1.8	0.0	5.5	9.7	1.8	0.0	3.0	2.7	3.9	0.1	2.2	10.0	2.7	0.0	1.5
31	25.8	1.5			0.0	1.0			0.0	1.7			100.0	19.4	20.1	3.8			0.0	2.0			21.5	2.0
total	29.5	21.9	74.6	26.1	77.7	42.9	193.5	73.9	138.1	87.4	396.3	251.3	231.4	132.5	245.5	152.0	198.6	112.7	123.0	90.3	148.8	80.0	63.4	69.8

HIGASHIYAMA

1971

unit: mm/day

annual precipitation: 2046.2

annual runoff: 1328.1

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	0.2	2.4	0.0	0.9	0.0	0.9	65.8	8.3	0.0	4.7	0.9	3.2	0.0	2.2	0.3	5.2	19.1	41.2	0.8	6.6	0.0	2.8	4.7	1.3
2	0.0	1.8	0.0	0.9	0.0	0.9	0.0	5.8	0.0	3.8	0.0	2.9	10.3	2.4	0.0	4.8	0.0	13.3	13.8	6.9	0.0	2.4	0.0	1.3
3	0.0	1.6	0.0	0.9	20.6	1.5	0.0	3.4	0.0	3.4	0.2	2.6	24.1	5.0	0.9	4.3	13.4	10.1	0.0	5.9	0.0	2.2	0.2	1.2
4	1.4	1.6	0.0	0.9	10.5	2.5	0.0	2.6	14.0	2.9	14.4	3.2	0.0	3.5	0.0	3.9	4.1	8.9	0.0	5.2	0.0	2.1	0.0	1.1
5	0.1	1.5	0.0	0.9	0.0	1.6	0.0	2.2	41.8	11.8	23.4	5.0	0.0	2.8	3.8	3.7	1.9	6.8	21.7	5.9	0.0	1.9	0.0	1.1
6	0.0	1.4	0.0	0.9	0.0	1.3	3.8	2.1	1.0	6.5	19.5	4.0	0.0	2.4	34.3	7.9	13.7	6.4	1.6	5.7	1.9	1.9	0.9	1.0
7	0.0	1.4	0.0	0.9	0.6	1.3	2.1	2.1	35.7	9.5	4.1	5.2	35.9	4.3	8.2	5.4	17.8	7.6	2.0	4.9	10.7	2.5	0.0	1.0
8	0.0	1.5	0.0	0.9	0.0	1.2	0.0	1.8	1.8	7.7	0.0	3.9	23.5	7.7	0.0	4.3	16.0	11.0	0.0	4.3	0.5	2.0	0.0	1.0
9	0.0	1.4	0.0	0.9	0.0	1.2	12.9	2.1	0.0	6.2	0.7	3.4	42.2	9.3	0.0	3.7	0.0	7.7	0.0	4.0	0.0	1.9	0.0	1.0
10	0.0	1.3	0.3	0.9	0.0	1.1	41.6	9.8	0.0	5.1	0.0	3.0	30.4	17.8	0.0	3.3	7.7	6.5	3.1	3.8	0.0	1.8	0.0	1.0
11	0.0	1.3	0.0	0.8	0.0	1.1	0.0	4.6	0.0	4.6	5.1	3.1	0.0	10.0	0.0	3.0	56.9	15.9	5.1	3.8	0.0	1.7	0.0	0.9
12	0.0	1.3	0.0	0.8	0.0	1.0	0.0	3.8	0.0	4.1	9.0	3.3	10.1	7.5	0.0	2.8	11.8	15.4	13.4	4.7	0.0	1.6	1.4	0.9
13	0.0	1.3	16.4	1.2	0.0	1.0	0.0	3.0	0.0	3.7	13.2	4.0	11.8	6.7	0.0	2.7	0.0	11.0	0.0	3.8	0.0	1.5	0.4	0.9
14	2.3	1.3	0.0	1.3	0.4	1.0	0.0	2.7	0.0	3.5	1.8	3.5	8.2	7.0	0.0	2.4	0.0	8.4	6.1	3.5	0.0	1.5	0.0	0.9
15	0.0	1.2	20.2	1.5	0.0	0.9	0.0	2.5	0.0	3.2	0.4	3.1	0.0	5.5	0.0	2.3	0.0	6.8	9.6	4.2	0.3	1.5	1.7	0.9
16	0.0	1.2	3.1	2.2	0.0	0.9	5.0	2.3	0.0	3.0	18.1	3.8	0.0	4.6	0.0	2.1	0.0	6.0	0.0	3.5	3.4	1.5	0.0	0.9
17	0.0	1.2	0.0	1.4	3.0	1.0	22.5	3.5	0.0	2.8	0.7	3.9	2.8	4.1	6.5	2.5	0.0	5.5	0.0	3.1	0.0	1.4	0.0	0.9
18	0.0	1.2	4.3	1.4	0.0	0.9	5.0	3.7	0.0	2.6	0.0	3.2	4.8	4.1	0.0	2.1	0.3	5.0	0.7	2.9	0.0	1.4	0.0	0.9
19	0.0	1.2	0.0	1.2	0.0	0.9	0.0	2.9	6.5	2.7	0.0	2.8	60.4	12.2	5.8	2.2	6.9	5.0	0.0	2.8	0.0	1.4	0.0	0.9
20	0.0	1.1	0.0	1.1	0.0	0.9	0.0	2.5	20.8	4.1	0.0	2.6	0.0	6.3	2.6	2.3	0.0	4.6	0.0	2.6	0.0	1.3	0.0	0.9
21	6.5	1.4	0.0	1.1	0.0	0.9	0.0	2.4	0.0	2.9	4.7	2.7	0.0	5.0	1.2	2.2	0.0	4.1	0.0	2.5	0.0	1.3	0.0	0.8
22	2.3	1.4	2.4	1.1	0.0	0.8	16.0	2.4	0.0	2.5	1.5	2.6	5.2	4.6	0.0	1.9	56.7	11.6	0.0	2.4	0.5	1.3	0.0	0.8
23	0.0	1.2	2.8	1.2	2.2	0.8	20.1	5.8	0.0	2.3	0.0	2.4	9.2	4.6	3.8	2.0	0.0	7.1	0.0	2.5	0.0	1.2	0.0	0.8
24	0.0	1.1	5.0	1.3	0.0	0.9	0.0	3.6	1.5	2.2	0.0	2.1	26.0	6.6	0.0	1.8	0.0	5.5	3.3	2.4	0.4	1.2	0.0	0.8
25	0.0	1.0	0.0	1.1	0.0	0.8	0.4	3.1	25.5	3.4	2.3	2.1	3.3	5.5	0.0	1.7	0.0	4.8	0.0	2.1	0.0	1.2	0.9	0.7
26	0.2	1.0	0.2	1.0	0.0	0.8	0.0	2.7	0.0	3.4	0.0	1.9	40.5	10.1	0.0	1.6	6.0	4.3	8.0	2.1	0.0	1.2	21.3	1.2
27	0.0	1.0	1.0	1.0	17.7	1.4	0.0	2.5	0.5	2.4	0.2	1.9	44.5	20.3	0.0	1.5	119.2	40.3	2.0	2.4	0.0	1.1	2.0	1.5
28	0.0	1.0	0.0	1.0	0.0	1.2	0.0	2.3	57.6	8.3	3.6	1.9	0.5	12.3	0.0	1.5	0.0	16.0	1.5	2.1	3.4	1.3	29.3	3.6
29	0.0	1.0			0.0	1.0	23.7	3.3	0.0	6.5	29.4	3.8	0.0	8.5	0.0	1.3	0.0	9.9	0.0	1.9	0.0	1.2	0.0	1.8
30	0.0	1.0			3.7	1.0	33.3	8.8	0.0	4.5	0.0	2.6	0.0	6.8	19.6	1.3	0.0	8.2	10.6	2.0	3.8	1.1	0.0	1.5
31	0.0	1.0			7.5	1.2			0.0	3.7			0.0	5.9	240.0	65.9			25.8	4.6			10.2	1.8
total	13.0	40.3	55.7	30.7	66.2	33.9	252.2	108.6	206.7	138.0	153.2	93.7	393.7	215.6	327.0	153.6	351.5	314.9	129.1	115.1	24.9	48.4	73.0	35.3

