

SHIRASAKA

1970

unit: mm/day

annual precipitation: 1983.0

annual runoff: 1174.6

1174.6

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	0.0	0.8	0.0	1.0	0.9	1.2	0.0	0.7	0.0	2.0	27.6	1.9	40.3	6.4	38.1	26.7	0.0	4.4	0.0	4.0	0.0	1.9	5.7	2.3
2	0.0	0.7	0.5	0.8	0.0	1.1	0.0	0.7	0.0	1.8	1.5	2.5	12.4	9.3	0.2	11.6	1.4	3.7	0.0	3.7	0.0	1.8	0.4	2.3
3	0.0	0.7	0.0	0.7	0.0	1.0	1.8	0.7	0.0	1.7	0.0	1.7	6.3	7.4	0.0	8.0	3.6	3.5	0.0	3.4	0.0	1.8	7.8	2.9
4	0.0	0.7	0.0	0.6	22.0	1.2	17.2	1.3	0.0	1.6	0.0	1.5	0.0	6.1	0.3	6.6	0.0	3.1	0.3	3.2	0.0	1.8	4.5	2.8
5	0.0	0.8	0.0	0.6	3.9	1.7	0.7	1.0	0.1	1.5	0.0	1.4	0.2	5.4	0.0	5.6	0.0	2.9	12.2	3.6	0.0	1.7	0.1	2.8
6	0.1	0.7	0.0	0.5	3.2	1.3	0.0	0.8	1.9	1.5	1.0	1.4	1.4	4.7	0.0	5.0	0.0	2.8	0.0	3.2	0.0	1.6	0.0	2.5
7	0.0	0.7	0.0	0.5	0.2	1.2	0.0	0.8	15.3	2.1	0.4	1.3	0.1	4.4	0.1	4.5	0.0	2.6	0.0	2.9	0.2	1.6	0.0	2.3
8	0.0	0.7	5.9	0.6	0.0	1.1	1.8	0.8	20.7	3.1	0.0	1.2	0.2	4.0	3.1	4.3	0.0	2.4	0.0	2.8	0.0	1.5	0.3	2.2
9	0.0	0.7	9.4	1.2	0.4	1.1	0.0	0.7	1.8	2.4	0.0	1.1	4.0	3.9	0.0	3.9	0.0	2.3	0.0	2.6	0.0	1.5	0.4	2.2
10	0.0	0.7	4.9	0.8	13.8	1.3	0.0	0.7	7.1	2.3	0.0	1.1	0.3	3.7	0.0	3.5	0.0	2.3	0.0	2.5	0.0	1.5	0.1	2.2
11	0.0	0.7	0.1	0.7	2.8	1.5	8.0	0.8	6.9	2.0	16.8	1.5	7.5	3.7	0.0	3.2	0.0	2.2	4.5	2.5	1.0	1.5	0.0	2.1
12	0.0	0.7	0.0	0.7	0.0	1.4	26.1	2.2	5.7	2.5	23.5	3.4	15.0	4.5	0.0	3.0	13.4	2.6	26.6	3.2	1.0	1.5	0.0	1.9
13	0.1	0.6	0.0	0.7	0.0	1.2	0.0	1.4	0.0	2.1	0.4	2.3	0.0	3.7	37.1	7.0	8.0	2.7	23.2	4.3	0.0	1.4	18.7	2.6
14	0.1	0.6	0.0	0.7	0.0	1.1	0.0	1.1	0.0	1.8	0.2	1.8	4.6	3.7	0.0	3.9	0.0	2.4	9.8	4.1	0.0	1.3	0.0	2.4
15	0.0	0.6	0.0	0.7	0.0	1.0	1.8	1.1	0.0	1.6	51.1	4.4	26.1	5.2	15.6	4.2	13.4	2.7	0.2	3.6	13.1	1.9	0.0	2.1
