

SHIRASAKA

1930

unit: mm/day

annual precipitation: 1869.5

annual runoff: 1141.8

1141.8

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	5.0	0.0	1.3	10.4	2.0	12.4	2.8	19.3	9.0	0.0	2.1	0.0	2.9	161.6	62.8	14.6	3.1	0.0	1.1	3.6	3.7	15.2	2.0
2	0.0	4.6	0.0	1.4	0.0	1.7	2.3	2.4	13.1	9.4	0.0	2.1	0.0	2.4	24.7	52.6	0.0	1.6	6.5	1.3	49.0	7.2	0.0	1.5
3	3.3	4.5	0.0	1.4	24.5	2.6	0.0	2.2	26.0	13.3	4.8	2.3	8.9	2.5	3.2	17.8	0.0	1.5	46.1	5.4	2.5	9.6	0.3	1.4
4	0.0	4.3	0.0	1.3	27.2	8.3	0.0	2.2	0.0	9.2	0.0	1.8	0.0	1.9	1.0	11.6	0.0	1.4	0.0	3.4	0.9	3.6	0.9	1.4
5	0.0	4.2	0.0	1.3	5.5	4.0	0.0	2.1	4.8	7.2	8.5	1.9	0.0	1.7	0.0	7.6	0.0	1.4	0.0	2.1	0.0	2.6	0.0	1.3
6	0.8	4.0	22.6	1.8	12.3	3.9	0.0	1.8	0.2	6.5	1.4	2.1	0.0	1.5	0.0	6.6	0.0	1.2	0.0	1.7	0.0	2.2	16.2	1.8
7	1.3	4.1	5.7	2.5	9.6	4.5	0.0	1.6	0.0	5.8	0.0	1.9	0.0	1.5	0.0	5.2	0.0	1.1	0.0	1.4	0.0	2.0	0.2	1.8
8	0.0	3.9	0.0	1.6	6.7	4.1	0.0	1.6	0.0	4.4	0.0	1.6	0.0	1.7	0.0	5.7	0.0	1.1	2.5	1.4	1.2	1.9	0.0	1.6
9	0.3	3.8	0.0	1.7	2.6	4.0	14.8	2.0	0.0	4.2	0.0	1.6	18.4	2.0	0.0	5.0	0.0	1.0	0.0	1.4	7.0	2.0	3.8	1.4
10	0.0	3.7	14.3	2.0	0.0	3.3	0.0	1.8	88.0	24.0	0.0	1.5	66.2	9.8	0.0	4.3	0.0	1.0	5.0	1.4	9.9	2.3	5.0	1.7
11	0.0	3.4	0.0	1.8	0.0	3.0	17.9	2.4	0.0	11.2	0.0	1.5	23.7	9.6	0.0	4.0	0.0	1.0	0.0	1.4	0.0	1.5	0.4	1.5
12	3.2	3.2	0.0	1.7	0.0	2.8	0.5	2.3	0.0	7.8	0.0	1.4	15.1	10.1	0.0	3.6	0.0	1.0	0.0	1.1	0.0	1.7	0.6	1.4
13	0.0	3.0	0.0	1.6	1.2	2.4	0.0	1.9	0.0	6.3	0.0	1.4	0.0	7.1	8.1	3.9	0.0	1.0	0.0	1.1	0.0	1.6	0.0	1.6
14	0.0	2.8	0.0	1.6	3.8	2.6	0.0	1.8	0.0	5.5	0.0	1.3	0.0	4.5	2.5	3.7	0.2	0.9	0.0	1.1	0.0	1.6	0.3	1.3
15	8.5	2.5	0.0	1.5	0.0	2.5	23.0	2.0	0.0	4.8	0.0	1.3	0.0	3.2	0.0	3.3	48.1	3.9	0.0	1.0	0.0	1.5	0.4	1.3
16	0.0	2.3	0.0	1.5	0.0	2.4	12.2	4.5	0.0	4.4	25.8	2.6	0.0	2.8	9.7	3.4	13.8	3.5	0.0	1.0	0.0	1.5	0.0	1.2
17	0.0	2.1	1.2	1.5	0.0	2.2	0.0	2.9	0.0	4.2	5.0	2.0	0.0	2.1	5.5	3.1	13.4	4.1	0.0	1.0	2.0	1.6	0.0	1.1
18	0.0	1.9	0.0	1.4	0.0	2.3	0.0	2.5	0.0	3.9	0.0	1.6	0.0	1.6	0.0	2.8	2.0	3.4	0.0	1.0	0.0	1.4	0.0	1.1
19	0.2	1.7	1.0	1.3	0.0	2.1	0.0	2.1	0.0	3.8	0.0	1.4	34.5	1.6	0.0	2.5	7.6	2.4	0.0	1.0	0.0	1.3	0.0	1.1
20	0.0	1.5	1.8	1.3	0.0	2.0	0.0	2.0	24.6	5.2	0.0	1.4	17.9	2.0	3.4	2.4	0.7	2.0	10.8	1.0	3.1	1.4	1.1	1.1
21	0.0	1.4	0.0	1.2	0.0	2.0	21.0	2.7	0.0	3.8	0.0	1.3	1.1	2.0	1.7	2.7	0.0	1.4	21.4	4.9	24.2	3.4	0.0	1.1
22	0.0	1.4	1.5	1.1	0.0	1.9	0.0	2.7	0.0	3.2	17.7	2.0	1.4	2.2	0.0	2.3	0.0	1.3	11.0	2.2	0.0	1.9	0.0	1.0
23	3.2	1.3	0.0	1.2	0.0	1.9	0.0	2.2	0.0	3.1	5.7	1.6	14.5	3.5	0.0	2.2	0.0	1.3	0.0	1.4	0.0	1.7	0.0	1.1
24	0.0	1.3	5.3	1.3	0.0	1.9	6.2	2.1	0.0	2.7	0.0	1.4	8.3	3.8	0.0	2.1	0.7	1.2	0.0	1.2	0.0	1.6	0.0	3.4
25	0.0	1.3	5.0	1.4	0.0	1.9	37.8	5.0	0.0	2.6	0.0	1.2	2.9	3.0	0.0	1.9	0.0	0.7	0.7	1.2	0.0	1.5	0.2	4.7
26	0.0	1.4	0.0	1.2	0.0	1.9	17.8	6.9	0.0	2.5	9.7	1.4	32.1	12.7	0.0	1.7	31.7	2.8	2.1	1.2	0.0	1.4	0.0	4.7
27	0.0	1.3	18.4	1.8	0.0	1.9	0.0	4.6	9.2	2.4	35.5	3.7	20.7	6.7	0.3	1.6	0.0	2.1	0.0	1.0	0.0	1.4	0.0	3.0
28	0.0	1.3	1.2	1.7	5.2	1.9	0.0	3.6	10.8	3.0	44.3	10.1	0.0	4.8	0.0	1.6	0.0	1.5	6.0	1.0	0.0	1.4	0.0	1.0
29	14.7	1.8			45.0	6.5	13.7	3.4	1.2	2.7	8.2	5.1	3.5	3.8	0.0	1.6	12.4	2.1	20.9	1.0	0.0	1.3	1.1	2.7
30	0.0	1.5			0.0	4.1	41.7	10.3	0.0	2.2	1.4	3.6	9.8	4.0	0.0	1.6	0.0	1.3	58.5	1.0	0.0	1.3	0.0	4.7
31	0.0	1.4			0.0	3.0			0.0	2.0			28.1	5.1	0.9	1.6			0.0				0.0	4.7
total	35.5	81.9	78.0	42.4	154.0	91.6	221.3	88.4	197.2	180.3	168.0	66.2	307.1	124.1	222.6	232.8	145.2	53.3	191.5	51.0	103.4	69.1	45.7	60.7