HIGASHIYAMA

1972

unit: mm/day

annual precipitation: 2204.8

annual runoff: 1391.4

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	13.7	1.4	0.0	1.8	1.5	10.1	23.7	4.6	0.0	2.1	0.8	3.5	0.0	4.5	0.0	1.3	0.0	1.9	0.0	1.2	1.0	1.0
2	3.0	1.5	2.7	1.4	0.0	1.7	0.0	6.6	2.6	4.6	0.0	1.9	0.0	3.2	0.0	4.1	0.0	1.3	0.0	1.8	0.0	1.1	5.2	1.1
3	0.0	1.2	0.0	1.2	0.0	1.6	0.0	5.4	0.0	3.8	0.0	1.8	0.0	3.0	0.2	3.8	0.0	1.2	0.0	1.7	2.5	1.1	0.0	1.5
4	0.0	1.2	4.2	1.1	0.0	1.5	0.0	4.7	0.0	3.4	7.9	1.8	8.5	3.2	0.0	3.4	0.0	1.2	4.7	1.6	11.1	1.6	0.0	1.3
5	8.7	1.2	22.2	2.8	0.0	1.5	2.5	4.3	48.0	6.4	44.8	6.1	0.0	2.9	0.0	3.3	0.0	1.2	19.7	3.1	0.0	1.3	0.0	1.3
6	3.0	1.7	0.0	1.9	0.0	1.5	5.7	4.3	0.0	8.5	0.0	4.3	0.2	2.7	0.0	3.0	0.0	1.1	0.0	2.0	0.0	1.1	0.0	1.2
7	0.0	1.3	16.7	2.4	0.0	1.4	16.1	4.2	0.0	5.5	0.0	3.1	15.2	3.3	0.0	2.9	0.0	1.1	0.0	2.0	11.3	1.7	0.9	1.1
8	0.0	1.2	0.0	2.3	0.0	1.3	11.8	6.3	0.0	4.6	37.2	4.4	0.0	2.8	0.0	2.6	0.0	1.1	0.0	1.7	0.0	1.3	10.9	1.5
9	0.0	1.2	0.0	1.9	0.8	1.3	23.3	7.8	6.4	4.3	58.2	29.2	0.0	2.5	0.0	2.4	39.8	2.6	0.0	1.5	0.0	1.2	0.0	1.4
10	0.0	1.1	11.4	1.8	0.0	1.3	0.2	6.1	10.3	5.0	0.0	9.5	40.8	5.4	18.8	2.6	88.7	19.3	0.0	1.5	6.8	1.2	0.1	1.2
11	5.7	1.2	12.2	2.8	0.0	1.3	0.0	5.1	0.0	3.9	0.0	6.2	84.4	16.5	14.9	4.5	0.0	6.3	8.0	1.4	23.7	3.3	0.0	1.1
12	13.1	1.6	0.0	2.4	0.0	1.2	27.0	6.9	0.0	3.5	11.8	5.5	19.2	25.6	24.6	6.2	0.0	3.9	2.3	1.8	0.0	1.8	0.8	1.1
13	0.0	1.5	0.0	2.1	0.0	1.2	0.0	6.5	4.1	3.2	22.2	7.3	156.5	70.7	0.0	3.6	0.0	3.1	0.0	1.4	0.0	1.5	17.1	2.1
14	0.0	1.3	18.4	3.6	0.0	1.2	0.0	5.4	10.6	3.8	0.0	5.3	14.9	47.1	0.0	3.1	0.8	2.6	0.0	1.3	0.0	1.4	0.1	1.4
15	18.8	2.0	0.0	2.9	0.0	1.2	3.9	4.8	0.8	3.5	0.0	4.5	32.7	22.2	0.0	2.8	15.8	2.8	0.0	1.2	10.1	1.3	0.5	1.3
16	1.4	2.2	0.0	2.5	0.0	1.1	61.0	16.2	1.7	3.2	0.5	4.1	48.4	23.7	0.0	2.5	20.8	4.2	0.3	1.2	10.1	2.3	0.0	1.2
17	0.0	1.6	6.5	2.4	18.8	1.6	0.0	11.3	0.0	3.0	0.0	3.8	12.0	19.6	0.0	2.1	59.7	17.3	0.0	1.2	0.8	1.8	0.0	1.2
18	0.0	1.5	0.0	2.3	0.4	1.6	0.0	8.1	0.0	2.7	35.7	6.3	4.1	14.5	0.0	1.9	0.0	8.6	0.0	1.2	0.0	1.5	2.2	1.1
19	0.0	1.4	0.0	2.0	0.0	1.3	0.0	6.5	0.0	2.5	0.0	5.5	0.0	11.8	0.0	1.8	1.9	5.8	0.0	1.1	0.0	1.4	0.0	1.2
20	0.3	1.3	0.0	1.9	27.0	2.5	2.2	5.7	20.5	3.4	40.8	10.2	0.0	10.3	0.0	1.8	0.0	4.4	4.2	1.3	0.0	1.3	0.0	1.1
21	0.9	1.3	0.0	1.7	16.0	4.6	25.9	8.1	8.5	3.5	0.0	8.3	0.0	8.7	21.5	2.7	0.0	3.8	0.0	1.2	6.4	1.3	0.0	1.0
22	0.3	1.2	0.0	1.7	0.0	3.0	0.0	6.0	0.0	2.8	0.0	6.0	0.0	8.1	16.9	2.9	0.0	3.5	24.8	1.3	1.0	1.4	0.0	1.0
23	0.0	1.2	0.0	1.6	0.0	2.4	0.0	5.2	0.0	2.5	0.0	5.1	0.0	6.7	7.4	2.8	0.0	3.4	7.6	3.2	0.0	1.2	0.0	1.0
24	0.0	1.1	0.0	1.6	57.8	6.6	0.6	4.8	0.0	2.4	0.0	4.5	71.5	15.6	0.0	2.2	0.0	3.2	0.0	1.5	1.7	1.2	30.9	1.9
25	4.5	1.2	0.0	1.5	1.5	11.5	0.0	4.3	0.0	2.2	0.0	4.0	15.7	14.9	0.0	1.9	0.0	2.6	0.0	1.3	0.0	1.2	1.3	2.3
26	1.5	1.2	0.0	1.5	14.9	6.6	5.5	4.2	0.0	2.2	0.0	3.7	0.0	9.6	0.0	1.8	0.0	2.3	0.0	1.2	1.6	1.1	0.0	1.6
27	0.0	1.1	30.7	2.7	2.2	6.0	15.6	5.1	11.3	2.3	18.2	3.9	0.9	8.3	8.4	2.1	0.0	2.2	8.5	1.3	0.0	1.1	0.0	1.4
28	0.0	1.0	0.0	2.6	0.0	4.5	0.0	4.3	4.0	2.8	22.2	6.5	5.3	7.2	0.0	1.7	0.0	2.0	0.5	1.5	0.1	1.1	2.5	1.4
29	0.0	1.0	0.0	2.1	0.0	3.9	0.0	3.8	0.4	2.3	0.0	4.6	0.0	6.3	0.0	1.6	9.7	2.2	0.0	1.2	0.0	1.0	0.4	1.3
30	3.8	1.0			22.2	4.2	0.0	3.5	5.0	2.1	0.0	3.9	0.0	5.5	0.7	1.5	0.2	2.5	0.0	1.2	0.0	1.0	2.7	1.3
31	0.0	1.0			38.9	12.8			6.1	2.7			0.0	5.0	0.0	1.4			8.0	1.3			0.0	1.2
total	65.0	41.0	138.7	60.1	200.5	95.2	202.8	185.6	164.0	111.2	299.5	173.4	531.1	390.4	113.4	85.5	237.4	118.1	88.6	48.1	87.2	42.0	76.6	40.8