16	0.1	0.6	0.0	0.6	5.8	1.1	0.0	1.0	0.0	1.6	135.5	47.8	0.0	4.5	52.9	14.1	4.4	2.6	0.0	3.2	0.1	1.5	0.0	2.0
17	2.1	0.6	0.0	0.6	9.7	1.5	0.0	0.9	18.7	2.0	30.2	46.6	4.8	3.8	0.1	6.9	0.0	2.3	12.1	3.1	0.0	1.4	0.0	1.9
18	0.0	0.6	0.0	0.6	0.0	1.1	36.6	2.2	0.2	1.9	2.9	14.6	2.3	3.5	22.2	6.1	4.4	2.2	10.0	4.3	0.0	1.3	0.0	1.9
19	0.0	0.6	0.0	0.6	0.1	1.0	11.2	3.2	0.0	1.6	34.5	12.7	7.8	3.5	2.8	7.2	54.2	8.7	0.0	3.4	45.4	4.1	0.0	1.7
20	0.0	0.6	0.0	0.6	0.0	1.0	8.0	3.4	0.3	1.5	8.7	13.2	0.0	3.2	0.0	5.4	1.8	5.6	0.0	3.0	52.3	9.0	0.0	1.7
21	0.0	0.6	7.0	0.7	0.0	1.0	35.3	6.9	40.8	5.0	4.7	10.1	0.0	2.8	2.3	4.7	0.0	4.0	0.0	2.7	1.4	8.1	0.0	1.7
22	0.0	0.6	0.0	0.7	0.0	0.9	0.0	5.7	0.0	3.1	1.4	8.5	0.0	2.6	23.6	4.7	0.0	3.4	0.0	2.5	0.0	4.1	0.0	1.6
23	0.0	0.6	0.0	0.6	1.7	0.9	0.0	3.8	0.0	2.3	8.3	6.9	0.0	2.5	21.9	9.3	61.9	13.4	0.0	2.3	0.0	3.3	3.3	1.7
24	0.0	0.6	0.0	0.6	0.0	0.9	0.0	3.0	0.0	2.1	0.1	6.7	0.0	2.3	0.8	5.8	23.2	12.5	0.6	2.2	0.0	2.8	0.0	1.6
25	0.0	0.6	32.3	1.5	0.1	0.9	0.0	2.5	0.0	1.8	5.3	6.2	0.0	2.2	0.0	4.9	0.5	8.6	0.7	2.2	0.0	2.5	0.0	1.6
26	0.0	0.6	1.6	1.7	0.1	0.8	20.6	3.1	13.6	1.9	33.5	9.9	0.0	2.1	0.0	4.3	14.0	7.4	26.7	3.1	8.7	2.4	0.0	1.5
27	0.0	0.6	13.5	1.9	0.0	0.8	0.0	2.5	0.1	2.2	0.0	8.7	0.0	2.0	0.0	3.9	0.2	6.1	0.3	3.3	13.2	3.3	0.0	1.5
28	0.0	0.6	0.9	1.4	3.2	0.9	0.0	2.9	0.0	1.7	0.0	6.8	0.0	2.0	0.0	3.6	0.0	5.3	1.3	2.6	0.0	2.7	0.0	1.4
29	0.0	0.6			0.0	0.9	14.4	2.4	0.0	1.5	0.0	5.7	0.0	1.9	0.0	3.3	0.2	4.7	0.0	2.4	0.0	2.3	0.0	1.4
30	0.0	0.5			0.0	0.8	0.0	2.2	0.0	1.5	0.0	5.1	7.8	1.9	0.0	3.1	3.4	4.4	0.0	2.2	9.9	2.3	0.0	1.4
31	26.4	1.5			0.0	0.8			0.0	1.4			160.3	58.0	36.4	7.0			0.0	2.1			22.8	1.8
total	28.9	20.8	76.1	22.9	67.9	33.7	183.5	60.5	133.2	63.1	387.6	238.0	301.4	174.9	257.5	195.3	208.0	133.8	128.5	94.2	146.3	75.4	64.1	62.0