SHIRASAKA

1931

unit: mm/day

annual precipitation: 1626.0

annual runoff: 824.7

824.7

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	3.3	1.5	1.5	0.0	1.2	0.0	1.2	0.0	2.0	0.0	1.4	0.0	1.3	0.0	3.4	2.7	3.5	0.0	1.5	0.0	1.5	0.0	1.5
2	15.0	1.5	14.9	2.3	0.0	1.1	0.5	1.2	0.0	1.7	1.2	2.0	12.6	1.7	0.4	3.1	1.5	2.2	0.0	1.4	0.0	1.4	0.0	1.3
3	0.0	1.1	0.0	1.8	0.0	1.1	0.0	1.1	0.0	1.5	0.0	1.4	0.0	1.4	0.0	2.9	25.3	6.2	0.0	1.4	0.0	1.4	0.0	1.2
4	0.0	1.0	0.0	2.0	12.3	1.2	0.0	1.1	0.0	1.4	0.0	1.2	8.1	1.7	0.0	2.6	1.1	2.9	23.0	1.7	0.0	1.4	0.3	1.2
5	5.7	1.0	0.3	3.0	10.5	2.6	3.3	1.0	0.0	1.2	0.0	1.2	0.0	1.4	0.0	2.6	1.9	2.5	37.0	7.0	6.2	1.4	0.0	1.2
6	0.5	1.0	28.8	1.7	0.0	1.5	15.5	2.1	0.0	1.2	0.0	1.1	17.2	1.3	1.2	2.7	62.8	13.2	1.2	4.5	20.0	2.5	0.0	1.2
7	10.6	1.1	0.0	2.0	17.0	1.9	3.0	1.3	0.0	1.2	0.0	1.1	30.0	4.7	0.0	3.0	25.3	7.2	6.6	3.5	32.5	5.2	0.0	1.1
8	8.8	1.4	0.0	1.8	0.0	2.1	0.2	1.2	0.0	1.2	5.7	1.1	0.0	3.2	1.4	2.3	0.0	4.6	74.5	25.8	1.3	2.5	6.1	1.4
9	4.5	1.4	0.0	1.0	0.0	1.7	0.0	1.1	11.2	1.4	3.6	1.3	0.0	2.4	0.2	2.2	0.0	3.3	0.0	10.6	0.0	1.9	1.2	1.2
10	16.5	1.4	8.0	1.5	0.0	1.5	0.0	1.1	6.2	1.5	0.0	1.1	5.3	1.9	0.0	2.2	0.0	2.9	2.3	5.9	0.0	1.7	24.0	2.7
11	4.0	1.2	0.0	1.5	0.0	1.4	0.0	1.1	0.0	1.3	0.0	1.1	26.7	2.6	0.0	2.1	0.0	2.3	0.0	4.3	0.0	1.6	0.0	1.8
12	0.0	1.5	0.0	1.4	0.0	1.4	3.0	3.3	29.5	2.4	29.3	1.9	42.3	14.3	11.5	2.7	0.0	2.2	0.0	3.4	0.0	1.6	0.0	1.6
13	0.0	1.4	0.0	1.7	0.0	1.3	0.0	2.0	18.0	6.3	11.3	3.0	22.3	6.9	3.3	2.5	0.0	2.1	6.2	3.1	0.0	1.6	4.5	1.6
14	0.0	1.3	18.5	2.0	0.0	1.3	3.0	1.8	0.0	2.9	0.0	1.4	12.3	6.4	0.0	2.1	0.0	1.9	19.5	4.8	1.1	1.6	6.7	1.4
15	0.0	1.3	0.0	2.5	0.0	1.2	0.0	1.6	0.0	2.3	0.0	1.8	13.0	6.6	0.0	2.0	0.0	1.8	0.0	3.5	16.2	2.3	0.0	1.4
16	0.0	1.2	0.0	1.7	0.0	1.2	0.0	1.4	10.8	2.6	0.0	1.2	3.9	6.5	0.0	1.9	3.8	1.9	0.0	2.8	4.2	1.8	24.3	3.1
17	0.0	1.2	11.0	2.0	0.0	1.2	0.0	1.3	0.0	1.7	7.1	1.0	1.2	5.8	0.0	2.0	4.7	2.2	1.8	2.4	0.0	1.8	0.0	3.4
18	0.0	1.3	0.0	1.6	15.0	1.6	0.0	1.2	0.0	1.6	32.5	2.9	2.4	4.6	0.0	1.6	19.4	2.4	17.4	2.4	5.5	1.6	0.0	2.2
19	0.0	1.5	0.0	1.6	0.0	1.3	0.0	1.1	0.0	1.5	1.9	2.6	0.3	3.9	0.0	1.6	22.5	6.3	0.0	2.4	1.7	1.9	0.0	2.0
20	0.0	1.2	0.0	1.5	3.0	1.3	0.0	1.0	0.0	1.4	0.0	1.8	1.2	3.6	0.0	1.4	0.0	2.9	0.0	2.3	0.0	1.6	0.0	1.8
21	0.0	1.3	0.0	1.3	0.0	1.2	0.0	1.0	0.0	1.3	0.0	1.2	14.7	3.8	0.0	1.3	0.0	2.0	0.0	2.1	0.0	1.5	0.0	1.6
22	0.0	1.0	0.0	1.6	0.0	1.1	43.5	3.0	31.5	2.2	0.0	1.2	59.6	16.1	0.0	1.3	0.0	1.6	1.2	2.0	0.0	1.5	0.0	1.5
23	6.2	1.2	8.0	1.5	0.0	1.1	0.0	3.3	21.5	8.1	0.0	1.2	2.4	9.3	0.0	1.3	0.0	1.4	0.0	1.6	0.0	1.4	0.0	1.5
24	0.0	1.3	0.0	2.3	12.0	1.8	0.0	2.1	0.0	3.2	4.5	1.1	0.0	7.4	0.0	1.2	0.0	1.4	0.0	1.7	0.0	1.4	0.0	1.4
25	0.0	1.3	0.0	1.6	0.0	1.1	0.0	2.1	0.0	2.5	22.0	2.2	0.0	6.1	0.0	1.1	0.0	1.2	0.0	1.6	0.0	1.6	0.0	1.3
26	9.1	1.6	0.0	1.8	0.0	1.0	0.0	1.8	0.0	2.0	0.2	1.7	0.3	5.1	8.8	1.4	5.2	1.2	11.9	1.8	0.0	1.3	1.3	1.3
27	0.0	1.7	0.0	1.6	10.5	1.7	1.2	1.7	0.0	1.9	3.2	1.5	21.2	6.3	0.0	1.6	33.4	3.0	1.0	2.0	0.0	1.2	0.0	1.2
28	0.0	1.3	0.0	1.7	0.0	1.7	6.0	1.7	0.0	1.7	0.0	1.6	0.0	5.1	0.0	1.5	0.0	1.7	0.0	1.5	0.0	1.2	23.8	2.3
29	0.6	1.3			0.0	1.5	1.0	2.0	10.3	2.0	16.2	1.7	0.0	4.3	0.0	1.4	0.5	1.3	0.0	1.5	22.8	2.4	0.5	2.2
30	0.7	1.1			0.0	1.2	12.3	2.4	0.8	1.6	0.0	1.7	0.0	3.8	0.0	1.3	13.4	2.6	0.0	1.5	0.0	1.6	0.0	1.4
31	0.0	1.1			0.0	1.3			0.0	1.5			0.0	3.7	46.4	3.9			0.0	1.6			0.0	1.3
total	82.2	41.5	91.0	49.5	80.3	43.8	92.5	49.3	139.8	66.3	138.7	46.7	297.0	153.2	73.2	64.2	223.5	91.9	203.6	113.6	111.5	53.4	92.7	51.3