HIGASHIYAMA

1973

unit: mm/day

annual precipitation: 1391.4

annual runoff: 711.8

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	1.2	0.0	2.0	0.0	1.7	0.7	1.0	0.0	2.3	0.0	1.8	0.0	3.5	4.5	1.2	0.0	0.7	27.5	3.1	0.0	3.8	0.0	1.2
2	14.5	1.7	0.0	1.9	0.0	1.7	0.4	0.9	3.3	2.2	0.0	1.6	12.7	3.7	1.8	1.3	0.0	0.6	0.0	1.9	0.2	3.3	0.0	1.2
3	0.1	1.5	0.0	1.8	0.0	1.6	0.0	0.9	45.8	8.5	1.2	1.5	0.0	3.1	1.1	1.1	30.8	2.8	0.0	1.4	0.0	3.0	0.0	1.3
4	0.0	1.3	0.0	1.8	0.0	1.5	7.3	0.9	0.0	4.3	0.0	1.5	1.3	2.7	4.5	1.2	4.0	1.3	0.0	1.3	0.0	2.8	0.6	1.2
5	0.0	1.2	0.0	1.7	0.0	1.5	4.2	1.3	0.0	3.5	0.0	1.4	0.0	2.3	6.4	1.1	26.5	2.0	0.0	1.2	0.0	2.6	0.3	1.1
6	0.0	1.2	1.7	1.7	0.0	1.5	0.0	0.9	0.0	3.0	1.2	1.4	0.0	2.1	0.0	1.0	35.1	4.2	0.1	1.1	0.0	2.4	0.0	1.1
7	5.1	1.2	1.5	1.7	0.0	1.4	0.0	0.9	0.0	2.7	4.5	1.5	0.0	1.9	8.7	1.4	8.6	6.3	11.7	1.3	0.0	2.3	0.0	1.1
8	35.8	4.6	0.0	1.5	0.0	1.4	0.0	0.9	8.6	2.6	12.7	2.1	0.0	1.7	0.0	1.0	4.0	3.0	3.5	1.6	0.0	2.1	0.1	1.0
9	0.0	3.0	0.0	1.5	0.0	1.4	0.0	0.9	36.5	6.9	0.0	1.5	0.0	1.5	0.0	0.9	0.0	2.1	0.0	1.2	0.0	2.0	0.0	1.0
10	0.0	2.4	0.0	1.5	0.0	1.3	13.3	0.9	0.0	4.3	0.0	1.4	0.0	1.4	0.0	1.5	1.4	1.7	0.0	1.2	10.8	2.1	0.0	1.0
11	0.3	2.1	0.0	1.5	0.0	1.3	23.2	3.2	0.0	3.5	0.0	1.3	0.0	1.3	0.0	0.8	6.8	1.9	0.0	1.0	9.9	3.4	0.0	1.0
12	0.0	1.8	0.0	1.4	0.1	1.3	4.2	1.8	0.0	3.0	0.5	1.2	0.0	1.2	0.0	0.6	0.0	1.5	0.0	0.9	0.0	2.3	0.0	1.0
13	0.0	1.7	0.0	1.3	1.4	1.3	2.9	1.7	0.0	2.8	3.0	1.2	0.0	1.2	0.0	0.6	0.2	1.3	2.2	0.9	0.0	2.0	0.0	0.9
14	0.0	1.6	0.5	1.3	0.0	1.2	0.0	1.4	0.0	2.6	1.2	1.3	0.0	1.1	0.0	0.6	17.0	2.0	93.7	18.9	0.0	2.1	0.0	0.9
15	0.0	1.5	0.4	1.3	0.0	1.2	0.6	1.2	0.0	2.4	0.0	1.2	0.0	1.0	1.4	0.6	0.0	1.6	0.0	6.8	0.0	1.8	0.0	0.9
16	6.1	1.7	0.0	1.3	0.0	1.1	38.0	4.1	0.0	2.2	0.0	1.1	0.0	1.0	18.3	1.3	0.0	1.3	0.0	4.0	0.0	1.7	0.0	0.9
17	0.3	1.5	0.0	1.3	0.0	1.1	20.2	3.9	3.2	2.2	0.0	1.1	0.0	0.9	1.8	0.9	0.0	1.2	9.9	3.2	0.0	1.7	0.0	0.9
18	34.7	3.3	15.6	1.7	0.0	1.1	12.8	7.0	0.3	2.2	6.1	1.2	0.0	0.9	11.6	1.3	0.0	1.1	8.4	3.9	0.0	1.6	0.0	0.9
19	3.0	3.7	6.3	1.9	0.0	1.1	0.0	3.8	17.7	3.0	27.0	1.3	0.0	0.9	0.1	0.8	21.6	2.1	0.0	2.8	0.0	1.6	0.0	0.9
20	0.0	2.7	23.0	2.6	0.0	1.1	4.3	3.0	0.0	2.3	4.5	3.5	0.0	0.8	0.7	0.8	0.4	1.6	0.0	2.4	6.0	1.5	0.0	0.9
21	0.0	2.4	0.0	2.7	2.8	1.0	0.0	2.6	0.0	2.0	2.5	1.8	0.0	0.7	0.0	0.7	0.3	1.4	9.5	2.4	0.0	1.7	0.0	0.9
22	0.0	2.2	0.5	2.0	0.0	1.2	35.2	3.7	0.0	1.8	0.0	1.5	9.5	1.0	0.0	0.6	7.6	1.7	20.6	5.8	0.4	1.5	0.5	0.9
23	4.7	2.2	20.7	3.4	0.0	1.0	0.2	4.9	0.0	1.7	20.3	3.7	6.0	1.3	0.0	0.6	8.7	2.0	0.0	3.5	0.0	1.5	1.9	0.8
24	0.0	2.0	0.3	2.7	0.0	1.0	0.0	3.4	0.0	1.7	0.2	2.0	0.0	1.0	19.3	1.2	0.0	1.5	0.0	2.6	0.0	1.4	0.0	0.8
25	33.4	4.9	3.8	2.3	0.0	1.0	1.9	2.9	0.0	1.6	0.0	1.6	0.0	0.9	31.0	1.6	0.0	1.3	1.5	2.4	0.0	1.4	0.0	0.8
26	0.0	3.9	0.0	2.1	0.0	0.9	0.0	2.5	0.0	1.6	1.1	1.4	0.0	0.9	2.3	2.8	0.0	1.2	0.0	2.1	0.0	1.3	0.0	0.8
27	0.0	3.1	0.0	2.1	0.0	1.0	29.7	4.4	0.0	1.5	27.0	2.4	0.0	0.8	0.0	1.4	0.4	1.1	0.0	2.0	0.0	1.4	0.0	0.8
28	0.0	2.7	0.0	1.9	0.8	0.9	0.0	3.6	0.0	1.4	0.8	2.7	0.0	0.8	0.1	1.1	0.0	1.0	68.5	7.1	0.5	1.3	0.0	0.8
29	0.0	2.5			1.0	1.0	0.0	2.9	46.0	4.3	2.2	2.1	5.4	0.8	0.0	0.9	0.0	0.9	10.2	13.3	0.0	1.2	0.2	0.8
30	0.4	2.3			5.2	1.1	1.2	2.6	0.1	3.1	29.5	5.3	16.0	1.6	0.0	0.8	11.6	1.0	0.0	5.9	0.0	1.2	0.0	0.8
31	0.0	2.2			1.3	1.0			0.0	2.2			10.6	1.7	0.0	0.8			0.0	4.5			0.0	0.7
total	138.4	71.3	74.3	51.9	12.6	37.9	200.3	74.1	161.5	89.4	145.5	54.6	61.5	45.7	113.6	32.5	185.0	53.4	267.3	111.7	27.8	60.0	3.6	29.3