SHIRASAKA

1971

unit: mm/day

annual precipitation: 2072.0

annual runoff: 1294.8

1294.8

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	0.9	2.0	0.0	0.9	0.0	0.8	73.0	5.2	0.0	3.3	2.3	3.2	0.0	2.3	0.0	6.0	20.2	31.2	0.9	6.5	0.9	2.7	4.4	2.2
2	0.1	1.6	0.0	0.9	0.0	0.8	0.3	5.6	0.0	2.9	0.0	2.9	11.9	2.5	0.0	5.3	0.0	11.5	14.0	6.7	0.0	2.2	0.1	2.4
3	0.0	1.5	0.0	0.9	21.9	1.3	0.0	3.1	0.0	2.6	0.1	2.7	28.6	4.9	0.0	4.9	13.6	8.8	0.0	5.7	0.0	2.1	0.0	2.5
4	1.9	1.5	0.0	0.8	10.1	2.2	0.0	2.4	14.3	2.5	13.5	2.9	0.1	3.6	0.0	4.3	2.4	7.6	0.0	5.1	0.0	2.1	0.0	1.1
5	0.1	1.5	0.2	0.9	0.0	1.4	0.0	2.0	61.9	17.8	18.8	4.5	0.0	2.9	3.2	4.0	2.9	6.2	20.7	5.6	0.0	2.0	0.0	1.1
6	0.0	1.4	0.0	0.8	0.0	1.3	3.8	1.9	0.7	7.6	19.2	3.9	0.0	2.6	36.7	6.8	19.5	6.3	1.2	5.5	2.5	1.8	1.2	1.1
7	0.0	1.4	0.0	0.8	0.4	1.2	1.7	1.7	30.0	8.1	3.9	5.2	37.5	4.4	9.5	5.9	21.6	7.6	1.7	4.7	10.2	2.4	0.0	1.0
8	0.0	1.4	0.0	0.8	0.1	1.0	0.0	1.5	0.8	6.9	0.0	3.7	20.7	7.1	0.0	4.6	18.2	13.6	0.0	4.1	0.5	1.9	0.0	1.0
9	0.0	1.3	0.0	0.8	0.1	1.0	13.3	1.8	0.0	5.2	0.7	3.5	39.7	9.5	0.0	4.0	0.1	7.7	0.0	3.9	0.0	1.8	0.0	1.0
10	0.0	1.3	0.7	0.8	0.1	1.0	48.0	9.6	0.0	4.6	0.0	2.9	28.7	15.7	0.0	3.5	7.2	7.0	3.2	3.8	0.0	1.7	0.0	1.0
11	0.0	1.2	0.0	0.8	0.0	0.9	0.0	4.5	0.0	4.2	6.8	2.9	0.0	8.6	0.0	3.3	55.4	14.2	4.9	3.8	0.0	1.7	0.0	1.0
12	0.0	1.2	0.0	0.8	0.0	0.9	0.0	3.3	0.0	3.7	9.6	3.3	7.3	6.4	0.0	3.0	11.5	13.3	14.0	4.6	0.0	1.6	1.6	1.0
13	0.0	1.2	17.6	1.2	0.0	0.9	0.0	2.8	0.0	3.5	13.8	3.6	11.1	5.8	0.0	2.9	0.0	10.7	0.0	3.8	0.0	1.6	0.7	0.9
14	1.3	1.2	0.0	1.1	0.3	0.9	0.0	2.5	0.0	3.1	2.8	4.0	6.0	5.8	0.0	2.7	0.0	8.7	6.3	3.6	0.0	1.5	0.0	0.9
15	0.0	1.2	18.0	1.3	0.0	0.9	0.0	2.3	0.0	2.9	0.5	3.4	0.0	4.6	0.0	2.5	0.0	7.2	8.8	4.0	0.2	1.5	2.1	1.0
16	0.0	1.2	2.7	1.8	0.0	0.9	3.6	2.1	0.0	2.8	17.1	3.8	0.0	4.1	0.0	2.4	0.0	6.3	0.0	3.4	3.3	1.6	0.3	1.0
17	0.0	1.1	0.0	1.2	2.8	0.9	22.3	2.9	0.0	2.6	0.5	3.9	2.6	3.8	7.7	2.7	0.0	5.8	0.0	3.1	0.0	1.4	0.0	0.9
18	0.0	1.1	5.1	1.3	0.0	0.8	5.1	3.0	0.0	2.4	0.0	3.2	4.5	3.7	0.0	2.1	0.1	5.3	0.9	3.0	0.0	1.4	0.0	0.9
19	0.0	1.1	0.0	1.1	0.0	0.8	0.0	2.5	7.6	2.5	0.0	2.9	61.3	15.5	4.3	2.3	7.4	5.2	0.0	2.7	0.0	1.4	0.0	0.9
20	0.0	1.1	0.0	1.0	0.0	0.8	0.0	2.2	21.9	3.8	0.0	2.7	0.0	6.8	2.3	2.3	0.0	4.7	0.0	2.7	0.0	1.4	0.0	0.9
21	4.9	1.1	0.0	0.9	0.0	0.8	0.0	2.0	0.0	2.8	3.9	2.7	0.0	5.3	1.1	2.2	0.0	4.2	0.0	2.5	0.0	1.3	0.0	0.8
22	2.1	1.2	2.2	1.0	0.0	0.7	16.5	2.1	0.0	2.4	0.8	2.6	7.2	4.7	0.0	2.0	61.1	15.9	0.0	2.6	0.0	1.3	0.0	0.8
23	0.0	1.1	3.5	1.1	2.1	0.8	17.6	4.3	0.0	2.2	0.0	2.4	9.8	4.8	1.1	2.0	0.0	8.0	0.1	2.3	0.0	1.2	0.0	0.7
24	0.0	1.0	5.1	1.2	0.0	0.8	0.0	3.2	1.3	2.1	0.0	2.3	15.3	7.2	0.0	1.8	0.0	6.0	3.1	2.3	0.0	1.2	0.0	0.9
25	0.0	1.0	0.0	1.0	0.0	0.8	0.8	2.6	29.7	3.4	3.5	2.4	3.7	6.0	0.1	1.8	0.0	5.3	0.0	2.1	0.5	1.2	0.1	0.8
26	0.3	1.0	0.2	0.9	0.0	0.7	0.0	2.2	0.0	3.5	0.0	2.2	47.7	12.5	0.0	1.5	6.3	4.8	7.1	2.1	0.0	1.2	21.2	1.2
27	0.0	1.0	1.2	1.0	20.5	1.4	0.0	2.1	0.1	2.7	0.1	2.0	51.4	23.3	0.0	1.5	103.8	34.2	1.8	2.3	0.0	1.2	1.9	1.4
28	0.2	1.0	0.0	0.9	0.0	1.1	0.0	1.9	58.1	8.3	4.4	2.1	0.7	13.6	0.0	1.4	0.0	12.7	0.8	2.0	2.1	1.2	29.4	3.1
29	0.0	1.0			0.0	0.9	23.6	2.7	0.0	6.8	27.0	3.6	0.0	9.6	0.0	1.5	0.0	9.3	0.0	1.8	0.0	1.2	0.0	1.7
30	0.0	1.0			3.1	0.9	25.1	5.0	0.1	4.5	0.0	2.6	0.0	8.0	15.1	1.5	0.0	7.4	9.5	2.0	3.4	1.3	0.0	1.4
31	0.1	0.9			7.5	1.0			0.0	3.8			0.0	6.6	256.0	67.7			24.5	4.1			9.8	1.5
total	11.9	37.8	56.5	28.0	69.0	30.6	254.7	91.0	226.5	135.5	149.3	94.0	395.8	222.2	337.1	160.4	351.3	296.7	123.5	112.4	23.6	48.1	72.8	38.1