SHIRASAKA

1932

unit: mm/day

annual precipitation: 1957.3

annual runoff: 1014.5

1014.5

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	0.0	1.3	0.0	0.8	0.0	0.8	0.0	0.7	21.3	3.9	46.5	3.1	1.3	2.2	0.0	1.6	41.3	3.8	0.0	4.2	0.0	1.0	0.0	1.3
2	6.4	1.4	0.0	0.8	0.0	0.8	0.0	0.7	0.0	2.7	4.5	5.2	171.8	41.0	0.0	1.6	0.0	2.5	0.0	3.7	0.1	1.0	0.2	1.2
3	1.7	1.4	20.8	1.5	0.0	0.8	0.0	0.6	0.0	2.0	0.4	2.9	35.0	45.1	8.1	1.8	0.0	1.9	0.0	3.4	0.0	1.1	0.0	1.2
4	0.7	1.3	0.0	1.1	0.0	0.8	0.0	0.6	0.0	1.8	52.1	7.9	0.0	20.4	3.6	1.7	0.0	1.4	0.0	3.1	22.3	1.4	0.0	1.2
5	0.0	1.2	0.0	0.9	0.0	0.8	0.0	0.6	0.0	1.4	0.1	7.2	0.0	14.1	0.0	1.6	3.2	1.5	0.0	2.8	0.0	1.4	1.8	1.2
6	0.0	1.2	0.0	0.9	0.0	0.8	2.5	0.6	11.5	1.6	1.7	4.7	1.0	10.6	3.8	1.5	55.1	5.2	0.0	2.5	0.0	1.2	22.3	1.8
7	0.0	1.2	0.0	0.8	0.0	0.7	0.0	0.6	0.0	1.4	2.6	3.8	16.7	10.8	11.5	2.2	1.5	5.2	0.0	2.4	29.4	3.0	1.3	2.0
8	4.9	1.2	0.0	0.8	0.0	0.7	0.0	0.6	20.0	1.2	5.6	3.4	55.9	16.7	4.0	1.4	2.2	3.0	0.0	2.4	0.0	1.9	12.3	1.8
9	0.0	1.2	0.0	0.8	0.0	0.7	0.0	0.6	0.0	2.5	0.0	3.1	67.3	26.8	0.8	1.3	0.3	2.1	0.4	2.3	0.1	1.4	0.5	1.4
10	0.0	1.1	0.0	0.8	0.0	0.6	0.0	0.5	0.0	1.7	0.0	2.9	17.2	15.6	7.1	1.7	11.8	2.3	0.0	2.2	0.0	1.3	0.2	1.3
11	0.0	1.1	0.0	0.8	0.0	0.8	0.0	0.5	0.0	1.4	0.0	2.5	25.4	17.8	0.0	1.1	0.2	2.0	0.0	2.1	0.0	1.3	0.2	1.3
12	0.0	1.1	0.0	0.8	1.3	1.0	12.8	0.6	31.5	2.0	0.0	2.3	0.0	10.5	12.9	1.9	28.4	3.5	0.0	1.9	0.8	1.3	0.0	1.3
13	0.6	1.1	0.0	0.8	24.0	2.1	22.9	1.9	7.8	4.8	0.0	2.2	0.0	7.9	0.0	1.4	44.6	6.1	0.0	1.8	0.0	1.1	6.5	1.3
14	0.0	1.0	0.0	0.8	0.0	1.4	0.0	1.0	0.0	2.6	1.9	2.1	0.0	6.4	0.0	1.2	75.8	35.6	0.0	1.8	21.9	1.4	0.6	1.4
15	0.0	1.0	2.1	0.8	0.0	1.1	0.9	0.8	0.0	2.2	0.0	2.0	0.0	6.3	0.0	1.1	14.0	10.7	5.6	1.9	51.0	8.7	0.1	1.2
16	0.0	1.0	12.1	1.1	0.0	1.0	10.7	1.1	0.0	1.8	38.9	3.6	0.0	5.9	31.2	2.9	46.0	15.2	4.8	2.3	0.0	3.5	0.0	1.1
17	0.0	1.0	2.0	0.9	0.0	0.9	0.0	0.9	0.0	1.7	7.5	5.0	11.2	4.4	0.0	1.8	6.5	17.6	0.4	2.0	0.0	2.5	0.0	1.1
18	0.0	0.9	0.2	0.8	0.0	0.9	0.0	0.8	0.0	1.6	0.0	3.1	2.5	4.0	0.0	1.3	21.0	16.7	0.0	1.6	0.0	2.1	0.2	1.1
19	0.0	1.0	0.0	0.8	0.0	0.8	11.9	1.0	0.0	1.4	0.8	2.4	0.0	4.0	3.1	1.2	5.0	10.3	0.0	1.7	0.0	1.8	0.0	1.1
20	0.0	1.0	0.0	0.8	1.7	0.8	1.0	0.9	5.5	1.4	0.4	2.1	0.7	3.7	0.0	1.1	0.0	5.2	0.0	1.7	0.0	1.6	0.0	1.1
21	0.0	1.0	0.6	0.8	0.0	0.7	0.1	0.8	2.4	1.6	1.1	1.9	2.9	3.8	12.1	1.2	0.0	4.6	7.4	1.5	0.0	1.5	0.0	0.9
22	1.3	0.9	0.0	0.8	0.0	0.8	0.0	0.7	55.8	8.2	5.9	2.1	0.0	3.3	8.0	1.6	0.0	4.0	1.5	1.7	0.0	1.3	0.0	0.9
23	1.1	0.9	0.5	0.8	0.0	0.7	0.0	0.6	8.2	4.5	0.0	1.7	1.4	2.9	36.3	4.9	43.1	8.0	0.0	1.4	0.0	1.3	0.0	0.9
24	4.9	1.1	0.0	0.7	0.0	0.7	13.8	1.0	0.1	3.2	6.4	1.8	0.0	2.7	0.2	1.8	4.7	5.7	0.0	1.4	0.0	1.4	0.0	0.9
25	0.0	1.0	2.5	0.7	0.0	0.7	4.3	1.0	0.0	2.6	65.0	14.2	0.0	2.5	0.7	1.4	0.0	4.6	1.6	1.3	0.8	1.3	0.0	0.8
26	0.0	0.9	13.6	1.0	0.0	0.6	0.0	0.8	16.0	3.0	0.0	5.5	0.0	2.5	32.8	3.7	0.4	4.4	0.0	1.3	20.8	2.1	0.0	0.9
27	0.0	0.9	0.6	1.0	0.0	0.6	0.0	0.8	0.0	2.4	0.0	3.7	0.0	2.1	0.0	1.9	0.0	3.9	0.0	1.2	1.3	2.1	0.0	1.2
28	0.0	0.9	0.0	0.9	13.5	0.8	21.0	1.0	0.0	2.1	0.0	3.0	0.0	2.0	0.0	1.6	14.5	4.5	0.0	1.2	1.4	1.8	5.0	1.3
29	0.0	0.8	0.0	0.8	1.8	1.0	41.7	9.5	0.0	2.0	0.0	2.6	0.0	1.9	0.0	1.1	16.8	5.0	0.9	1.1	0.6	1.4	6.2	1.1
30	0.0	0.8			1.2	0.8	0.8	3.0	0.0	1.7	1.1	2.5	0.0	1.7	0.0	1.0	1.0	4.8	0.0	1.1	0.0	1.2	13.5	1.6
31	0.0	0.8			0.0	0.8			0.0	1.6			0.0	1.6	2.1	0.9			0.0	1.0			0.2	1.6
total	21.6	32.7	55.0	25.1	43.5	26.5	144.4	34.8	180.1	74.0	242.5	110.5	410.3	301.2	178.3	52.5	437.4	201.3	22.6	62.0	150.5	55.4	71.1	38.5

SHIRASAKA

1933

unit: mm/day

annual precipitation: 1693.2

annual runoff: 697.4

697.4

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	1.2	0.0	0.8	0.0	0.6	15.0	3.9	3.3	4.0	0.0	1.6	0.8	0.7	0.6	2.5	0.0	1.2	0.0	0.7	0.0	1.6	9.0	1.6
2	0.0	1.1	0.0	0.8	0.0	0.6	0.0	2.7	0.0	3.7	6.7	1.7	0.2	0.7	0.0	1.7	0.0	1.1	0.0	0.6	10.7	1.9	0.0	1.1
3	0.0	1.1	0.0	0.7	0.0	0.6	0.0	2.2	52.8	7.3	0.0	1.6	0.0	0.7	24.0	2.2	0.0	1.0	0.0	0.6	0.0	1.8	0.0	1.2
4	0.0	1.0	0.0	0.8	0.0	0.6	1.9	2.0	15.7	11.7	0.0	1.3	0.9	0.7	5.4	2.2	0.0	1.0	0.0	0.6	0.0	1.7	0.2	1.2
5	0.0	1.0	0.0	0.7	6.8	0.6	8.9	2.2	0.0	6.0	0.0	1.3	21.8	1.3	2.1	2.0	3.1	1.1	0.0	0.5	0.0	1.6	0.0	1.0
6	11.5	1.2	0.0	0.7	0.0	0.6	0.0	1.8	0.0	5.2	0.0	1.2	0.0	1.2	0.0	1.5	0.0	0.8	0.0	0.5	22.2	2.1	0.0	1.0
7	3.0	1.6	5.2	0.7	0.0	0.6	0.0	1.9	0.0	4.3	3.6	1.1	0.2	0.8	0.4	1.2	0.0	0.6	66.4	5.6	8.8	3.5	0.0	0.9
8	0.0	1.1	0.7	0.8	0.0	0.5	8.2	1.5	0.0	4.4	0.0	1.1	0.0	0.7	37.0	1.3	0.0	0.6	12.8	4.4	0.0	2.4	0.0	0.9
9	3.9	1.2	0.0	0.8	0.0	0.5	36.8	4.3	0.0	3.8	0.0	1.0	0.0	0.6	0.3	1.2	0.0	0.6	37.5	7.3	0.0	2.1	14.5	1.1
10	0.0	1.0	0.0	0.7	0.0	0.5	42.3	15.7	0.0	3.4	0.0	1.0	4.0	0.7	0.0	0.9	0.0	0.5	0.0	4.0	1.4	1.9	0.0	1.3
11	7.1	1.2	0.0	0.7	16.5	0.6	2.7	7.7	0.0	3.1	0.0	0.9	12.6	1.2	0.0	0.9	0.0	0.5	0.0	2.0	0.0	1.8	0.0	1.2
12	1.7	1.2	0.0	0.7	0.0	0.7	0.0	5.3	0.0	2.7	0.0	0.8	0.0	0.7	0.0	0.8	0.0	0.5	5.5	1.9	0.0	1.7	0.0	1.1
13	0.0	1.1	0.0	0.7	0.0	0.6	0.0	3.9	0.0	2.3	0.3	0.8	0.0	0.6	0.0	0.8	0.0	0.6	0.3	1.7	0.0	1.6	0.0	1.0
14	0.0	1.1	0.0	0.7	0.0	0.5	0.0	3.5	0.0	2.1	8.2	1.1	0.0	0.6	17.9	1.1	4.7	0.7	10.5	1.9	0.0	1.6	0.0	0.9
15	0.0	1.1	0.0	0.7	0.0	0.5	33.5	4.7	0.0	2.0	21.0	1.9	0.0	0.6	19.9	2.1	21.8	1.8	0.0	1.4	0.0	1.6	0.0	0.9
16	0.0	1.0	0.0	0.5	27.5	0.8	6.8	6.8	4.4	2.2	0.0	1.2	10.1	0.8	0.9	1.3	0.0	0.9	36.1	3.3	18.2	1.8	0.0	0.9
17	2.3	0.9	8.5	0.6	12.5	3.3	0.0	4.6	27.2	3.2	0.4	1.2	8.4	1.1	45.7	7.7	0.0	0.6	0.0	3.8	0.8	2.0	10.8	1.3
18	10.1	1.6	4.2	0.9	0.0	1.5	0.0	3.8	17.7	4.8	0.0	1.1	0.0	0.7	1.5	2.3	0.0	0.6	0.0	2.2	0.0	1.4	0.2	1.0
19	0.0	1.2	0.8	0.6	0.0	1.3	0.0	3.2	7.2	3.4	0.0	1.0	0.0	0.6	0.3	1.7	3.2	0.7	1.9	2.0	4.9	1.6	0.0	0.9
20	0.0	1.0	0.0	0.6	0.0	1.0	1.9	3.1	5.5	3.5	0.0	0.9	0.0	0.6	0.0	1.4	38.4	2.0	83.8	14.6	0.0	1.6	0.0	0.9
21	0.0	1.0	0.0	0.5	0.2	0.9	1.9	2.9	4.7	3.2	2.2	0.9	0.0	0.5	2.5	1.2	4.4	1.8	2.4	10.4	0.0	1.4	0.0	0.9
22	0.0	1.0	0.0	0.6	0.0	0.7	0.0	2.6	18.6	4.6	4.7	1.0	0.0	0.4	0.0	1.2	0.4	1.2	0.0	4.8	0.0	1.3	0.0	0.9
23	0.0	1.0	0.0	0.5	39.6	2.7	0.0	2.2	0.0	3.9	19.5	1.9	0.0	0.4	0.0	1.1	0.0	0.9	0.0	3.9	0.0	1.3	0.0	0.8
24	0.0	0.9	6.3	0.5	0.0	3.0	0.0	2.0	0.0	2.9	2.1	1.3	0.0	0.3	0.0	0.9	0.4	0.7	0.3	3.5	0.0	1.2	2.0	0.9
25	0.0	1.0	6.8	1.0	1.6	1.8	0.0	1.8	0.0	2.7	0.0	0.9	4.3	0.5	47.8	8.8	0.0	0.7	0.0	2.3	0.0	1.2	0.4	0.9
26	0.0	0.9	1.9	0.7	18.3	2.0	111.7	20.3	0.0	2.4	0.0	0.8	1.1	0.5	0.0	2.7	0.0	0.6	0.0	2.2	0.0	1.0	1.1	0.9
27	0.4	0.8	0.0	0.6	6.1	2.0	1.1	16.9	0.0	1.9	0.0	0.8	75.0	6.8	0.0	2.0	0.0	0.5	0.0	2.1	17.4	1.8	0.0	0.8
28	1.3	0.9	0.0	0.6	26.5	5.4	0.0	7.0	0.0	1.8	0.0	0.8	13.2	3.7	0.0	1.6	27.4	1.6	0.0	2.0	0.0	1.7	0.0	0.8
29	0.0	0.9			0.0	3.0	0.0	4.8	5.9	1.7	3.7	0.9	17.7	3.7	0.3	1.2	0.0	0.9	0.0	1.9	0.0	1.2	13.0	1.2
30	0.0	0.8			0.0	2.3	0.0	4.5	1.7	1.9	0.0	0.9	0.0	1.6	0.0	1.2	0.0	0.8	10.5	2.3	0.0	1.2	0.0	1.0
31	0.0	0.8			13.0	2.3			0.0	1.7			37.5	6.5	0.0	1.1			0.0	1.8			17.3	1.8
total	41.3	32.9	34.4	19.2	168.6	42.6	272.7	149.8	164.7	111.8	72.4	34.0	207.8	40.5	206.6	59.8	103.8	27.1	268.0	96.8	84.4	50.6	68.5	32.3