HIGASHIYAMA

1974

unit: mm/day

annual precipitation: 2177.5

annual runoff: 1345.0

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	0.7	0.0	0.5	0.0	0.9	3.1	1.6	0.0	3.9	1.9	2.6	31.3	5.2	10.9	5.6	0.0	7.2	0.0	2.6	0.0	2.5	0.0	1.6
2	0.0	0.7	0.0	0.5	0.0	0.9	0.8	1.6	0.0	3.5	0.0	2.2	33.7	6.6	0.0	4.6	1.7	6.3	14.2	2.7	0.0	2.2	2.4	1.6
3	0.0	0.7	0.0	0.5	0.0	0.8	0.0	1.4	0.0	3.2	0.0	2.0	43.5	18.5	0.0	4.0	0.5	5.7	11.4	3.3	0.0	2.0	15.5	2.6
4	0.0	0.7	0.0	0.5	1.2	0.8	0.0	1.3	0.0	3.0	0.0	1.9	0.6	14.0	19.4	5.0	0.0	4.9	0.1	3.1	0.0	1.8	1.0	1.9
5	0.0	0.7	1.7	0.5	0.0	0.8	3.2	1.2	0.0	2.8	28.6	1.9	8.5	9.7	0.0	4.1	2.7	4.7	0.0	2.5	0.2	1.8	0.0	1.7
6	0.0	0.7	22.6	1.5	2.2	0.8	0.0	1.3	0.0	2.6	45.5	13.5	27.3	10.1	0.0	3.6	0.0	4.2	0.0	2.2	0.0	1.7	0.3	1.7
7	0.0	0.7	0.3	1.1	21.1	1.6	0.1	1.2	0.0	2.4	0.0	5.0	16.0	9.0	0.0	3.2	0.0	3.8	0.0	2.1	3.0	1.7	1.5	1.6
8	0.0	0.6	24.2	1.3	0.5	1.5	52.7	5.1	0.0	2.4	0.0	3.9	71.5	35.2	21.5	5.2	0.0	3.6	27.0	2.4	0.0	1.7	0.4	1.6
9	0.3	0.7	0.0	1.7	0.0	1.2	93.3	28.3	10.5	2.4	0.0	3.3	0.0	16.3	0.0	3.6	20.5	4.2	8.1	4.7	0.0	1.6	0.0	1.5
10	0.0	0.6	0.0	1.1	44.0	3.5	15.7	22.1	24.6	5.2	0.0	2.9	0.2	11.2	0.0	3.1	24.5	7.1	2.1	3.1	0.0	1.5	4.9	1.4
11	0.0	0.6	2.0	0.9	0.0	4.5	0.0	11.1	0.0	3.2	12.9	2.9	51.7	18.4	0.1	2.8	0.0	4.0	0.0	2.7	0.0	1.4	10.7	2.3
12	0.0	0.6	0.1	0.8	0.0	2.6	0.0	7.3	0.0	2.8	8.5	3.7	0.4	13.9	2.2	2.7	0.5	3.4	5.4	2.5	0.0	1.4	0.0	1.7
13	0.0	0.6	0.0	0.8	0.0	2.0	0.0	5.5	0.0	2.5	0.0	2.8	2.2	10.3	14.2	3.4	0.5	3.1	0.2	2.5	0.0	1.3	0.0	1.6
14	0.0	0.6	0.0	0.8	0.0	1.7	2.7	5.0	0.0	2.3	0.7	2.5	0.2	8.7	1.2	3.1	0.0	2.9	0.2	2.3	0.0	1.3	0.4	1.5
15	0.0	0.6	0.0	0.8	0.0	1.6	15.2	5.7	23.4	2.6	5.8	2.8	8.8	7.9	0.0	2.6	0.1	2.7	0.0	2.1	0.0	1.3	0.5	1.4
16	0.0	0.6	12.0	1.2	2.3	1.5	25.2	5.1	38.4	12.9	0.0	2.3	1.7	7.1	0.5	2.2	7.5	3.0	0.0	2.0	0.0	1.3	0.0	1.3
17	0.0	0.6	0.0	1.2	6.2	1.7	1.4	6.9	0.0	6.2	0.0	2.0	2.1	6.3	0.0	2.1	1.7	2.6	0.0	1.8	8.7	1.4	0.0	1.3
18	0.4	0.6	0.0	1.0	0.0	1.5	0.0	4.9	0.0	4.2	67.1	9.3	5.9	5.9	34.7	5.6	1.3	2.5	0.5	1.7	67.7	9.5	2.7	1.3
19	0.0	0.6	0.0	0.9	0.0	1.3	0.0	4.3	0.0	3.6	5.0	7.6	17.9	7.9	0.0	3.3	7.7	2.7	4.4	1.7	2.4	5.0	3.8	1.5
20	0.2	0.6	17.2	1.0	0.0	1.2	0.0	3.8	0.0	3.1	0.0	4.8	15.6	8.0	0.0	2.8	0.0	2.4	8.4	2.4	0.0	3.3	0.0	1.3
21	0.0	0.6	0.0	1.8	0.3	1.2	3.4	3.6	28.0	4.4	0.0	3.9	0.0	6.3	0.0	2.5	0.0	2.1	0.0	1.8	0.0	2.8	0.2	1.3
22	16.8	1.4	0.0	1.2	1.6	1.2	41.5	9.7	0.8	4.4	27.8	5.9	9.6	6.3	0.0	2.2	0.9	2.1	14.6	1.9	3.1	2.7	0.0	1.2
23	0.0	0.8	3.7	1.1	0.5	1.1	0.0	5.9	5.4	3.8	0.0	4.6	3.6	5.5	4.8	2.2	0.0	1.9	27.7	5.0	0.0	2.4	0.0	1.2
24	0.0	0.7	2.0	1.2	0.4	1.1	0.0	4.8	0.0	3.3	12.8	4.5	0.0	4.8	0.0	2.1	3.6	1.9	0.0	3.1	3.8	2.3	0.6	1.2
25	0.0	0.7	4.7	1.1	0.0	1.1	0.0	4.2	0.0	2.9	0.0	4.0	49.9	7.9	0.0	1.9	3.9	2.1	0.0	2.4	0.0	2.1	0.8	1.2
26	0.0	0.6	0.0	1.1	0.0	1.0	7.5	4.1	0.0	2.6	0.0	3.4	11.6	12.6	125.4	24.3	0.0	1.7	0.0	2.2	0.0	2.0	0.0	1.2
27	0.0	0.6	0.0	1.0	20.4	1.4	0.0	3.7	23.1	4.3	0.0	3.0	0.0	7.5	55.1	38.1	30.3	2.2	3.0	2.1	0.0	1.9	0.0	1.1
28	0.1	0.5	0.0	0.9	23.7	3.7	0.0	3.3	0.0	3.1	27.5	4.4	0.0	6.1	72.6	43.2	39.2	10.8	5.1	2.3	0.0	1.8	0.0	1.1
29	0.0	0.6			0.0	2.3	32.0	5.5	0.0	2.7	0.2	4.1	18.9	8.7	0.0	19.1	0.0	4.3	0.0	2.0	0.0	1.7	0.7	1.1
30	0.0	0.5			0.0	1.8	0.0	5.0	0.0	2.5	0.0	3.3	0.0	6.0	0.0	11.5	0.0	3.1	0.0	1.8	0.0	1.7	3.6	1.2
31	0.0	0.5			1.5	1.7			10.1	2.7			0.0	5.1	0.0	8.9			23.0	3.4			0.2	1.2
total	17.8	20.3	90.5	28.0	125.9	50.0	297.8	174.5	164.3	111.5	244.3	121.0	432.7	307.0	362.6	228.6	147.1	113.2	155.4	78.4	88.9	67.1	50.2	45.4