SHIRASAKA

1972

unit: mm/day

annual precipitation: 2390.0

annual runoff: 1531.7

1531.7

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	0.1	1.3	12.7	1.2	0.0	1.3	1.0	11.0	26.1	4.9	0.0	2.4	0.7	3.6	0.0	4.9	0.0	1.8	0.0	2.3	0.0	1.3	0.8	1.0
2	2.8	1.3	3.2	1.3	0.0	1.3	0.0	7.0	4.4	5.2	0.0	2.2	0.0	3.3	0.0	4.4	0.0	1.7	0.0	2.0	0.0	1.2	21.8	1.2
3	0.0	1.1	0.0	1.1	0.0	1.2	0.0	5.6	0.0	4.1	0.0	2.1	0.0	3.1	0.3	4.1	0.0	1.6	0.0	1.9	2.1	1.1	0.0	1.5
4	0.0	1.1	3.4	1.0	0.0	1.1	0.0	4.8	0.0	3.7	6.7	2.0	7.2	3.0	0.0	3.8	0.0	1.6	2.2	1.9	9.9	1.6	0.0	1.3
5	9.0	1.1	21.2	2.1	0.0	1.1	2.5	4.3	50.8	6.9	45.5	6.1	0.0	2.9	0.0	3.5	0.0	1.5	21.5	3.3	0.0	1.3	0.0	1.3
6	3.3	1.5	0.0	1.6	0.0	1.1	5.9	4.1	0.2	9.7	0.1	4.7	0.3	2.8	0.0	3.3	0.0	1.5	0.0	2.3	0.0	1.2	0.0	1.2
7	0.0	1.1	15.9	1.9	0.0	1.1	16.5	4.2	0.0	5.8	0.0	3.4	13.9	3.3	0.0	3.1	0.1	1.5	0.0	2.0	11.0	1.6	0.2	1.2
8	0.0	1.1	0.1	1.9	0.0	1.1	12.7	6.0	0.0	4.9	38.7	4.7	0.3	2.8	0.0	2.9	0.0	1.4	0.0	1.8	0.0	1.3	11.0	1.4
9	0.0	1.1	0.0	1.6	0.8	1.1	21.0	6.5	5.6	4.6	58.4	24.9	0.0	2.6	0.0	2.7	37.3	2.7	0.0	1.8	0.0	1.2	0.0	1.3
10	0.0	1.1	10.8	1.5	0.0	1.0	0.2	5.6	13.5	5.7	0.0	8.5	36.2	5.0	19.3	3.0	101.7	38.0	0.0	1.7	6.5	1.2	0.0	1.2
11	4.4	1.1	13.3	1.6	0.0	1.0	0.0	4.6	0.0	4.4	0.0	6.0	84.5	16.4	18.0	5.0	0.0	8.3	6.9	1.7	24.9	3.4	0.0	1.2
12	12.0	1.3	0.1	2.6	0.0	1.0	27.8	6.1	0.0	4.0	13.0	5.2	24.8	27.4	30.0	5.1	0.0	5.2	2.8	1.9	0.0	1.9	0.5	1.1
13	0.0	1.3	0.0	1.9	0.0	0.9	0.0	6.1	5.0	3.6	22.0	7.5	192.4	117.2	0.5	3.9	0.0	4.0	0.0	1.7	0.0	1.6	18.2	1.9
14	0.0	1.0	19.0	2.4	0.0	0.9	0.0	4.9	9.0	4.1	0.0	5.8	20.0	48.8	0.0	3.2	0.6	3.3	0.0	1.7	0.0	1.5	0.6	1.4
15	21.1	1.5	0.0	2.2	0.0	0.9	3.0	4.4	0.5	3.8	0.0	4.8	34.3	23.6	0.0	2.9	14.3	3.2	0.0	1.7	9.1	1.4	0.5	1.3