SHIRASAKA

1934

unit: mm/day

annual precipitation: 1408.4

annual runoff: 543.3

543.3

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	0.3	1.2	0.0	0.6	0.0	0.7	20.3	1.2	0.0	1.7	0.0	1.0	0.0	2.2	1.5	1.1	6.4	0.4	0.9	1.9	6.8	1.5	0.0	1.3
2	0.0	1.1	0.7	0.6	0.0	0.6	0.0	1.7	0.0	1.4	0.0	0.9	0.0	2.0	1.6	1.3	36.7	2.5	0.0	1.4	60.4	7.4	0.5	1.2
3	0.0	0.9	31.3	1.6	0.0	0.6	0.0	1.2	0.0	1.3	17.5	1.2	0.0	1.8	0.0	1.0	24.1	2.7	11.7	1.4	0.1	5.4	0.0	1.1
4	4.1	0.9	0.0	1.4	0.0	0.6	3.4	1.1	0.0	1.1	7.5	1.9	0.0	1.6	0.0	1.0	0.0	1.6	10.7	2.0	0.0	3.2	0.0	1.1
5	1.2	1.1	0.0	1.1	3.5	0.6	4.9	1.2	0.0	1.1	0.0	1.1	0.0	1.4	0.0	0.8	0.0	1.0	0.0	1.6	0.2	2.5	3.5	1.2
6	0.2	1.1	0.0	0.9	0.0	0.5	2.9	1.0	0.0	1.0	0.0	0.9	0.0	1.3	0.0	0.8	7.1	0.9	21.0	1.9	0.1	2.4	0.0	1.1
7	0.0	0.9	0.0	0.9	0.0	0.6	0.0	0.9	0.0	0.9	0.0	0.8	0.0	1.2	0.0	0.8	0.3	0.9	26.6	4.1	13.5	2.5	0.2	1.0
8	0.0	0.9	0.0	0.8	0.4	0.6	0.0	0.9	0.0	0.9	0.0	0.8	0.0	1.2	0.0	0.7	0.5	0.9	19.4	8.4	1.8	2.2	0.0	1.0
9	0.0	0.9	0.0	0.8	0.5	0.5	0.0	0.9	0.0	0.9	0.0	0.8	0.0	1.0	4.5	0.8	1.0	0.7	0.2	4.6	0.0	1.9	0.0	1.0
10	0.0	0.8	0.0	0.8	0.0	0.5	0.0	0.8	0.0	0.9	0.0	0.7	1.3	1.0	0.8	0.8	28.1	2.5	0.0	3.2	0.0	1.8	0.1	1.0
11	2.3	1.0	0.0	0.7	0.0	0.5	0.4	0.8	3.8	0.9	0.0	0.7	14.1	1.6	0.4	0.7	0.0	1.2	0.2	2.7	1.5	1.8	0.0	0.9
12	0.0	0.9	0.0	0.7	2.4	0.6	3.4	0.9	25.2	1.6	0.0	0.6	6.7	1.4	3.8	0.8	0.0	0.9	0.0	2.1	0.2	1.7	0.0	0.9
13	0.0	0.9	0.0	0.7	2.0	0.7	9.4	0.9	33.4	4.6	0.6	0.7	7.0	1.7	0.0	0.8	0.0	0.7	0.0	1.8	0.0	1.4	0.2	0.9
14	0.0	0.8	0.0	0.6	0.4	0.7	5.2	1.2	2.7	3.4	0.0	0.7	8.7	1.5	0.0	0.7	14.9	1.2	0.0	1.6	4.9	1.4	0.2	0.9
15	0.0	0.8	0.6	0.7	0.0	0.6	0.0	0.9	0.0	2.1	0.0	0.6	0.5	1.5	0.0	0.7	15.4	1.6	0.0	1.6	0.0	1.4	0.0	0.9
16	0.0	0.7	0.0	0.7	0.0	0.6	5.6	0.9	0.0	1.7	9.9	0.7	6.6	1.6	0.0	0.6	0.0	1.3	0.8	1.5	0.0	1.4	0.0	0.9
17	2.8	0.9	0.0	0.7	0.0	0.6	3.2	1.0	0.0	1.4	18.7	1.9	1.0	1.6	0.8	0.6	6.1	1.2	0.5	1.5	0.3	1.4	0.2	0.9
18	0.0	0.8	0.0	0.7	0.0	0.5	0.0	0.8	0.0	1.3	0.0	1.0	3.7	1.4	0.7	0.6	37.1	3.1	3.4	1.4	0.0	1.3	2.7	0.9
19	0.2	0.7	0.8	0.7	0.0	0.5	0.0	0.8	0.0	1.2	0.0	0.8	2.4	1.5	0.0	0.6	1.8	2.5	0.0	1.3	4.3	1.4	0.0	0.9
20	9.8	1.0	0.0	0.7	0.0	0.5	0.0	0.7	0.0	1.1	77.0	3.0	0.0	1.4	0.4	0.6	4.1	1.9	0.0	1.3	0.0	1.3	0.0	0.8
21	3.0	0.9	0.0	0.6	21.8	0.7	5.9	0.8	9.5	1.1	98.3	40.9	0.0	1.3	0.0	0.5	37.7	2.2	0.0	1.3	0.0	1.2	0.0	0.8
22	0.9	0.8	0.0	0.7	4.3	1.4	3.1	0.8	45.1	2.6	0.0	9.1	15.7	1.6	0.0	0.5	0.0	4.5	0.0	1.2	0.0	1.2	0.0	0.8
23	1.2	0.9	0.0	0.7	0.0	0.7	0.0	0.7	0.5	3.5	10.9	3.9	0.2	1.7	0.0	0.5	0.0	2.2	0.0	1.2	0.0	1.2	6.4	0.8
24	0.3	0.7	0.0	0.6	0.4	0.6	16.1	1.2	0.0	2.0	0.0	3.8	0.0	1.3	0.0	0.5	0.0	1.5	19.0	1.3	0.0	1.2	6.5	1.1
25	0.0	0.7	0.0	0.6	0.0	0.6	24.1	8.4	0.0	1.5	33.1	5.5	2.7	1.2	0.3	0.5	0.0	1.3	47.4	7.6	0.0	1.1	0.0	0.9
26	0.0	0.7	0.0	0.6	0.0	0.5	0.0	2.6	0.0	1.4	0.0	6.2	24.7	2.4	9.1	0.8	23.9	1.3	0.0	3.0	15.1	1.2	0.0	0.8
27	0.0	0.7	0.0	0.5	0.0	0.5	0.0	1.9	0.0	1.2	0.0	3.8	4.6	2.1	0.0	0.7	17.1	4.5	0.0	2.4	12.0	2.2	0.0	0.8
28	0.0	0.7	0.0	0.5	0.0	0.5	0.0	1.6	0.0	1.1	0.0	3.1	0.0	1.5	0.0	0.5	0.1	2.4	0.0	2.0	1.3	1.8	0.0	0.8
29	0.0	0.6			30.9	0.9	0.0	1.3	0.0	1.1	0.0	2.5	6.8	1.4	0.0	0.4	0.1	1.8	0.0	1.8	0.0	1.4	39.6	1.5
30	0.0	0.6			4.6	1.6	23.0	1.8	0.0	1.0	0.0	2.3	0.0	1.3	6.8	0.6	8.3	1.5	0.0	1.7	0.0	1.3	0.0	2.1
31	0.0	0.6			0.0	1.0			0.0	1.0			0.0	1.2	0.0	0.5			0.0	1.4			0.3	1.3
total	26.3	26.2	33.4	21.2	71.2	20.6	130.9	40.9	120.2	48.0	273.5	101.9	106.7	46.9	30.7	21.8	270.8	52.9	161.8	72.2	122.5	59.1	60.4	31.6