HIGASHIYAMA

1975

unit: mm/day

annual precipitation: 2088.1

annual runoff: 1270.8

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	1.1	0.0	1.2	0.0	1.2	0.3	1.4	0.0	3.3	0.0	2.4	3.8	1.9	0.0	2.1	0.0	3.4	0.0	3.4	2.8	5.0	0.0	2.3
2	0.0	1.1	0.0	1.2	0.0	1.2	0.0	1.3	0.0	2.8	5.4	2.4	0.0	1.7	0.0	1.9	0.0	3.3	0.4	3.0	0.0	4.0	0.0	2.2
3	0.0	1.0	0.6	1.1	0.0	1.2	0.0	1.3	5.6	2.6	0.0	2.1	0.0	1.6	0.0	1.9	0.0	3.0	33.0	5.3	0.0	3.5	0.0	2.2
4	0.0	1.1	6.6	1.2	0.0	1.3	0.0	1.2	11.6	3.2	0.0	2.0	140.4	17.3	0.0	1.8	0.0	2.7	10.2	6.5	0.0	3.3	0.0	2.1
5	0.0	1.0	10.4	2.0	0.0	1.3	0.0	1.2	3.4	2.9	26.2	2.7	0.6	33.5	0.0	1.7	0.0	2.5	4.2	4.8	0.0	2.9	29.5	2.7
6	0.0	1.0	0.0	1.4	22.4	2.4	20.7	2.0	0.0	2.6	2.0	3.5	32.9	14.2	0.4	1.6	8.7	3.0	38.0	12.5	0.7	2.7	11.3	5.9
7	0.0	0.9	12.2	1.3	0.0	2.4	0.0	2.0	0.0	2.4	21.3	3.8	11.9	13.3	78.3	11.0	0.0	2.4	0.0	6.9	43.8	5.5	22.2	4.7
8	10.6	1.0	19.6	4.3	0.0	1.8	16.1	1.7	0.0	2.2	0.0	3.4	33.7	16.9	5.1	5.6	0.0	2.2	39.1	8.8	0.0	6.0	0.8	4.7
9	11.6	2.2	0.0	2.4	0.0	1.7	28.4	6.3	9.9	2.4	0.0	2.7	0.0	11.3	0.0	3.5	2.1	2.2	0.2	8.9	0.0	4.2	0.9	3.8
10	0.0	1.4	0.0	2.1	36.6	2.5	0.0	3.2	7.6	2.8	0.0	2.4	16.5	9.1	0.0	3.0	0.0	1.9	0.0	6.0	0.0	3.6	0.7	3.4
11	3.5	1.2	0.0	1.8	1.4	5.8	5.0	2.7	8.8	2.7	0.2	2.2	10.3	10.0	0.0	2.6	0.0	1.8	0.0	5.1	0.0	3.3	0.0	3.1
12	4.0	1.2	0.0	1.7	0.0	3.2	0.0	2.2	0.0	2.5	0.2	2.1	14.6	8.9	0.0	2.4	0.0	1.7	5.9	4.6	0.0	3.0	0.0	2.8
13	8.1	1.1	0.3	1.6	0.0	2.6	0.8	2.0	0.0	2.2	0.0	1.9	5.5	8.5	0.0	2.2	0.0	1.6	15.2	5.8	0.0	2.8	0.0	2.7
14	0.0	1.2	0.0	1.5	0.0	2.3	1.2	2.0	0.4	2.0	0.0	1.8	8.3	7.2	0.0	1.9	0.0	1.7	0.1	4.5	7.6	2.8	0.0	2.6
15	0.0	1.1	0.0	1.5	0.0	2.1	0.0	1.8	3.0	2.1	0.0	1.8	1.6	7.0	0.0	1.8	0.0	1.5	0.0	4.0	29.0	4.1	0.0	2.4
16	4.3	1.2	0.0	1.4	0.0	2.0	0.0	1.7	9.4	1.9	0.0	1.7	0.0	5.7	0.9	1.7	0.0	1.4	0.0	3.6	23.5	8.3	0.0	2.3
17	1.4	1.6	0.0	1.3	0.0	1.9	4.0	1.7	15.5	3.1	0.0	1.6	0.3	5.0	22.5	2.4	0.0	1.3	0.0	3.4	0.0	5.5	0.7	2.2
18	0.0	1.2	0.0	1.3	0.0	1.7	6.2	2.1	3.3	3.1	3.4	1.5	0.0	4.5	23.0	4.0	0.4	1.3	12.5	3.3	0.0	4.5	0.0	2.1
19	0.0	1.1	0.0	1.3	0.0	1.7	0.0	1.7	25.0	3.0	14.3	2.4	0.0	4.0	0.0	2.6	169.2	43.1	20.5	5.7	2.6	3.9	0.0	2.1
20	3.5	1.1	0.0	1.3	1.2	1.6	0.0	1.6	22.5	8.1	0.0	1.8	0.0	3.7	0.2	2.0	0.0	10.3	0.0	4.1	14.0	4.8	0.0	2.0
21	0.0	1.1	21.2	1.2	21.4	2.7	7.1	1.7	0.0	5.3	4.2	1.8	0.0	3.4	0.0	1.8	0.0	5.2	0.0	3.6	0.0	3.8	0.0	2.0
22	3.2	1.1	1.8	1.5	0.0	2.2	54.8	9.9	0.0	4.0	21.7	2.6	7.4	3.9	23.0	2.4	0.0	3.9	0.0	3.2	0.0	3.5	0.2	1.9
23	19.0	3.0	3.7	1.3	0.0	1.8	5.7	5.2	0.0	3.4	2.6	2.6	0.0	3.2	112.3	18.6	17.3	4.2	0.0	3.0	0.0	3.3	0.0	1.8
24	0.0	1.8	0.0	1.3	0.6	1.7	4.5	4.1	0.0	3.0	0.0	2.0	0.3	3.0	51.4	49.1	47.2	9.7	2.1	2.8	0.0	3.0	0.0	1.8
25	3.7	1.6	0.0	1.3	0.0	1.6	1.1	3.6	4.1	2.8	3.0	1.9	33.0	5.9	0.0	13.2	0.0	7.1	14.5	4.1	0.0	2.9	0.0	1.7
26	0.0	1.8	0.0	1.6	0.0	1.5	0.0	3.1	2.2	2.6	20.9	2.9	0.0	3.7	0.0	8.3	0.0	4.9	0.0	3.0	0.0	2.8	0.0	1.7
27	0.0	1.5	0.0	1.4	0.0	1.5	1.0	2.8	32.9	6.2	0.2	2.3	0.0	3.1	0.0	6.3	0.0	4.0	0.0	2.8	0.5	2.7	0.0	1.7
28	0.0	1.4	2.1	1.3	0.0	1.4	2.5	2.8	0.0	3.5	5.2	1.9	7.0	3.0	0.0	5.3	0.3	3.7	0.0	2.6	10.2	3.1	0.0	1.6
29	0.3	1.4			0.0	1.4	1.4	2.6	0.0	3.0	10.2	2.8	0.0	2.7	0.0	4.6	9.3	3.6	21.1	3.4	0.0	2.6	0.0	1.5
30	0.0	1.3			5.8	1.5	20.8	3.6	0.0	2.6	0.0	2.0	0.0	2.4	0.0	4.1	9.8	4.4	15.1	5.0	0.0	2.4	0.1	1.5
31	0.0	1.2			0.2	1.4			0.0	2.5			0.0	2.2	0.0	3.7			16.3	4.7			0.0	1.5
total	73.2	41.0	78.5	43.8	89.6	60.6	181.6	80.5	165.2	96.8	141.0	69.0	328.1	221.8	317.1	175.1	264.3	143.0	248.4	148.4	134.7	113.8	66.4	77.0

HIGASHIYAMA

1976

unit: mm/day

n/a : data not available

annual precipitation: n/a

annual runoff:

1547.2

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	0.0	1.4	0.0	0.9	8.9	6.7	0.0	6.7	43.4	11.6	1.3	7.8	0.0	3.3	0.0	2.8	0.0	2.6	0.0	2.9	2.6	2.0	0.0	1.3
2	0.0	1.4	0.0	0.9	0.0	4.3	0.0	4.9	0.0	11.6	0.0	6.4	1.7	3.1	0.0	2.7	0.0	2.2	0.0	2.7	0.0	1.8	0.2	1.3
3	0.0	1.4	0.0	0.9	0.0	3.5	0.0	4.0	3.4	7.8	0.0	5.7	0.0	2.9	64.3	11.6	0.0	2.1	0.0	2.6	0.0	1.7	0.0	1.3
4	0.8	1.4	0.0	0.9	0.0	3.0	0.0	3.6	2.8	6.5	0.0	5.1	0.1	2.7	25.2	10.4	26.5	3.5	0.0	2.4	0.0	1.8	0.0	1.2
5	1.0	1.4	13.1	0.9	0.0	2.6	0.0	3.2	2.7	5.8	2.1	4.7	13.7	3.0	8.1	6.8	0.0	2.9	1.8	2.4	0.0	1.6	0.0	1.2
6	0.0	1.3	16.5	2.9	0.0	2.4	0.0	3.0	0.0	5.1	25.0	6.5	5.6	3.2	1.8	5.7	0.0	2.3	0.0	2.1	0.0	1.6	0.0	1.2
7	0.0	1.3	0.0	1.3	0.0	2.2	43.0	7.6	0.0	4.5	0.0	5.0	6.1	3.2	30.2	6.9	0.0	2.2	0.0	2.0	0.0	1.5	0.0	1.1
8	0.0	1.3	0.0	1.2	0.0	2.1	0.0	4.9	0.0	4.1	0.0	4.3	7.0	3.8	0.0	7.7	2.1	2.0	0.0	2.0	0.1	1.5	8.8	1.4
9	0.0	1.2	0.0	1.1	0.0	2.0	0.0	4.0	0.0	3.9	6.9	4.1	0.0	3.0	4.0	5.7	146.9	28.9	43.0	4.2	0.0	1.4	0.0	1.2
10	0.0	1.2	0.0	1.0	0.0	1.9	1.8	3.6	0.0	3.6	26.3	7.2	0.5	2.6	19.8	8.1	46.9	44.5	8.8	4.7	0.0	1.4	0.0	1.1
11	0.0	1.2	0.6	1.0	9.4	2.2	0.0	3.2	0.0	3.3	28.6	7.5	21.4	3.4	0.0	5.8	24.0	18.6	0.1	2.9	15.8	1.9	0.2	1.1
12	0.0	1.1	0.0	0.9	14.9	2.2	13.4	3.3	0.7	3.2	2.5	8.6	48.9	7.4	0.2	4.8	9.4	13.5	0.0	2.4	0.0	1.8	0.0	1.1
13	0.0	1.1	0.0	0.9	0.0	2.6	6.2	4.3	28.3	5.6	1.6	6.5	0.7	11.3	0.0	4.4	63.9	29.4	0.0	2.2	0.0	1.5	0.0	1.0
14	0.0	1.1	3.0	0.9	0.0	2.0	16.0	4.2	0.0	3.7	0.3	5.4	9.3	7.0	0.0	4.1	18.6	18.3	6.6	2.2	18.9	1.4	0.0	1.0
15	0.0	1.1	2.4	1.0	1.2	1.9	40.4	14.3	0.0	3.2	17.5	5.9	5.8	6.1	7.7	4.0	0.0	13.5	44.0	6.8	1.7	2.9	0.0	1.0
16	0.0	1.0	0.6	1.0	0.0	1.8	0.0	8.8	0.0	2.9	0.0	4.9	0.0	4.8	11.6	4.0	0.0	10.2	0.2	4.6	0.0	1.7	0.0	1.0
17	0.0	1.1	7.8	1.3	15.3	1.9	0.0	6.1	14.0	3.4	0.0	4.3	0.0	4.2	19.4	5.2	0.0	8.5	0.0	3.5	0.0	1.6	10.9	1.4
18	0.2	1.1	4.1	1.1	1.0	2.5	0.0	5.1	0.0	3.1	0.0	3.9	1.6	4.0	0.0	3.8	0.0	6.9	0.0	3.0	28.3	2.6	0.0	1.2
19	0.0	1.0	18.0	2.6	2.0	2.0	0.1	4.5	32.3	3.8	0.2	3.7	0.2	3.5	0.0	3.3	0.0	6.2	2.4	2.7	0.0	3.1	0.3	1.1
20	1.9	1.0	0.0	1.6	0.0	1.8	0.4	4.2	7.2	6.8	0.1	3.5	96.5	32.9	0.0	3.0	4.5	5.8	1.7	2.6	0.5	2.3	0.0	1.0
21	3.6	1.0	0.0	1.3	0.0	1.7	39.4	8.2	3.3	4.2	0.0	3.2	1.2	12.1	0.0	2.8	29.0	8.1	12.9	3.2	0.0	2.0	0.1	1.0
22	3.4	1.0	0.0	1.2	0.0	1.6	2.5	6.6	34.9	7.9	10.6	3.5	1.0	7.9	0.0	2.5	4.3	6.4	0.0	2.5	0.0	1.8	0.0	1.0
23	1.7	1.0	45.1	5.5	0.0	1.6	0.0	5.3	19.0	7.2	6.1	3.6	0.0	6.2	0.0	2.3	n/a	5.6	0.0	2.3	0.0	1.7	22.9	2.1
24	2.6	1.0	0.0	3.9	0.0	1.5	25.3	7.3	0.2	7.1	10.7	3.4	8.6	5.6	0.0	2.2	0.0	5.0	10.4	2.6	0.0	1.7	0.0	1.5
25	0.0	1.0	0.0	2.6	0.0	1.5	0.1	6.4	56.1	11.9	34.8	6.0	0.0	5.1	0.0	2.1	0.0	4.2	0.0	2.3	0.0	1.5	21.4	1.6
26	0.0	1.0	0.0	2.1	0.0	1.4	0.6	5.4	115.0	71.0	13.6	8.4	0.0	4.3	0.0	2.1	0.0	3.9	0.0	2.0	0.0	1.5	3.9	3.0
27	0.4	1.0	0.0	1.9	42.4	3.5	2.8	4.9	0.0	26.0	0.0	5.8	0.0	3.9	14.8	3.2	0.0	3.6	0.0	1.9	0.0	1.5	0.1	1.9
28	0.0	1.0	3.0	1.8	0.0	4.4	0.0	4.4	0.0	14.3	0.0	4.5	0.1	3.6	29.0	3.6	0.4	3.5	0.3	1.8	0.0	1.4	5.9	1.6
29	0.0	0.9	44.5	5.8	0.0	2.8	6.5	4.1	0.0	10.9	0.0	3.9	19.1	4.8	1.9	3.7	0.0	3.2	20.0	3.1	0.2	1.4	2.4	1.5
30	0.0	1.0			50.7	6.7	23.9	4.7	0.0	9.0	0.0	3.5	0.0	3.6	0.0	2.7	0.0	3.0	0.0	2.3	0.3	1.3	0.0	1.4
31	0.0	1.0			13.2	14.4			20.1	10.1			0.0	3.2	15.0	3.2			0.0	2.0			0.0	1.3
total	15.6	35.0	158.7	50.4	159.0	92.7	222.4	160.8	383.4	283.1	188.2	156.8	249.1	175.7	253.0	141.2	n/a	270.6	152.2	86.9	68.4	52.9	77.1	41.1