16	0.9	1.7	0.0	1.9	0.0	0.9	79.4	24.1	2.0	3.6	0.2	4.2	58.0	38.9	0.0	2.7	23.4	5.0	0.3	1.7	11.7	2.2	0.0	1.2
17	0.0	1.3	6.0	1.9	16.4	1.2	0.0	12.9	0.0	3.2	0.0	3.9	10.8	22.1	0.0	2.6	58.4	17.7	0.0	1.6	0.8	1.7	0.0	1.2
18	0.0	1.2	0.0	1.8	0.4	1.2	0.0	8.7	0.0	3.0	37.8	6.6	4.4	17.1	0.0	2.3	0.0	8.9	0.0	1.6	0.0	1.5	2.0	1.2
19	0.0	1.2	0.0	1.6	0.0	1.0	0.0	7.1	0.0	2.8	0.0	6.3	0.0	13.3	0.0	2.2	0.6	6.0	0.0	1.3	0.0	1.4	0.0	1.1
20	0.0	1.1	0.0	1.5	33.8	2.2	3.3	6.2	19.2	3.6	34.5	8.1	0.0	10.7	1.5	2.1	0.0	4.9	3.8	1.4	0.0	1.4	0.0	1.1
21	1.1	1.1	0.0	1.4	19.0	5.4	27.7	9.0	10.4	4.0	0.0	7.3	0.0	9.1	25.8	3.0	0.0	4.2	0.0	1.3	10.2	1.5	0.0	1.0
22	0.5	1.0	0.0	1.3	0.0	3.1	0.0	6.8	0.0	3.1	0.0	5.7	0.0	7.9	21.0	3.4	0.0	3.7	26.0	1.5	1.8	1.6	0.0	1.0
23	0.0	1.0	0.0	1.3	0.0	2.2	0.0	5.7	0.0	2.8	0.0	4.9	0.0	6.9	14.2	4.4	0.0	3.4	8.5	3.7	0.0	1.4	0.0	1.0
24	0.0	1.0	0.0	1.2	64.1	10.0	0.7	5.2	0.0	2.6	0.0	4.4	79.4	20.9	0.0	3.2	0.0	3.2	0.0	1.8	1.5	1.3	29.4	1.7
25	4.9	1.1	0.0	1.2	6.5	13.7	0.0	4.7	0.0	2.5	0.0	4.0	19.0	16.8	0.1	2.6	0.0	2.9	0.0	1.6	0.0	1.2	2.3	2.0
26	1.0	1.2	0.0	1.2	13.5	6.2	6.9	4.5	0.0	2.4	0.0	3.7	0.0	10.3	0.0	2.7	0.0	2.7	0.0	1.5	1.1	1.3	0.0	1.5
27	0.0	1.0	24.3	1.9	3.1	5.7	15.8	5.4	14.3	2.7	19.0	3.9	0.7	8.4	13.5	3.3	0.0	2.5	8.4	1.5	0.0	1.2	0.0	1.4
28	0.0	0.9	0.1	1.8	0.0	4.3	0.0	4.6	5.0	3.1	23.3	6.6	6.2	7.6	0.2	2.4	0.0	2.3	1.9	1.6	0.3	1.1	0.3	1.3
29	0.0	0.9	0.1	1.4	0.0	3.6	0.0	4.1	0.3	2.6	0.0	4.7	0.0	6.7	0.1	2.2	11.4	2.5	0.0	1.4	0.0	1.1	0.5	1.2
30	3.9	1.0			26.0	4.2	0.0	3.7	5.5	2.4	0.0	4.0	0.0	5.9	0.0	2.0	0.1	2.6	0.0	1.3	0.0	1.1	2.8	1.2
31	0.0	0.9			51.2	16.6			6.9	3.1			0.1	5.4	0.0	1.9			8.0	1.4			0.0	1.1
total	65.0	35.6	130.2	47.3	234.8	97.6	224.4	197.9	178.7	122.9	299.2	168.6	593.2	473.8	144.5	98.8	247.9	149.8	90.3	55.9	90.9	43.8	90.9	39.7