SHIRASAKA

1935

unit: mm/day

annual precipitation: 2118.3

annual runoff: 1151.2

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	21.5	2.2	0.0	1.1	0.0	1.6	5.6	1.1	0.0	2.7	0.0	1.2	44.4	15.7	0.0	1.1	31.8	9.9	7.3	6.3	0.0	2.1	0.0	1.4
2	0.0	1.6	0.0	1.1	0.2	1.6	0.2	1.0	0.2	2.3	0.0	1.1	1.4	16.2	0.0	1.0	63.2	21.1	0.2	5.7	0.0	1.6	14.7	1.9
3	0.0	1.4	0.0	1.0	0.0	1.4	0.0	1.0	0.0	2.0	0.0	1.1	2.0	7.4	0.0	0.9	19.5	24.4	0.0	5.4	0.0	1.7	0.2	1.7
4	0.5	1.4	0.0	1.0	3.1	1.4	0.0	0.9	0.0	2.0	7.5	1.1	0.0	5.6	0.0	0.9	2.6	12.8	0.0	5.1	0.0	1.6	0.0	1.5
5	0.0	1.2	0.0	1.0	1.6	1.3	96.7	8.6	0.0	1.9	3.1	1.3	1.7	4.2	0.0	0.8	18.4	12.4	0.0	4.7	4.6	1.8	0.0	1.4
6	0.0	1.0	0.0	1.0	0.0	1.3	8.3	11.9	0.0	1.9	0.0	1.1	2.8	3.4	2.1	0.9	0.4	10.4	0.0	4.2	7.3	1.9	0.8	1.4
7	0.0	1.0	0.0	0.9	0.0	1.2	0.0	4.0	3.6	1.9	0.0	1.0	33.2	7.0	2.3	1.0	26.1	12.0	0.0	3.9	0.0	1.8	0.2	1.3
8	0.0	0.9	0.0	0.9	0.0	1.2	0.0	2.9	0.0	1.8	0.8	1.0	0.0	4.4	0.0	0.8	0.0	8.5	0.0	3.5	0.0	1.6	0.3	1.4
9	0.3	0.9	0.0	0.9	0.0	1.1	0.0	2.5	0.0	1.7	0.0	0.9	0.0	3.6	0.0	0.8	0.2	7.2	0.0	3.3	0.0	1.5	0.9	1.2
10	1.7	0.9	18.8	1.0	1.0	1.1	14.9	2.4	0.0	1.6	0.0	0.9	0.0	3.1	5.9	0.8	30.8	6.9	0.0	3.2	0.0	1.4	0.0	1.2
11	0.2	0.9	18.1	3.1	0.0	1.1	11.1	3.4	0.0	1.5	0.0	0.8	0.0	2.7	79.2	7.6	19.3	15.7	10.9	3.2	1.3	1.4	3.9	1.2
12	0.2	0.9	0.0	1.6	0.0	1.0	0.8	2.7	0.0	1.5	0.0	0.8	2.6	2.5	1.0	4.4	1.7	8.4	15.3	4.3	0.0	1.3	8.3	1.3
13	0.0	0.8	0.0	1.4	0.0	1.0	0.0	2.3	0.0	1.4	0.0	0.7	2.6	2.5	0.4	2.1	0.2	7.1	0.0	3.3	0.0	1.3	2.7	1.3
14	0.0	0.8	0.0	1.3	0.0	1.0	0.0	1.9	0.0	1.4	0.0	0.7	1.2	2.6	17.2	1.9	6.0	6.4	0.0	3.0	0.0	1.3	0.0	1.3
15	61.4	3.2	0.0	1.2	0.0	0.9	30.6	2.7	21.0	1.6	0.0	0.7	0.0	2.3	44.6	11.8	6.3	6.0	0.0	2.7	0.0	1.3	0.0	1.2
16	2.8	7.0	0.0	1.2	4.0	0.9	33.0	12.5	5.5	3.6	0.0	0.7	1.3	2.1	67.5	12.9	0.0	5.6	0.0	2.5	22.3	2.0	0.9	1.2
17	8.7	2.6	0.0	1.1	7.7	1.4	2.7	6.1	0.0	1.9	0.0	0.7	3.4	2.0	0.6	13.1	2.4	4.8	6.8	2.4	0.0	1.7	0.0	1.1
18	0.0	2.2	0.0	1.1	0.0	1.0	11.5	5.5	10.5	1.7	28.3	1.6	0.5	2.0	19.0	8.4	47.7	9.8	0.0	2.5	0.0	1.4	22.4	2.2
19	6.1	2.0	0.0	1.0	3.4	1.0	0.0	4.1	20.4	3.7	0.0	1.1	0.0	1.8	0.2	5.3	0.0	9.2	0.0	2.2	0.0	1.4	0.0	1.7
20	0.8	1.8	0.0	1.0	0.2	1.0	0.0	3.5	5.1	2.3	0.0	0.8	0.0	1.7	0.0	4.0	0.0	6.5	0.0	2.1	0.0	1.3	0.0	1.5
21	0.4	1.5	0.0	1.0	0.0	0.9	0.0	3.1	0.0	2.1	1.1	0.8	2.7	1.9	0.0	3.3	20.2	5.3	0.0	1.9	0.0	1.2	0.0	1.4
22	3.2	1.5	2.1	1.0	14.0	1.3	0.0	2.8	3.2	1.8	9.1	1.1	0.6	1.8	0.0	2.9	13.8	8.9	0.0	1.8	0.0	1.2	0.0	1.3
23	1.7	1.4	41.2	4.3	0.0	1.2	0.0	2.7	0.0	1.6	0.0	0.9	0.0	1.6	0.0	2.6	66.5	21.0	0.0	1.8	1.7	1.2	0.0	1.2
24	1.6	1.4	0.0	2.1	0.0	1.0	0.0	2.4	0.0	1.5	19.8	1.2	0.0	1.4	0.0	2.4	24.7	16.0	0.0	1.6	0.0	1.2	0.0	1.2
25	0.3	1.3	0.0	1.7	15.5	1.5	0.0	2.3	0.0	1.4	19.9	3.2	0.0	1.4	20.2	3.1	33.2	24.6	0.0	1.5	36.7	1.7	0.0	1.2
26	0.0	1.2	0.4	1.6	0.0	1.2	5.5	2.3	0.0	1.4	0.0	1.4	0.0	1.3	1.7	2.9	10.9	15.5	0.0	1.5	2.5	3.8	0.0	1.1
27	0.0	1.2	17.4	2.4	0.0	1.0	0.0	2.2	0.0	1.3	0.0	1.1	0.0	1.3	1.2	2.4	0.0	11.9	34.5	2.0	0.0	1.9	2.1	1.1
28	0.2	1.2	0.1	1.9	0.0	1.0	0.8	2.0	0.0	1.3	41.8	3.8	0.0	1.3	0.0	2.0	0.0	9.6	41.3	12.7	0.0	1.7	29.0	1.8
29	0.0	1.1			0.0	1.2	14.5	2.6	2.3	1.3	19.7	3.2	0.0	1.2	137.8	19.5	0.0	8.0	0.0	3.1	8.9	1.8	4.6	2.8
30	1.3	1.0			8.5	1.1	18.8	3.6	8.3	1.6	85.4	22.3	0.0	1.1	27.0	32.3	0.0	7.1	0.0	2.3	0.0	1.6	0.0	2.0
31	0.0	1.0			0.7	1.0			0.0	1.3			0.0	1.1	9.0	9.9			0.0	2.1			0.0	1.6
total	112.9	48.5	98.1	39.9	59.9	35.9	255.0	107.0	80.1	57.0	236.5	58.3	100.4	108.2	436.9	163.8	445.9	333.0	116.3	105.8	85.3	48.7	91.0	45.1