HIGASHIYAMA

1977

unit: mm/day

n/a : data not available

annual precipitation: n/a

annual runoff:

955.9

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		1.3	0.0	0.8	0.0	1.2	3.5	8.2	0.0	4.4	0.0	2.1	7.5	5.6	0.0	1.2	0.0	1.4	0.0	1.9	0.0	0.8	0.0	1.5
2	n/a	1.2	0.0	0.8	0.0	1.1	0.0	5.6	35.5	5.4	0.0	2.0	2.5	5.8	0.0	1.1	0.0	1.2	0.0	1.4	3.5	0.8	0.0	1.5
3	n/a	1.2	0.0	0.8	15.0	1.6	0.0	4.3	7.5	7.8	33.5	4.5	0.0	4.6	0.0	1.1	5.5	1.3	0.0	1.3	0.5	0.7	0.0	1.5
4	n/a	1.2	0.0	0.8	0.0	2.2	0.0	3.7	0.0	5.8	0.0	3.0	0.0	4.0	0.0	1.1	61.5	7.8	26.5	2.3	12.5	0.8	0.5	1.3
5	n/a	1.1	0.0	0.8	0.0	1.5	0.0	3.5	16.0	5.6	0.0	2.4	0.0	3.8	0.0	1.1	0.0	3.3	0.5	2.1	24.0	2.8	0.0	1.3
6	n/a	1.1	0.0	0.8	0.0	1.1	0.0	3.3	15.0	7.7	0.0	2.1	0.0	3.7	2.0	1.2	0.0	2.2	0.0	1.5	0.0	1.2	0.0	1.3
7	n/a	1.1	0.0	0.9	0.0	1.0	28.5	4.7	0.0	6.1	0.0	2.1	0.0	3.3	0.0	1.0	2.5	2.0	0.0	1.3	7.0	1.2	0.0	1.3
8	n/a	1.1	0.0	0.9	0.0	0.9	1.5	4.4	0.0	5.3	4.5	2.3	2.5	3.4	0.0	1.0	12.5	2.3	0.0	1.2	0.0	0.9	0.0	1.2
9	n/a	1.1	0.0	1.0	0.0	0.9	33.0	4.4	0.0	4.8	0.0	1.9	0.0	3.0	24.0	2.2	30.0	3.4	19.0	2.3	4.0	1.1	0.0	1.2
10	n/a	1.2	4.0	1.0	0.0	0.9	12.5	9.6	0.0	4.5	0.0	1.8	0.0	2.7	0.0	1.7	28.5	8.4	0.0	1.6	0.5	0.9	0.0	1.2
11	n/a	1.2	0.0	1.0	0.0	0.8	0.0	5.7	0.0	4.0	12.0	2.3	1.0	2.7	0.0	1.4	0.5	4.3	0.0	1.5	0.0	0.8	0.0	1.1
12	n/a	1.1	0.0	0.8	0.0	0.8	0.0	4.6	0.0	3.6	3.0	2.2	0.0	2.5	0.0	1.1	0.0	3.2	0.0	1.3	0.0	0.7	0.0	1.1
13	n/a	1.0	0.0	0.8	0.0	0.7	31.0	5.9	1.0	3.7	0.0	1.8	0.0	2.5	0.0	0.9	0.0	2.7	0.0	1.2	0.0	0.7	0.0	1.1
14	n/a	1.0	0.0	0.8	24.5	1.7	0.0	6.1	0.0	3.3	0.0	1.7	1.5	2.4	0.0	0.9	0.0	2.3	0.0	1.1	0.5	0.8	0.0	1.1
15	n/a	1.2	0.0	0.8	0.0	1.4	0.0	4.8	51.5	7.0	0.0	1.7	0.0	2.3	0.0	0.8	0.0	2.1	0.0	1.1	0.0	0.7	0.0	1.1
16	0.0	0.8	0.0	0.7	0.0	1.0	n/a	5.4	3.0	7.8	0.0	1.7	0.0	1.8	0.0	0.8	0.0	1.9	0.0	1.1	17.0	0.7	3.5	0.9
17	0.0	1.0	0.0	0.7	14.5	1.3	13.5	6.9	0.0	5.0	2.0	1.9	40.0	4.2	8.5	1.0	0.0	1.7	0.0	1.1	135.0	24.6	25.5	2.7
18	0.0	1.0	2.5	0.7	4.5	1.8	22.5	7.8	0.0	4.3	94.0	12.6	0.5	3.6	88.5	10.2	0.0	1.6	0.0	1.0	0.5	8.8	0.5	1.5
19	0.0	0.9	0.5	0.7	16.5	2.3	0.0	6.7	0.0	3.6	24.0	14.4	0.0	2.6	62.0	17.8	0.0	1.4	0.0	0.9	0.0	5.5	0.0	1.3
20	0.0	0.9	2.0	0.7	0.0	1.9	0.0	5.6	0.0	3.0	0.0	7.6	0.0	3.1	0.0	5.2	2.0	1.6	0.0	0.8	0.0	4.0	0.0	1.2
21	0.0	0.9	12.0	0.8	0.0	1.5	0.0	4.7	0.0	2.7	0.0	5.4	2.5	2.0	0.0	3.2	0.0	1.3	0.0	0.8	0.0	3.5	0.0	1.3
22	0.0	0.9	2.0	0.9	0.0	1.2	0.0	4.2	0.0	2.5	0.0	4.3	0.0	2.0	0.0	2.6	0.0	1.2	0.0	0.8	0.0	3.1	0.0	1.3
23	0.0	0.8	0.5	0.8	12.0	1.5	0.0	3.9	23.5	3.8	0.0	3.8	0.0	1.8	0.0	2.2	0.0	1.3	0.0	0.7	1.0	3.0	0.0	1.2
24	0.0	0.9	0.0	0.8	44.5	3.7	0.0	3.6	0.0	2.9	10.5	3.7	0.0	1.7	0.0	1.9	0.0	1.4	0.0	0.7	0.5	2.6	0.0	1.0
25	0.0	0.8	0.0	0.9	0.0	5.0	13.0	4.3	11.5	2.9	87.0	10.4	0.0	1.6	1.0	1.9	0.0	1.3	0.0	0.6	0.0	2.1	2.5	1.0
26	10.0	0.8	10.0	1.1	0.0	3.1	33.5	8.4	3.0	3.4	10.0	20.3	0.0	1.7	0.0	1.8	7.0	1.4	0.0	0.7	0.0	2.0	0.0	1.0
27	0.0	1.3	0.0	1.2	15.5	3.3	0.0	5.3	4.5	3.0	0.0	10.1	0.0	1.4	1.5	1.7	0.0	1.2	0.0	0.7	6.0	2.0	1.0	1.0
28	0.0	1.0	0.0	1.1	3.5	3.4	7.5	4.8	0.0	2.6	0.0	7.8	0.5	1.5	0.0	1.5	0.0	1.0	0.0	0.7	0.0	1.8	0.0	1.0
29	0.0	0.8			0.0	2.7	25.0	7.8	0.0	2.3	3.0	6.2	0.5	1.4	0.0	1.4	2.5	1.0	0.0	0.7	0.0	1.6	0.0	0.9
30	0.0	0.8			20.0	2.9	0.0	5.3	4.5	2.3	9.5	5.8	0.0	1.3	0.0	1.3	37.5	3.4	0.0	0.7	0.0	1.6	18.0	1.6
31	0.0	0.8			48.0	13.0			1.0	2.4			0.0	1.3	0.0	1.3			0.0	0.7			1.0	1.4
total	n/a	31.5	33.5	23.9	218.5	67.4	n/a	163.5	177.5	133.5	293.0	149.9	59.0	85.3	187.5	73.6	190.0	70.6	46.0	35.8	212.5	81.8	52.5	39.1