SHIRASAKA

1973

unit: mm/day

annual precipitation: 1383.0

annual runoff:

595.0

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	1.1	0.0	1.7	0.0	1.6	1.1	0.9	0.0	1.9	0.0	1.8	0.0	2.4	5.4	1.0	0.0	0.7	26.7	2.3	0.0	3.1	0.0	1.0
2	14.8	1.5	0.0	1.6	0.0	1.5	0.3	0.9	2.2	1.8	0.0	1.7	10.3	2.2	1.5	1.1	0.0	0.7	0.0	1.5	0.1	2.8	0.0	1.0
3	0.2	1.4	0.0	1.5	0.0	1.5	0.0	0.9	44.1	7.0	1.3	1.5	0.1	1.8	1.3	0.9	35.8	3.5	0.0	1.2	0.0	2.5	0.0	1.0
4	0.0	1.2	0.0	1.5	0.0	1.4	6.6	0.9	0.0	3.5	0.0	1.5	10.0	2.1	1.9	0.9	1.8	1.4	0.0	1.1	0.0	2.2	0.6	1.0
5	0.0	1.1	0.0	1.5	0.0	1.3	3.8	1.1	0.0	2.8	0.0	1.4	0.0	1.8	7.4	0.9	24.4	1.9	0.0	1.0	0.0	2.1	0.3	0.9
6	0.0	1.1	1.0	1.4	0.0	1.3	0.0	0.9	0.0	2.4	1.2	1.3	0.0	1.6	0.0	0.8	32.9	4.1	0.0	0.9	0.0	2.0	0.0	0.9
7	3.8	1.1	2.0	1.5	0.0	1.2	0.0	0.8	0.0	2.3	4.2	1.5	0.0	1.5	8.3	0.9	8.7	5.3	11.2	1.1	0.0	1.9	0.0	0.9
8	31.2	3.0	0.0	1.3	0.0	1.2	0.0	0.8	7.1	2.1	8.5	1.7	0.0	1.3	0.0	0.8	0.9	2.6	3.1	1.2	0.0	1.7	0.3	0.9
9	0.0	2.2	0.0	1.3	0.0	1.3	0.0	0.8	39.3	6.0	0.0	1.3	0.0	1.2	0.0	0.7	0.0	1.8	0.0	0.9	0.0	1.7	0.0	0.9
10	0.0	1.8	0.0	1.2	0.0	1.2	12.5	0.9	0.0	3.8	0.0	1.2	0.0	1.2	0.0	0.7	1.1	1.5	0.0	0.9	12.8	1.9	0.0	0.9
11	0.4	1.6	0.0	1.2	0.0	1.2	22.8	2.3	0.0	3.0	0.0	1.2	0.0	1.1	0.0	0.6	7.7	1.7	0.0	0.8	14.3	2.7	0.0	0.9
12	0.0	1.5	0.0	1.2	0.2	1.1	4.7	1.5	0.0	2.6	0.4	1.2	0.0	1.0	0.0	0.6	0.0	1.3	0.0	0.8	0.0	1.9	0.0	0.9
13	0.0	1.4	0.0	1.2	1.3	1.2	2.5	1.4	0.0	2.4	1.6	1.1	0.0	1.0	0.0	0.6	0.2	1.2	2.8	0.8	0.0	1.7	0.0	0.8
14	0.0	1.3	0.6	1.2	0.0	1.1	0.0	1.1	0.0	2.2	1.5	1.2	0.0	0.9	0.0	0.6	16.1	1.6	100.5	17.0	0.0	1.6	0.0	0.8
15	0.0	1.3	1.6	1.2	0.0	1.0	0.2	1.0	0.0	2.0	0.1	1.2	0.0	0.9	1.2	0.5	0.0	1.3	0.0	5.4	0.0	1.5	0.0	0.8
16	4.9	1.3	0.0	1.1	0.0	1.0	36.0	2.9	0.0	1.9	0.0	1.1	0.0	0.9	22.1	1.2	0.0	1.1	0.0	3.0	0.0	1.5	0.0	0.8
17	0.1	1.2	0.0	1.1	0.0	1.0	21.5	2.9	2.9	1.9	0.0	1.0	0.0	0.8	1.7	0.9	0.0	1.0	9.5	2.5	0.0	1.4	1.9	0.8
18	34.8	2.7	15.1	1.4	0.0	1.0	13.8	6.5	0.3	1.9	6.8	1.1	0.0	0.8	10.1	1.0	0.0	1.0	7.9	2.9	0.0	1.4	0.0	0.8
19	2.9	3.0	10.0	1.9	0.0	1.0	0.0	3.2	15.7	2.4	28.5	1.3	0.0	0.8	0.0	0.8	21.4	1.7	0.0	2.1	0.0	1.3	0.0	0.8
20	0.1	2.2	24.1	2.5	0.0	1.0	5.2	2.5	0.0	1.9	6.0	2.6	0.0	0.7	1.0	0.8	0.0	1.3	0.0	1.8	5.1	1.3	0.0	0.8
21	0.1	2.0	0.4	2.5	2.7	0.9	0.0	2.1	0.0	1.7	9.7	1.8	0.0	0.7	0.0	0.7	0.4	1.2	7.5	1.8	0.0	1.4	0.0	0.8
22	0.0	1.8	0.2	1.9	0.2	1.0	30.8	2.8	0.0	1.5	0.1	1.4	7.4	0.8	0.0	0.6	5.9	1.2	22.9	3.3	0.4	1.3	0.0	0.7
23	4.4	1.8	17.0	2.6	0.0	0.9	0.2	4.1	0.0	1.5	19.6	2.0	1.5	0.9	0.0	0.6	9.0	1.5	0.0	2.7	0.0	1.2	2.6	0.7
24	0.0	1.6	0.2	2.1	0.0	0.9	0.0	2.7	0.0	1.4	0.7	1.5	0.0	0.9	21.2	1.1	0.0	1.2	0.0	2.1	0.0	1.2	0.0	0.8
25	32.9	3.6	4.5	2.0	0.0	0.9	2.0	2.3	0.0	1.3	0.0	1.3	0.0	0.8	26.6	1.4	0.0	1.1	1.3	1.9	0.0	1.2	0.0	0.7
26	0.0	3.0	0.2	1.9	0.1	0.9	0.0	2.1	0.0	1.3	0.5	1.2	0.0	0.8	2.0	2.0	0.0	1.0	0.0	1.7	0.0	1.1	0.0	0.7
27	0.0	2.4	0.1	1.8	0.0	0.9	26.8	3.3	0.0	1.3	24.9	1.7	0.0	0.8	0.2	1.2	0.0	1.0	0.0	1.6	0.0	1.1	0.0	0.7
28	0.0	2.2	0.0	1.7	0.6	0.9	0.0	2.8	0.0	1.2	1.3	2.2	0.0	0.8	0.0	1.0	0.0	0.9	70.2	5.9	0.0	1.1	0.0	0.7
29	0.0	2.0			1.0	0.9	0.0	2.3	52.2	3.8	2.0	1.7	4.3	0.8	0.0	0.9	0.0	0.8	8.3	10.8	0.0	1.1	0.1	0.7
30	0.3	1.9			4.4	1.0	1.2	2.1	0.2	3.2	27.5	3.2	13.6	1.1	0.0	0.8	10.6	0.9	0.0	4.9	0.0	1.1	0.0	0.7
31	0.0	1.8			1.2	0.9			0.0	2.1			14.6	1.4	0.0	0.8			0.0	3.8			0.0	0.7
total	130.9	57.1	77.0	45.0	11.7	34.2	192.0	60.8	164.0	76.1	146.4	45.9	61.8	35.8	111.9	27.4	176.9	47.5	271.9	89.7	32.7	50.0	5.8	25.5