SHIRASAKA

1936

unit: mm/day

annual precipitation: 1914.2

annual runoff: 1024.1

1024.1

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	1.5	9.5	1.0	0.0	0.9	0.0	1.3	0.0	4.9	0.7	6.4	0.0	6.1	0.0	1.9	0.0	0.8	1.8	2.0	0.0	2.2	0.0	1.4
2	0.0	1.4	0.4	1.0	0.0	0.8	0.0	1.2	0.0	4.2	0.0	4.5	17.0	4.7	0.0	1.8	5.8	0.9	6.5	1.9	0.5	2.2	0.0	1.3
3	1.3	1.4	0.0	1.0	0.0	0.9	13.1	1.5	0.0	3.8	0.0	3.7	16.7	6.4	5.5	2.1	3.4	1.0	189.2	44.7	0.0	2.0	0.0	1.3
4	0.0	1.3	0.0	0.9	0.0	0.8	11.4	2.0	0.0	3.5	21.7	5.5	0.0	5.0	1.9	2.0	2.0	0.8	7.0	43.5	0.0	1.9	0.1	1.3
5	2.5	1.3	9.3	0.9	0.0	0.8	0.2	1.5	0.0	3.2	0.0	4.0	0.0	3.9	0.0	1.8	4.4	0.9	0.0	8.7	16.2	2.6	0.0	1.2
6	1.0	1.2	0.0	0.9	0.0	0.8	0.0	1.4	0.0	3.0	0.0	3.4	4.5	3.4	0.0	1.6	0.0	0.8	0.0	5.4	0.0	2.0	0.0	1.2
7	0.0	1.2	0.0	0.9	0.0	0.8	4.5	1.4	27.1	4.8	0.0	3.0	57.9	11.7	5.4	1.6	0.0	0.8	0.0	4.1	33.0	2.4	0.0	1.2
8	0.0	1.1	1.3	0.9	0.0	0.8	0.0	1.4	0.0	3.6	0.0	2.7	0.2	7.6	0.0	1.6	0.0	0.7	0.0	3.3	7.2	6.8	0.0	1.2
9	0.0	1.1	17.2	1.8	5.9	0.8	27.6	2.4	0.9	3.1	3.9	2.7	12.2	6.2	0.0	1.4	0.0	0.6	0.0	2.8	0.0	4.0	0.0	1.2
10	0.0	1.1	0.0	1.4	1.2	0.8	3.4	3.1	0.0	2.9	1.9	2.8	94.6	40.0	10.2	1.9	0.0	0.6	0.9	2.5	0.2	3.2	0.0	1.1
11	0.0	1.0	0.0	1.2	0.0	0.8	0.0	2.2	0.0	2.6	0.0	2.5	0.3	15.0	1.9	1.5	8.8	0.9	0.0	2.3	5.3	3.1	0.0	1.1
12	0.0	1.0	0.0	1.1	0.0	0.8	13.9	2.2	0.0	2.5	0.0	2.3	0.0	9.9	0.0	1.4	13.2	1.5	0.3	2.2	0.0	2.5	15.6	1.5
13	0.2	1.0	0.0	1.0	54.2	2.9	11.0	2.5	0.0	2.3	0.0	2.2	25.8	8.8	0.0	1.2	0.0	1.0	3.3	2.0	0.0	2.2	0.0	1.5
14	0.0	1.0	0.0	1.0	21.9	13.2	18.4	4.9	0.8	2.3	0.5	2.1	0.0	8.5	10.2	1.5	0.0	0.8	0.0	1.9	0.0	1.9	0.0	1.2
15	0.0	1.0	0.0	1.0	0.2	4.3	0.0	3.4	2.7	2.3	0.0	2.0	0.0	6.5	0.0	1.2	0.0	0.7	0.0	1.8	0.0	1.9	0.9	1.1
16	1.2	0.9	0.0	0.9	0.0	3.0	0.0	2.8	0.0	2.1	1.8	1.9	2.0	5.7	0.0	1.2	0.0	0.7	0.0	1.7	0.0	1.9	0.2	1.1
17	0.0	0.9	0.0	0.9	0.0	2.4	0.0	2.3	0.0	2.0	0.0	1.8	0.0	5.2	7.5	1.3	0.3	0.7	2.7	1.6	0.0	1.8	0.0	1.1
18	2.2	0.9	6.7	1.3	5.9	2.2	0.0	2.0	8.5	2.4	0.0	1.7	0.0	5.2	3.1	1.2	0.0	0.6	0.2	1.7	0.0	1.7	20.6	1.6
19	0.5	0.9	0.0	1.5	0.0	2.0	30.8	3.4	12.5	2.1	0.0	1.7	0.0	4.0	0.0	1.2	0.0	0.6	4.0	1.5	2.7	1.7	20.4	3.6
20	3.4	0.9	0.0	1.3	0.0	1.8	2.0	4.3	8.1	2.9	3.7	1.7	0.0	3.7	0.0	1.0	5.8	0.7	16.0	2.1	0.0	1.6	0.7	2.2
21	0.9	0.9	0.0	1.1	18.8	2.0	0.0	3.1	0.0	2.2	10.6	2.1	0.0	3.2	0.0	0.9	14.4	1.0	0.8	1.9	0.0	1.6	23.9	3.1
22	1.2	0.9	0.0	1.0	3.1	2.7	42.4	5.1	0.0	1.9	0.3	1.7	0.0	2.9	0.0	0.9	6.7	1.2	0.0	1.4	0.0	1.5	5.4	3.4
23	0.1	0.9	6.7	1.0	2.3	2.2	12.3	7.8	26.1	2.8	12.7	1.9	0.4	2.6	0.2	0.9	0.2	0.8	0.0	1.4	0.0	1.4	0.0	2.4
24	0.0	0.9	10.3	1.1	0.0	2.0	0.0	5.4	1.8	2.8	0.2	1.8	44.9	6.0	5.9	1.0	0.0	0.7	0.0	1.4	0.1	1.4	0.0	2.0
25	6.4	0.9	0.6	1.1	0.0	1.8	18.5	4.7	0.0	2.2	0.0	1.6	0.0	4.0	2.2	1.0	0.0	0.6	0.0	1.3	0.0	1.4	0.0	1.8
26	11.0	1.7	1.9	1.0	0.0	1.8	45.0	18.0	1.6	1.9	0.0	1.4	0.0	3.3	0.0	0.9	0.0	0.6	24.3	1.5	0.1	1.4	0.1	1.6
27	0.4	1.2	2.1	1.0	0.0	1.5	0.0	8.2	37.4	4.2	0.0	1.4	0.0	2.7	16.9	1.4	89.6	4.1	63.9	18.4	3.1	1.5	0.1	1.6
28	0.0	1.0	0.0	1.0	0.0	1.5	15.9	7.0	13.9	6.3	30.0	2.0	0.0	2.6	0.7	1.2	62.1	25.6	0.0	3.9	1.4	1.6	0.0	1.4
29	0.0	1.0	0.0	1.0	0.0	1.4	5.7	6.2	0.0	4.4	34.1	7.4	0.0	2.4	0.0	1.0	0.0	4.3	0.4	2.8	0.0	1.4	0.0	1.4
30	0.2	1.0			0.0	1.3	2.1	5.6	0.0	3.4	35.4	8.5	0.0	2.1	0.0	0.9	0.0	2.5	22.8	3.2	0.0	1.4	0.0	1.3
31	10.5	0.9			0.0	1.3			47.4	7.1			0.0	2.0	0.0	0.9			0.0	3.0			0.5	1.3
total	43.0	33.4	66.0	31.2	113.5	61.1	278.2	118.3	188.8	99.7	157.5	88.4	276.5	201.3	71.6	41.4	216.7	57.5	344.1	177.9	69.8	64.2	88.5	49.7