HIGASHIYAMA

1978

unit: mm/day

annual precipitation: 1463.0

annual runoff: 675.0

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	12.5	1.9	0.5	0.9	5.5	1.0	0.0	1.1	19.0	3.4	0.0	1.4	31.0	3.9	0.0	1.0	0.0	0.5	0.0	3.1	0.0	1.9	0.0	1.2
2	0.0	1.4	0.0	0.9	0.5	0.8	0.0	1.1	7.0	3.1	0.0	1.2	0.5	4.2	0.0	1.0	0.0	0.5	0.0	2.4	0.0	1.6	0.0	1.1
3	1.0	1.3	0.5	0.9	0.0	0.8	21.5	1.9	0.0	2.5	0.0	1.1	0.0	3.2	36.5	3.1	0.0	0.5	0.0	2.1	0.0	1.5	4.5	1.3
4	1.5	1.3	0.0	0.9	0.0	0.8	0.0	1.7	0.0	2.1	27.5	1.8	0.0	2.8	0.0	2.0	11.0	0.7	0.0	1.9	0.0	1.4	0.0	1.1
5	0.0	1.1	0.0	0.9	11.0	1.2	0.0	1.4	0.0	1.9	8.5	2.7	0.0	2.4	0.0	1.4	5.0	0.9	0.5	1.8	0.0	1.3	14.0	1.6
6	0.0	1.1	4.0	0.9	0.0	0.9	13.5	1.7	0.0	1.8	0.0	1.7	0.0	2.1	0.0	1.2	22.0	2.1	37.0	4.4	0.0	1.3	0.0	1.3
7	0.0	1.0	1.5	0.9	0.0	0.8	34.0	7.5	11.5	2.0	0.0	1.4	0.0	2.0	0.0	1.0	0.0	0.9	0.0	3.0	0.0	1.2	0.0	1.2
8	0.0	1.0	3.5	0.9	0.0	0.8	0.0	3.5	4.5	2.3	0.0	1.3	0.0	1.8	0.0	1.0	0.0	0.7	0.0	2.4	1.5	1.2	0.0	1.2
9	0.5	1.1	1.5	0.9	0.0	0.8	0.0	2.7	1.0	1.9	0.0	1.2	18.5	3.1	0.0	1.0	0.0	0.6	0.0	2.1	0.0	1.2	0.0	1.1
10	0.0	1.0	18.5	1.8	0.0	0.8	0.0	2.4	11.0	2.2	0.0	1.1	6.5	2.4	3.5	1.0	0.0	0.6	15.5	2.5	0.0	1.1	0.5	1.1
11	0.0	1.0	2.0	2.2	24.0	2.0	0.0	2.1	8.5	2.5	0.0	1.0	0.0	2.0	0.0	0.9	14.5	1.2	0.0	2.3	0.0	1.1	11.5	1.5
12	0.0	1.0	0.0	1.4	0.0	1.2	13.5	2.7	1.0	2.3	15.5	1.8	9.0	2.1	0.0	0.8	80.5	8.7	0.0	2.0	0.0	1.1	0.0	1.2
13	0.5	1.0	2.0	1.3	0.0	1.1	10.0	2.7	0.0	2.0	6.0	1.6	50.5	8.2	0.0	0.7	24.5	8.5	0.0	1.8	23.5	1.8	0.0	1.1
14	6.5	1.1	0.0	1.2	0.5	1.0	4.0	3.2	0.0	1.8	0.0	1.4	0.0	5.2	0.0	0.7	3.0	3.6	0.0	1.7	5.0	2.1	0.0	1.1
15	0.0	1.0	0.0	1.1	0.0	1.0	0.0	2.1	0.0	1.7	0.0	1.3	5.0	3.8	0.0	0.6	0.0	2.5	0.0	1.6	0.0	1.4	0.0	1.1
16	0.0	1.0	0.0	1.1	0.0	1.0	0.0	1.9	0.0	1.6	13.5	1.6	0.5	3.3	4.0	0.9	61.0	7.3	1.0	1.6	0.0	1.3	0.0	1.0
17	0.0	0.9	0.0	1.0	0.0	0.9	9.5	2.3	0.0	1.5	1.0	1.7	0.0	2.8	0.0	0.8	0.0	10.1	0.0	1.4	0.0	1.2	0.0	1.0
18	0.0	0.9	0.0	1.0	0.0	0.8	0.0	1.9	7.0	1.7	0.5	1.3	0.0	2.5	30.5	3.1	0.0	3.9	0.0	1.4	0.5	1.2	0.0	1.0
19	0.0	0.9	0.0	0.8	0.0	0.8	37.5	5.9	49.0	6.1	0.0	1.2	0.0	2.3	0.0	1.1	0.0	3.4	0.0	1.4	9.5	1.4	0.0	0.9
20	0.0	1.0	0.0	0.9	0.0	0.8	0.0	4.3	0.0	4.7	6.0	1.4	0.0	2.1	2.0	1.0	0.0	3.5	0.0	1.3	0.5	1.3	0.0	0.9
21	0.0	0.8	0.0	1.0	0.0	0.8	0.0	3.4	0.0	3.0	25.5	2.8	0.0	1.8	24.0	1.8	27.0	6.8	0.0	1.2	0.0	1.1	0.0	0.9
22	0.0	0.8	0.0	1.0	27.0	1.9	0.0	3.0	0.0	2.4	1.5	2.1	5.0	1.8	0.0	1.3	0.0	4.2	0.0	1.2	0.0	1.1	0.0	0.9
23	0.0	0.9	0.0	0.9	0.0	1.4	0.0	2.6	0.0	2.1	72.0	10.7	0.0	1.8	0.0	1.0	7.5	3.4	0.0	1.1	0.0	1.1	0.0	0.9
24	0.5	0.9	0.5	0.9	0.0	1.1	0.0	2.6	0.0	2.0	16.0	12.6	0.0	1.8	0.0	0.9	21.0	4.1	0.0	1.1	0.0	1.0	22.0	1.8
25	9.0	1.3	0.0	0.9	0.0	1.0	5.5	2.8	0.0	1.9	6.0	6.2	0.0	1.7	0.0	0.8	0.0	3.3	0.0	1.2	0.0	1.0	0.0	1.1
26	0.5	0.9	0.0	0.8	0.0	1.0	0.0	2.6	0.0	1.8	7.0	5.2	0.0	1.7	0.0	0.7	0.0	2.6	0.0	1.3	0.0	1.0	0.0	1.0
27	12.5	1.4	0.0	0.8	0.0	0.9	0.0	2.4	0.0	1.7	0.0	3.9	0.0	1.6	0.0	0.6	0.0	2.2	0.0	1.1	18.0	1.7	0.5	0.9
28	0.0	1.3	0.0	0.8	15.5	1.2	0.0	2.3	0.0	1.5	2.0	3.5	0.0	1.5	0.0	0.6	0.0	2.0	9.0	1.5	5.5	1.8	0.0	0.9
29	0.0	1.1			12.5	2.6	6.5	2.3	0.0	1.4	0.0	2.9	0.0	1.3	0.0	0.6	6.5	2.1	46.5	3.4	0.0	1.3	0.0	0.9
30	0.0	1.0			0.0	1.5	11.0	2.5	4.5	1.5	0.0	2.7	0.0	1.2	0.0	0.6	31.0	4.6	13.0	5.3	0.0	1.2	0.0	0.9
31	0.0	0.9			0.0	1.3			7.0	1.8			0.0	1.1	0.0	0.6			0.0	2.3			0.0	0.8
total	45.0	33.3	34.5	29.0	96.5	34.0	166.5	80.6	131.0	70.2	208.5	81.8	126.5	79.5	100.5	33.8	314.5	96.0	122.5	62.9	64.0	39.9	53.0	34.0