SHIRASAKA

1974

unit: mm/day

annual precipitation: 2230.2

annual runoff: 1346.5

1346.5

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	0.0	0.7	0.0	0.5	0.0	0.7	0.0	1.1	0.0	3.2	2.0	2.8	30.2	5.7	1.8	5.7	0.0	6.3	0.0	2.7	0.0	2.3	0.0	1.4
2	0.0	0.7	0.0	0.5	0.0	0.7	2.3	1.1	0.0	2.9	0.0	2.4	34.0	7.2	0.0	5.1	1.4	5.6	13.7	2.8	0.0	2.0	2.0	1.4
3	0.0	0.6	0.0	0.5	0.0	0.7	0.2	1.0	0.0	2.7	0.0	2.2	42.5	19.2	0.0	4.5	0.4	5.1	10.0	3.2	0.0	1.9	15.9	2.2
4	0.0	0.7	0.0	0.5	0.6	0.7	0.0	1.0	0.0	2.5	0.0	2.1	0.4	13.0	9.8	4.4	0.0	4.5	0.2	2.9	0.0	1.8	1.0	1.7
5	0.0	0.6	1.6	0.5	0.0	0.7	4.3	0.9	0.0	2.4	20.2	2.3	10.3	9.2	0.0	3.9	3.1	4.3	0.0	2.5	0.3	1.7	0.0	1.5
6	0.0	0.6	23.6	1.1	2.2	0.7	0.0	1.0	0.0	2.2	55.0	16.9	14.8	9.9	0.0	3.6	0.0	3.8	0.0	2.2	0.0	1.6	0.4	1.5
7	0.0	0.6	0.1	0.9	21.5	1.3	0.0	0.9	0.0	2.1	0.0	5.6	16.4	8.5	0.0	3.3	0.0	3.6	0.0	2.1	3.4	1.6	1.4	1.4
8	0.0	0.6	24.6	1.3	0.7	1.2	67.0	5.7	0.0	2.0	0.0	4.1	73.0	37.0	11.2	3.4	0.0	3.4	25.7	2.5	0.0	1.6	0.4	1.4
9	0.7	0.6	0.2	1.2	0.0	1.0	93.7	34.5	10.7	2.1	0.0	3.5	0.0	15.1	0.0	3.1	13.3	3.5	9.0	4.4	0.0	1.6	0.0	1.3
10	0.0	0.6	0.0	0.9	44.3	2.7	14.0	20.1	32.5	5.1	0.0	3.1	0.2	11.3	0.0	2.9	28.0	5.8	2.1	3.0	0.0	1.5	3.0	1.3
11	0.0	0.6	2.0	0.8	0.0	4.0	0.0	9.8	0.0	3.1	10.3	3.1	69.4	32.2	0.0	2.7	0.0	3.5	0.0	2.6	0.0	1.4	11.6	1.9
12	0.0	0.6	0.0	0.8	0.0	2.2	0.0	6.4	0.0	2.6	9.6	3.9	0.4	16.1	1.4	2.6	1.0	3.2	5.3	2.5	0.0	1.4	0.0	1.5
13	0.0	0.6	0.2	0.7	0.3	1.7	0.0	4.9	0.0	2.3	0.0	3.1	1.8	12.0	20.7	3.6	0.7	3.0	0.4	2.4	0.0	1.3	0.0	1.4
14	0.0	0.6	0.0	0.7	0.0	1.5	1.9	4.1	0.0	2.1	0.4	2.8	0.2	10.0	3.0	3.3	0.0	2.8	1.0	2.3	0.0	1.3	0.0	1.4
15	0.0	0.6	0.0	0.7	0.0	1.4	16.5	4.8	26.5	2.5	23.6	4.4	7.1	9.0	0.0	2.6	0.1	2.6	0.0	2.0	0.0	1.3	0.3	1.4
16	0.0	0.5	10.4	0.9	1.4	1.3	22.8	4.5	41.3	12.2	0.0	3.0	1.5	8.0	0.0	2.4	10.6	3.1	0.0	2.0	0.0	1.2	0.0	1.3
17	0.0	0.5	0.0	0.8	6.7	1.5	1.9	6.0	0.0	4.9	0.0	2.5	2.5	7.1	0.0	2.3	4.4	2.6	0.0	1.9	8.9	1.3	0.0	1.3
18	0.2	0.5	0.0	0.8	0.0	1.2	0.0	4.3	0.0	3.8	83.7	15.5	4.5	6.6	35.6	5.3	1.7	2.9	0.3	1.8	62.2	7.2	2.5	1.3
19	0.0	0.5	0.0	0.7	0.0	1.1	0.0	3.7	0.0	3.2	4.0	11.5	16.5	8.1	0.0	3.2	8.4	2.8	6.0	1.8	2.0	4.1	3.4	1.4
20	0.0	0.5	16.4	0.9	0.1	1.1	0.0	3.3	0.0	2.9	0.0	6.5	18.7	8.9	0.0	2.7	0.0	2.5	5.8	2.3	0.0	2.8	0.0	1.2
21	0.0	0.5	2.9	1.5	0.8	1.0	2.6	3.0	35.9	5.1	0.0	5.2	0.0	6.9	0.0	2.5	0.0	2.3	0.0	1.8	0.0	2.4	0.3	1.2
22	12.7	0.9	0.0	1.0	1.3	1.0	47.9	9.4	0.6	5.3	31.6	7.1	7.0	6.3	0.4	2.3	1.0	2.2	12.3	1.9	3.0	2.2	0.0	1.2
23	0.0	0.7	2.7	0.9	0.5	1.0	0.0	5.5	4.0	4.2	0.0	5.8	3.4	5.8	5.9	2.4	0.0	2.1	26.8	4.1	0.0	2.0	0.0	1.2
24	0.0	0.6	2.2	1.0	0.3	0.9	0.0	4.4	0.0	3.5	14.0	5.5	0.0	5.1	0.0	2.2	2.4	2.0	0.0	2.6	3.3	2.0	0.4	1.1
25	0.0	0.6	5.8	0.9	0.0	0.9	0.0	3.8	0.0	3.0	0.0	4.8	44.4	7.9	1.8	2.3	2.0	2.1	0.0	2.2	0.0	1.8	0.8	1.2
26	0.0	0.6	0.1	0.9	0.0	1.1	5.8	3.6	0.0	2.8	0.0	4.2	9.9	10.4	123.7	24.8	0.0	1.9	0.0	2.1	0.0	1.7	0.0	1.1
27	0.0	0.5	0.0	0.8	16.0	1.1	0.0	3.2	29.1	5.6	0.0	3.7	0.0	6.8	51.9	32.4	29.4	2.2	7.2	2.1	0.0	1.7	0.0	1.0
28	0.0	0.6	0.0	0.7	22.3	2.2	0.0	2.9	0.0	3.9	30.3	5.3	0.0	5.8	85.2	44.9	43.7	10.4	4.3	2.2	0.0	1.6	0.0	1.0
29	0.0	0.6			0.0	1.4	31.3	4.3	0.0	3.4	0.2	5.0	16.7	15.7	0.0	14.8	0.0	4.3	0.0	1.9	0.0	1.5	0.9	1.0
30	0.0	0.5			0.0	1.3	0.0	3.9	0.0	2.8	0.0	4.0	0.0	8.1	0.0	9.9	0.0	3.2	0.0	1.8	0.0	1.5	4.5	1.1
31	0.0	0.5			2.1	1.2			9.2	3.0			0.0	6.3	0.0	7.5			23.8	3.2			0.2	1.0
total	13.6	18.4	92.8	23.4	121.1	40.5	312.2	163.1	189.8	109.4	284.9	151.9	425.8	339.2	352.4	216.6	151.6	107.6	153.9	75.8	83.1	59.3	49.0	41.3