SHIRASAKA

1937

unit: mm/day

annual precipitation: 1871.2

annual runoff: 963.6

963.6

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	5.2	1.4	0.0	1.0	0.3	2.0	0.0	1.9	0.0	2.4	0.0	1.3	20.5	2.2	0.0	5.7	1.1	1.1	25.9	1.9	10.4	2.0	0.2	1.9
2	0.0	1.3	41.7	2.5	17.7	2.5	0.0	1.8	13.9	2.7	0.0	1.2	19.5	5.2	0.0	4.7	0.0	1.0	26.1	5.5	1.0	1.9	4.1	1.9
3	0.0	1.2	0.9	4.0	0.0	2.7	0.0	1.7	3.4	2.6	0.0	1.2	0.0	3.8	0.0	4.2	0.0	1.0	0.1	3.8	16.4	2.0	0.0	1.8
4	0.0	1.2	0.0	2.1	29.2	4.5	0.0	1.7	0.0	2.2	0.0	1.1	0.0	2.7	0.0	3.7	0.0	0.9	0.0	2.4	1.3	2.3	0.0	1.7
5	0.0	1.1	0.0	1.8	5.3	4.2	4.1	1.8	0.0	2.0	0.0	1.1	0.0	2.0	0.0	3.3	0.0	0.9	0.0	1.9	6.6	1.9	4.4	1.7
6	6.3	1.2	0.0	1.6	0.0	3.2	0.0	1.7	0.0	1.9	11.2	1.2	13.9	2.3	0.0	3.0	0.0	0.9	5.8	1.9	41.7	9.1	3.3	1.7
7	3.7	1.3	5.5	1.6	15.9	3.4	0.0	1.6	0.0	1.8	3.4	1.6	0.5	2.2	13.4	3.0	0.0	0.8	0.0	1.6	31.0	9.9	0.0	1.7
8	0.0	1.2	2.1	1.6	0.0	3.4	0.0	1.5	0.0	1.7	24.5	1.7	4.8	2.0	23.4	5.2	0.0	0.8	12.3	1.5	5.6	5.4	0.0	1.6
9	0.0	1.1	0.0	1.4	0.0	2.8	17.4	2.0	0.0	1.6	4.2	2.8	0.0	1.7	0.0	4.0	31.9	3.7	45.8	8.3	27.1	6.9	0.3	1.6
10	0.7	1.1	0.0	1.3	0.0	2.5	0.0	1.8	0.0	1.6	0.0	1.6	2.8	1.7	0.0	3.1	5.7	1.4	0.1	4.2	4.6	6.9	0.2	1.6
11	0.0	1.1	0.0	1.2	26.8	2.8	0.0	1.6	0.0	1.5	0.0	1.4	0.0	1.5	0.0	2.7	37.8	3.1	0.1	3.1	0.0	5.1	3.2	1.6
12	3.0	1.0	19.3	2.0	58.6	21.6	0.0	1.5	0.0	1.4	0.0	1.2	1.0	1.4	0.0	2.5	9.8	3.6	1.0	2.5	0.0	4.2	0.0	1.5
13	0.0	1.1	42.6	3.8	0.0	7.4	0.0	1.4	0.0	1.4	0.0	1.2	1.9	1.4	0.0	2.3	0.0	1.8	12.8	3.0	0.0	3.7	2.1	1.4
14	0.0	1.0	28.1	14.5	0.0	5.4	0.0	1.4	0.0	1.4	0.0	1.1	26.4	2.2	0.0	2.2	0.0	1.3	11.1	2.6	0.0	3.3	0.0	1.4
15	0.0	1.0	0.0	5.7	0.0	4.6	6.2	1.5	1.4	1.4	0.0	1.1	43.2	3.7	0.0	2.1	0.0	1.2	2.0	2.8	0.0	3.1	0.0	1.4
16	0.0	1.0	0.0	4.1	0.0	4.1	14.0	2.4	0.0	1.3	0.6	1.1	94.5	33.2	0.0	1.9	29.3	2.1	32.3	3.5	0.0	2.8	0.0	1.4
17	0.0	1.0	0.0	3.3	0.0	3.6	4.1	1.8	0.0	1.3	43.9	4.2	5.8	12.6	0.0	1.9	6.4	3.1	28.6	10.0	0.0	2.6	0.0	1.3
18	0.0	1.0	0.0	2.9	0.0	3.2	0.9	1.8	0.6	1.2	1.8	2.5	5.3	8.5	0.0	1.8	0.0	1.9	2.3	6.7	10.5	2.7	0.0	1.3
19	0.0	1.0	0.0	2.6	0.0	3.0	0.0	1.6	2.1	1.3	18.9	3.5	0.0	5.8	0.0	1.7	23.8	2.4	0.0	4.6	5.0	3.2	22.9	2.0
20	13.1	1.3	0.0	2.4	0.0	2.8	0.0	1.4	0.0	1.1	0.0	2.5	0.0	4.5	0.0	1.6	2.8	3.0	0.0	3.9	0.0	2.6	0.0	1.9
21	0.0	1.2	0.0	2.1	1.1	2.8	16.3	1.6	56.8	4.7	0.0	1.9	0.0	3.9	0.2	1.6	0.0	2.1	0.0	3.2	0.0	2.3	0.0	1.6
22	9.3	1.3	0.0	2.0	0.0	2.5	21.6	4.8	1.2	3.1	0.0	1.6	0.0	3.3	4.8	1.7	0.0	1.6	0.0	2.8	22.0	3.4	0.0	1.4
23	0.7	1.2	0.9	2.0	0.0	2.4	16.4	4.1	0.0	2.0	0.8	1.5	0.0	3.0	3.5	1.7	9.7	1.8	0.1	2.6	0.0	3.0	0.0	1.4
24	0.0	1.1	4.2	2.0	6.6	2.4	7.2	4.0	5.6	1.7	0.5	1.5	0.0	2.7	0.0	1.5	0.0	1.6	0.0	2.4	0.0	2.6	2.7	1.3
25	0.0	1.0	5.7	1.9	15.3	3.0	4.5	3.4	14.0	2.6	0.0	1.3	0.0	2.5	1.7	1.5	0.0	1.4	0.0	2.2	0.0	2.4	33.5	4.1
26	3.9	1.1	6.7	2.2	2.2	2.9	27.0	6.2	0.0	1.9	0.0	1.2	2.1	2.4	0.0	1.3	0.0	1.3	1.2	2.1	0.0	2.2	0.2	2.6
27	0.2	1.0	0.0	2.0	0.3	2.5	0.0	4.9	2.7	1.7	11.6	1.3	11.6	2.9	0.0	1.2	2.0	1.2	0.1	2.0	0.0	2.2	0.1	2.0
28	0.3	1.0	9.4	2.2	0.0	2.2	0.0	3.7	6.7	2.0	30.6	2.8	1.3	2.4	0.0	1.2	1.2	1.3	0.1	1.9	0.2	2.1	0.8	1.8
29	5.1	1.1			0.0	2.1	0.0	3.0	1.9	1.7	0.3	3.5	118.6	17.3	0.0	1.2	0.0	1.1	0.0	1.8	0.0	2.0	0.8	1.7
30	1.7	1.1			0.0	2.0	0.0	2.7	0.0	1.6	0.2	2.1	8.6	16.7	0.0	1.1	6.1	1.2	0.1	1.8	0.0	1.9	0.8	1.6
31	0.0	1.0			0.0	2.0			0.0	1.4			0.0	7.5	0.0	1.0			0.5	1.7			0.8	1.6
total	53.2	34.7	167.1	77.8	179.3	116.5	139.7	72.3	110.3	58.2	152.5	53.3	382.3	165.2	47.0	75.6	167.6	50.6	208.4	100.2	183.4	105.7	80.4	53.5



SHIRASAKA

1938

unit: mm/day

annual precipitation: 2339.8

annual runoff: 1458.8

1458.8

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	1.5	0.4	1.5	0.0	1.1	0.0	2.4	0.0	1.5	16.7	2.6	0.0	17.2	8.0	2.4	9.1	2.9	0.3	1.5	0.0	7.0	0.3	1.6
2	0.0	1.4	0.0	1.3	0.0	1.2	0.0	2.2	1.3	1.4	0.3	2.1	7.9	12.0	16.6	3.3	3.1	2.4	0.0	1.5	0.0	5.1	0.0	1.5
3	0.5	1.4	0.0	1.2	13.7	1.4	0.0	2.0	102.4	13.3	0.0	1.8	39.6	13.3	48.3	6.4	18.6	3.7	1.8	1.4	0.0	4.4	0.0	1.5
4	0.5	1.3	0.0	1.2	1.6	2.0	6.2	2.1	1.5	18.2	0.0	1.6	159.0	73.7	16.0	7.0	3.2	2.9	88.5	10.6	0.0	3.9	0.0	1.5
5	0.0	1.3	1.5	1.2	0.0	1.5	0.0	2.0	0.0	6.4	0.0	1.6	79.8	79.2	1.0	4.3	9.5	2.7	13.8	13.2	0.0	3.6	0.0	1.4
6	0.0	1.2	2.0	1.3	9.2	1.7	0.0	1.8	2.8	4.7	0.4	1.5	58.9	72.5	8.3	3.5	27.8	6.7	0.0	4.6	0.0	3.3	1.5	1.4
7	0.0	1.3	0.3	1.1	5.0	1.6	0.0	1.7	25.9	6.6	0.0	1.5	0.0	27.8	0.0	3.0	3.2	4.0	0.0	3.4	0.0	3.0	0.0	1.3
8	3.7	1.2	0.0	1.2	0.0	1.6	1.9	1.7	1.7	5.2	0.0	1.4	7.6	17.7	0.2	2.5	0.0	3.4	0.0	2.9	11.8	3.4	0.0	1.3
9	0.0	1.2	0.0	1.1	0.0	1.4	0.0	1.7	9.7	5.0	25.9	2.5	0.0	14.0	9.1	2.7	0.0	3.0	0.0	2.6	0.0	3.1	0.0	1.3
10	0.0	1.1	0.3	1.0	11.0	1.5	0.0	1.6	0.0	4.2	18.4	3.5	0.0	11.3	9.9	3.0	0.0	2.6	0.0	2.4	0.1	2.8	0.0	1.3
11	0.0	1.1	0.0	1.0	3.4	1.8	26.8	2.1	0.0	3.7	8.4	2.7	0.0	9.5	0.0	2.4	30.2	6.0	0.5	2.2	0.0	2.7	0.0	1.2
12	0.0	1.2	0.4	1.0	0.0	1.6	9.2	3.1	0.0	3.3	1.0	2.2	0.0	8.1	0.0	2.2	0.0	3.2	9.8	2.3	4.4	2.6	0.0	1.2
13	0.0	1.1	0.0	1.0	0.0	1.4	0.0	2.2	1.4	3.0	8.1	2.2	1.4	7.1	0.1	2.1	0.0	2.8	44.2	6.5	4.7	2.5	0.0	1.2
14	0.0	1.1	4.4	1.0	0.0	1.4	0.0	1.9	0.0	2.8	13.9	3.1	22.7	7.7	8.8	2.9	0.0	2.5	7.0	5.9	0.0	2.6	0.0	1.2
15	0.0	1.0	6.6	1.4	0.0	1.3	20.2	2.5	0.0	2.6	14.5	4.0	25.0	14.3	0.0	2.2	0.0	2.3	0.0	4.1	0.2	2.3	0.0	1.2
16	0.0	1.1	0.0	1.1	0.0	1.2	0.0	2.4	0.0	2.4	2.1	3.3	0.0	7.5	0.0	2.0	0.0	2.1	64.1	14.1	0.4	2.3	0.0	1.2
17	0.0	1.0	18.5	1.1	0.0	1.2	0.0	1.9	5.7	2.4	70.0	15.3	0.0	6.2	0.5	1.8	0.0	2.0	0.0	9.8	7.1	2.6	8.6	1.2
18	0.0	1.1	8.7	2.3	0.0	1.1	19.2	3.0	14.5	3.4	16.3	11.3	0.0	5.4	56.0	5.9	0.0	1.9	0.0	6.4	0.0	2.2	0.0	1.3
19	3.5	1.1	7.0	1.6	0.0	1.1	0.0	2.7	10.7	3.3	0.0	6.7	0.0	4.7	16.7	6.8	0.0	1.8	0.0	5.2	0.0	2.1	0.0	1.1
20	26.4	1.7	6.0	1.5	0.0	1.1	0.0	2.3	1.1	2.9	4.3	5.0	0.0	4.2	0.0	4.9	25.4	2.4	0.0	4.4	0.2	2.1	0.0	1.1
21	10.3	3.0	0.0	1.4	0.0	1.0	0.0	2.0	0.0	2.4	3.9	4.5	0.0	3.9	1.2	3.3	1.3	2.7	25.2	4.6	0.0	2.0	0.0	1.1
22	0.0	2.1	0.0	1.4	39.5	2.2	0.0	1.8	0.0	2.2	0.0	3.9	0.0	3.6	0.0	2.7	0.0	2.0	9.6	5.6	0.0	1.9	28.6	1.9
23	0.0	1.7	0.0	1.3	0.4	3.0	6.9	1.8	25.9	2.9	0.0	3.3	0.0	3.3	0.3	2.3	18.2	2.3	2.9	4.6	0.0	1.9	0.0	1.9
24	0.0	1.5	0.0	1.2	82.4	21.9	1.8	1.9	3.3	3.5	0.0	3.0	0.0	3.0	53.6	9.8	0.2	2.5	0.2	4.1	0.0	1.8	10.7	1.7
25	0.0	1.4	0.0	1.2	4.0	8.8	1.1	1.7	0.0	2.7	37.6	4.9	0.0	2.7	0.0	4.9	2.2	2.1	0.0	3.6	0.0	1.8	0.0	1.5
26	2.2	1.4	0.2	1.1	0.0	5.2	0.0	1.6	0.0	2.3	34.5	15.3	0.0	2.6	24.7	5.0	0.0	1.8	2.1	3.4	0.3	1.6	0.0	1.4
27	0.0	1.3	0.0	1.2	0.0	4.1	0.0	1.5	0.0	2.1	0.0	7.1	10.5	3.0	4.8	5.1	0.2	1.7	0.0	3.1	0.3	1.7	0.0	1.3
28	0.3	1.2	0.0	1.1	2.1	3.5	18.5	2.3	0.0	2.0	41.0	6.5	3.7	2.9	1.6	4.1	0.6	1.7	0.0	3.0	0.2	1.6	2.5	1.2
29	0.0	1.2			6.1	3.3	0.0	1.9	0.0	1.9	80.5	28.1	0.0	2.5	0.0	3.4	0.0	1.6	1.4	2.9	0.0	1.6	0.0	1.2
30	16.8	1.2			0.0	2.9	0.0	1.6	5.1	1.9	31.1	35.9	0.0	2.3	0.0	3.0	0.0	1.5	47.6	7.1	0.4	1.6	0.0	1.1
31	0.0	1.5			0.0	2.6			4.3	2.3			4.4	2.3	0.8	2.7			21.8	9.1			0.0	1.1
total	64.2	41.9	56.3	35.0	178.4	86.7	111.8	61.4	217.3	122.5	428.9	188.4	420.5	445.5	286.5	117.6	152.8	81.2	340.8	156.1	30.1	81.1	52.2	41.4