HIGASHIYAMA

1979

unit: mm/day

annual precipitation: 1908.0

annual runoff: 1085.2

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	0.0	0.8	17.5	1.7	0.0	2.1	0.0	4.6	2.5	10.8	0.0	2.0	38.5	17.2	0.0	1.5	0.0	2.8	32.0	7.1	2.0	2.0	0.0	1.6
2	0.0	0.8	0.0	1.7	0.0	1.9	10.5	4.0	0.0	7.2	0.0	1.9	36.5	20.4	0.0	1.4	2.0	2.2	0.0	5.1	0.0	1.8	0.5	1.5
3	0.0	0.8	1.5	1.3	0.0	1.8	13.0	4.3	0.0	5.6	0.0	1.8	42.5	22.2	0.0	1.4	0.0	2.1	1.0	3.6	0.0	1.8	0.0	1.5
4	0.0	0.8	0.0	1.2	0.0	1.6	0.0	3.6	0.0	4.8	0.0	1.7	0.0	9.0	15.0	2.6	0.0	1.9	2.5	3.0	0.0	1.7	0.0	1.4
5	0.0	0.8	0.0	1.1	0.0	1.5	0.0	3.1	0.0	4.3	0.0	1.7	0.0	8.3	5.5	1.9	8.0	2.3	0.0	2.6	6.0	1.9	0.0	1.3
6	0.0	0.8	23.0	1.7	0.0	1.5	8.5	3.3	0.0	3.5	0.0	1.6	0.0	6.4	0.0	1.5	0.0	1.8	0.0	2.2	13.0	2.5	2.0	1.4
7	0.5	0.8	0.0	2.2	0.0	1.4	0.0	2.9	0.0	3.2	0.0	1.5	0.0	5.4	36.5	5.6	5.5	2.2	30.0	3.1	0.0	2.0	0.0	1.3
8	0.0	0.8	0.0	1.5	0.0	1.4	0.0	2.7	62.0	8.1	16.0	2.2	0.0	4.6	14.0	3.7	12.0	2.7	13.0	5.6	0.0	1.8	0.0	1.2
9	0.0	0.7	0.0	1.4	0.0	1.3	39.5	8.5	30.5	18.7	0.5	1.8	1.5	4.1	0.0	2.4	0.0	1.8	0.0	3.5	0.0	1.7	0.0	1.2
10	0.0	0.7	0.0	1.3	0.0	1.3	0.0	5.3	0.0	8.5	0.0	1.7	0.0	3.6	0.0	2.0	0.0	1.6	0.0	2.8	2.5	1.6	0.5	1.2
11	0.0	0.7	18.5	2.0	27.0	2.8	0.0	4.3	0.0	6.3	6.5	1.8	0.0	3.5	0.0	1.8	0.0	1.5	1.5	2.6	15.5	2.2	0.0	1.1
12	0.0	0.7	0.0	1.5	0.0	1.8	0.0	3.8	4.0	5.3	2.0	1.9	1.0	3.0	0.0	1.7	0.0	1.4	0.0	2.3	0.0	1.6	0.0	1.1
13	0.0	0.7	0.0	1.3	0.5	1.6	0.0	3.7	0.0	4.6	0.0	1.6	0.0	3.0	0.0	1.7	0.0	1.4	0.0	2.2	0.0	1.5	0.0	1.1
14	0.0	0.7	0.5	1.2	0.0	1.5	11.0	4.1	20.5	5.1	4.5	1.6	7.0	3.1	0.0	1.5	0.0	1.3	0.0	2.0	0.0	1.4	0.0	1.0
15	1.0	0.7	0.5	1.2	3.0	1.6	0.0	2.9	35.5	10.1	5.0	1.9	2.0	3.1	0.0	1.3	1.0	1.3	0.0	1.9	0.0	1.4	0.0	1.0
16	0.0	0.7	0.0	1.1	0.0	1.4	0.0	2.6	1.0	9.9	0.0	1.5	0.0	2.7	0.0	1.1	0.0	1.4	0.0	1.8	0.0	1.4	0.0	1.0
17	0.0	0.7	0.0	1.0	0.0	1.3	2.0	2.5	6.0	8.7	1.0	1.5	0.0	2.5	0.0	1.1	0.0	1.3	0.0	1.7	0.0	1.4	0.0	1.0
18	3.5	0.8	9.0	1.4	2.0	1.3	0.0	2.3	9.5	9.3	0.0	1.4	44.5	5.2	0.5	1.1	0.0	1.2	0.5	1.6	10.5	1.6	0.0	1.0
19	2.5	0.9	0.0	1.1	0.0	1.2	1.0	2.2	0.0	8.0	0.0	1.3	0.0	4.3	64.5	9.8	1.5	1.2	49.0	3.4	15.0	2.8	0.0	1.0
20	0.0	0.8	0.0	1.0	0.0	1.2	13.5	2.7	0.0	6.5	0.0	1.3	0.0	2.9	1.5	3.4	0.0	1.1	62.5	28.0	0.0	1.8	13.0	1.4
21	0.0	0.7	0.0	1.0	0.0	1.2	3.5	2.7	0.0	5.7	0.0	1.2	0.0	2.7	3.0	2.8	0.0	1.0	0.0	6.4	0.0	1.6	0.0	1.2
22	0.0	0.7	2.0	1.0	0.5	1.2	0.0	2.2	0.0	4.9	1.0	1.2	0.0	2.5	31.5	6.3	0.0	1.0	0.0	4.8	3.0	1.6	11.5	1.6
23	0.0	0.7	24.0	1.6	0.0	1.2	0.0	2.1	0.0	4.6	0.0	1.1	1.0	2.3	56.0	13.7	19.5	1.6	0.0	4.0	15.0	2.1	0.0	1.3
24	0.0	0.7	49.0	10.6	0.0	1.2	0.0	2.0	0.0	3.9	0.5	0.9	0.0	2.2	0.0	5.2	0.0	1.2	2.5	3.5	0.0	2.0	0.0	1.2
25	0.0	0.7	0.0	5.0	47.5	6.9	22.0	3.2	0.0	3.4	0.0	0.8	0.0	2.1	0.5	4.7	33.0	3.9	0.0	3.1	0.0	1.6	0.0	1.1
26	2.0	0.7	0.0	3.3	0.0	2.9	0.0	2.6	0.0	2.8	2.0	0.9	0.0	1.9	0.0	3.1	13.5	2.7	0.0	2.8	5.0	1.7	0.0	1.1
27	0.0	0.7	2.5	2.8	0.0	2.5	76.0	11.5	7.5	2.9	38.5	2.5	0.0	1.8	0.0	3.4	8.0	2.3	0.0	2.6	0.0	1.6	0.0	1.0
28	0.0	0.6	0.0	2.4	0.0	2.2	0.0	13.8	0.5	2.7	64.0	11.7	0.0	1.7	26.5	5.3	16.5	2.4	0.0	2.4	2.0	1.5	0.0	1.0
29	0.0	0.6			0.0	1.9	0.0	8.4	0.0	2.4	49.0	6.8	0.0	1.8	0.0	4.1	19.0	4.4	0.5	2.3	14.5	2.1	0.0	1.0
30	30.0	1.6			9.5	2.1	36.0	9.2	0.0	2.2	48.5	25.2	0.0	1.7	1.5	4.1	16.5	5.8	0.0	2.2	0.0	1.8	0.5	0.9
31	3.0	1.5			53.5	12.3			0.0	2.1			0.0	1.5	5.0	3.8			0.0	2.1			0.0	0.9
total	42.5	24.4	148.0	55.6	143.5	67.1	236.5	131.1	179.5	186.1	239.0	86.0	174.5	156.7	261.5	105.0	156.0	60.8	195.0	122.3	104.0	53.5	28.0	36.6