SHIRASAKA

1939

unit: mm/day

annual precipitation: 1548.3

annual runoff: 669.7

669.7

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	1.2	1.1	0.0	0.9	0.0	0.8	1.9	1.0	3.6	1.5	2.1	1.3	0.0	2.8	2.9	1.0	0.0	0.8	0.0	1.6	0.0	2.0	0.0	1.4
2	7.1	1.3	0.0	0.9	0.0	0.9	0.4	0.9	0.0	1.3	4.0	1.5	0.0	2.1	0.3	1.0	0.0	0.8	0.0	1.4	0.0	1.8	0.0	1.4
3	0.0	1.2	0.0	0.9	0.0	0.8	26.2	1.8	15.4	2.1	0.0	1.3	0.0	1.8	0.0	1.0	0.0	0.8	0.0	1.4	0.0	1.7	0.0	1.4
4	0.0	1.1	1.1	0.8	4.1	0.9	0.0	1.4	0.0	1.6	0.0	1.2	0.0	1.5	0.0	0.8	0.9	0.8	14.8	1.7	5.3	1.7	0.0	1.3
5	18.4	1.9	20.6	0.8	0.0	0.8	0.0	1.2	0.0	1.7	0.0	1.1	3.1	1.5	3.8	1.1	0.0	0.7	0.0	1.6	30.3	3.8	0.0	1.3
6	0.0	1.5	0.5	0.9	0.0	0.8	0.0	1.1	0.5	1.3	0.0	1.1	6.1	1.6	0.7	0.9	0.0	0.6	15.9	2.2	0.0	2.5	0.0	1.3
7	0.0	1.2	3.1	0.8	14.6	1.1	0.0	1.0	0.6	1.2	0.0	1.0	0.0	1.4	21.2	2.1	0.0	0.6	0.0	1.7	0.0	2.1	0.7	1.3
8	0.0	1.2	0.0	0.8	2.3	1.1	6.4	1.1	0.0	1.2	3.2	1.1	0.0	1.2	2.3	1.4	0.0	0.6	0.0	1.6	0.0	1.9	0.0	1.2
9	0.0	1.1	2.0	0.8	0.0	0.9	0.0	1.1	0.0	1.2	27.3	2.0	0.0	1.2	23.6	2.7	1.4	0.6	0.5	1.4	0.0	1.8	0.0	1.2
10	0.0	1.1	0.0	0.8	0.0	0.8	0.0	0.9	0.0	1.0	0.0	1.8	0.0	1.1	5.3	2.3	15.5	0.8	0.0	1.4	28.4	2.7	0.2	1.2
11	0.0	1.1	0.0	0.8	18.0	1.1	0.0	0.9	0.0	1.0	0.4	1.2	100.6	22.4	15.4	2.8	27.2	2.6	0.0	1.3	0.0	3.1	2.5	1.2
12	0.0	1.0	1.2	0.8	43.4	7.1	0.0	0.9	79.5	6.8	16.0	1.8	0.0	6.5	0.0	1.9	0.0	1.0	3.2	1.2	0.0	2.3	1.6	1.2
13	0.0	1.0	0.0	0.9	0.8	3.2	21.0	1.0	71.9	35.1	0.0	1.4	0.0	3.6	0.1	1.5	0.0	0.8	7.4	1.6	0.0	2.0	0.0	1.2
14	0.0	1.0	0.0	0.9	0.0	2.1	26.3	4.7	0.0	10.0	0.0	1.2	0.0	2.8	0.0	1.2	0.0	0.7	0.0	1.2	0.0	1.8	0.0	1.1
15	0.0	1.0	0.0	0.8	0.0	1.7	0.0	2.2	0.0	6.0	0.0	1.1	18.0	3.1	0.0	1.1	0.1	0.7	0.0	1.1	0.0	1.8	0.0	1.1
16	0.0	1.0	0.0	0.8	0.0	1.6	0.0	1.7	0.0	4.4	0.0	1.0	0.0	2.3	0.0	1.0	2.1	0.7	10.2	1.4	0.1	1.6	0.0	1.1
17	0.0	1.0	0.0	0.8	0.0	1.4	0.0	1.5	0.0	3.6	0.0	0.9	0.0	2.0	0.0	0.9	22.2	1.0	47.2	3.3	0.0	1.6	0.0	1.0
18	0.9	0.9	0.6	0.8	0.8	1.3	0.0	1.3	0.0	3.1	0.0	0.9	0.0	1.8	0.0	0.9	67.8	17.0	7.3	6.0	0.0	1.5	0.0	1.0
19	18.7	1.6	0.0	0.9	1.0	1.2	0.0	1.2	0.0	2.8	0.0	0.9	1.0	1.6	0.0	0.8	0.0	3.6	0.0	2.8	0.1	1.5	0.0	1.0
20	0.0	1.3	0.0	0.8	0.0	1.1	0.0	1.1	0.0	2.5	0.0	0.8	0.0	1.5	8.3	1.0	3.7	2.2	1.0	2.2	3.7	1.5	0.0	1.0
21	0.0	1.1	15.8	1.1	0.0	1.1	14.3	1.3	0.0	2.3	2.1	0.9	9.4	1.8	0.9	0.9	30.0	3.1	0.0	1.9	2.0	1.6	0.0	1.0
22	0.0	1.0	1.0	1.4	0.0	1.1	24.5	2.4	0.0	2.0	3.8	0.8	0.1	1.5	3.1	0.9	29.2	8.6	0.0	1.6	5.2	1.5	0.0	0.9
23	0.0	1.0	0.0	1.0	17.0	1.6	0.5	3.0	0.0	1.9	8.5	1.2	0.0	1.4	67.4	5.1	17.3	6.8	0.0	1.6	33.3	4.3	0.0	1.0
24	0.0	1.0	0.0	0.9	0.0	1.2	3.0	2.0	0.8	1.8	0.0	0.9	0.2	1.3	0.0	3.3	0.0	4.8	0.0	1.5	0.0	2.6	0.0	0.9
25	0.0	1.0	0.0	0.9	1.7	1.1	0.0	1.7	2.4	2.0	14.8	0.9	0.0	1.2	1.5	1.8	0.0	3.3	7.2	1.5	0.0	2.1	0.0	0.9
26	0.0	0.9	6.4	1.0	1.8	1.1	0.0	1.5	0.0	1.7	51.0	6.7	0.6	1.1	6.4	1.6	0.0	2.6	7.8	1.5	0.0	1.8	0.0	0.9
27	0.0	0.9	0.0	0.9	0.0	1.0	21.9	2.2	0.0	1.6	0.0	2.5	1.4	1.2	0.0	1.2	0.5	2.3	51.9	7.6	0.0	1.7	0.0	0.9
28	0.0	0.9	0.0	0.9	0.0	1.0	0.0	1.9	0.0	1.5	25.5	1.8	6.3	1.3	0.0	1.1	0.0	2.0	0.0	4.3	0.0	1.7	0.0	0.9
29	0.0	0.9			1.4	1.0	0.0	1.6	0.0	1.4	36.0	6.0	4.3	1.3	0.0	1.0	6.0	1.9	0.0	3.0	0.0	1.6	0.0	0.8
30	0.0	0.9			0.0	0.9	0.0	1.4	0.0	1.4	0.3	5.7	0.0	1.1	0.0	0.9	0.3	1.8	0.0	2.5	0.0	1.5	0.0	0.8
31	0.0	0.9			0.0	0.9			0.0	1.4			0.0	1.0	0.0	0.8			0.4	2.2			0.0	0.8
total	46.3	34.1	52.3	24.8	106.9	42.7	146.4	47.0	174.7	108.4	195.0	52.0	151.1	78.0	163.2	46.0	224.2	74.6	174.8	67.3	108.4	61.1	5.0	33.7