SHIRASAKA

1975

unit: mm/day

annual precipitation: 2126.9

annual runoff: 1240.0

1240.0

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	1.0	0.0	1.1	0.0	1.0	0.2	1.2	0.0	3.1	0.0	2.0	2.4	1.7	0.0	2.2	0.0	3.0	0.0	3.4	2.5	5.1	0.0	2.4
2	0.1	1.0	0.0	1.1	0.0	1.0	0.0	1.1	0.0	2.6	6.1	2.1	0.0	1.6	0.0	2.1	0.0	2.8	0.0	3.1	0.0	4.2	0.0	2.3
3	0.0	1.0	1.2	1.1	0.0	1.0	0.0	1.1	5.5	2.4	0.0	1.8	0.0	1.5	0.0	1.9	0.0	2.6	37.9	5.6	0.0	3.6	0.0	2.2
4	0.0	0.9	3.7	1.1	0.0	1.1	0.0	1.1	9.1	2.6	0.0	1.7	148.6	25.1	0.0	1.8	1.2	2.6	10.8	7.3	0.0	3.2	0.0	2.1
5	0.0	0.9	9.4	1.4	0.0	1.1	0.0	1.0	3.1	2.5	25.3	2.2	0.3	31.0	0.0	1.7	0.0	2.4	3.3	5.3	0.0	3.0	29.0	2.8
6	0.0	0.9	0.0	1.2	15.5	1.5	25.1	1.6	0.0	2.2	2.6	2.9	34.3	13.9	0.2	1.7	14.7	3.5	36.2	12.7	0.7	2.8	15.8	6.8
7	0.0	0.9	10.9	1.1	0.3	1.6	0.0	1.6	0.0	2.1	20.5	3.2	19.1	15.0	92.0	14.1	0.0	2.5	0.0	6.8	49.1	6.2	21.9	4.8
8	8.4	2.0	20.0	3.1	0.0	1.3	14.9	1.4	0.3	1.9	0.0	2.9	41.0	23.1	9.5	7.3	0.0	2.2	38.0	9.2	0.5	7.1	1.0	5.0
9	16.0	1.3	0.0	3.5	0.0	1.2	31.2	5.6	12.3	2.2	0.0	2.4	0.0	12.2	0.0	4.0	4.9	2.4	0.2	8.8	0.0	4.6	1.0	4.0
10	0.4	1.2	0.1	1.5	34.0	1.9	0.0	2.8	7.7	2.5	0.0	2.1	16.3	9.6	0.0	3.3	0.0	2.0	0.0	6.1	0.0	3.8	0.6	3.5
11	3.5	1.1	0.0	1.4	11.5	6.4	6.2	2.3	6.9	2.4	0.0	1.9	12.1	10.6	0.0	2.9	0.0	1.9	0.0	5.2	0.0	3.5	0.0	3.1
12	4.2	1.1	0.0	1.3	0.0	2.8	0.0	1.9	0.0	2.2	0.1	1.8	17.3	10.6	0.0	2.6	0.0	1.7	8.0	4.7	0.0	3.2	0.0	2.9
13	9.3	1.2	0.4	1.3	0.0	2.2	0.5	1.7	0.0	2.1	0.0	1.7	5.5	9.6	0.0	2.3	0.0	1.6	12.5	5.3	0.0	3.0	0.0	2.7
14	0.2	1.2	0.0	1.3	0.0	1.9	1.3	1.7	0.1	1.9	0.0	1.6	7.6	8.2	0.0	2.1	0.0	1.6	0.1	4.6	6.3	3.0	0.0	2.6
15	0.0	1.1	0.3	1.3	0.0	1.7	0.0	1.6	2.5	1.8	0.0	1.5	2.5	7.6	0.0	2.0	0.0	1.6	0.0	4.0	26.8	3.8	0.0	2.5
16	3.6	1.4	0.0	1.2	0.0	1.6	0.0	1.5	5.7	1.7	0.0	1.5	0.0	6.4	1.5	1.9	0.0	1.5	0.0	3.7	26.7	7.3	0.0	2.4
17	1.5	1.2	0.0	1.2	0.0	1.5	3.7	1.5	15.0	2.3	0.0	1.4	0.2	5.6	21.8	2.4	0.0	1.5	0.0	3.5	0.3	5.4	0.5	2.3
18	0.0	1.2	0.0	1.1	0.0	1.5	6.4	1.8	3.4	2.4	3.3	1.4	0.0	5.0	16.9	3.3	0.0	1.4	10.9	3.5	0.0	4.3	0.0	2.2
19	0.0	1.1	0.0	1.0	0.0	1.4	0.0	1.5	23.8	2.4	14.3	2.1	0.0	4.5	0.0	2.4	186.0	51.1	22.6	5.7	2.3	3.8	0.0	2.1
20	3.9	1.0	0.0	1.0	0.4	2.7	0.0	1.4	22.5	6.5	0.0	1.6	0.0	4.1	0.0	2.1	0.0	9.1	0.0	4.2	13.4	4.6	0.0	2.1
21	0.0	1.0	21.9	1.0	19.1	2.0	8.0	1.5	0.0	4.3	5.8	1.7	0.0	3.8	0.0	1.9	0.0	5.1	0.0	3.6	0.0	3.8	0.0	2.0
22	2.2	1.0	2.7	1.2	0.0	1.6	45.1	5.5	0.0	3.3	20.2	2.2	8.8	4.0	21.8	2.5	0.0	4.0	0.0	3.3	0.0	3.5	0.2	2.0
23	21.6	2.8	2.6	1.1	0.0	1.4	8.7	3.9	0.0	2.9	1.9	2.2	0.0	3.5	110.0	17.1	15.1	4.1	0.0	3.1	0.0	3.2	0.0	1.9
24	0.0	1.7	0.3	1.1	0.6	1.4	3.7	3.4	0.0	2.5	0.0	1.8	0.2	3.2	46.0	36.7	49.5	13.3	1.9	2.9	0.0	3.0	0.0	1.9
25	3.7	1.5	0.0	1.1	0.0	1.3	0.4	2.9	2.1	2.4	2.2	1.7	13.4	3.6	0.0	10.4	0.0	7.9	13.3	3.6	0.0	2.8	0.0	1.8
26	0.0	1.6	0.1	1.2	0.0	1.3	0.0	2.5	1.0	2.2	22.0	2.9	0.0	3.1	0.0	6.7	0.0	5.6	0.0	3.0	0.0	2.7	0.0	1.8
27	0.0	1.4	0.0	1.2	0.0	1.2	1.1	2.3	30.4	4.8	0.0	2.4	0.0	3.2	0.0	5.4	0.0	4.4	0.2	2.8	0.1	2.6	0.0	1.7
28	0.0	1.3	1.4	1.1	0.0	1.2	2.9	2.4	0.0	2.9	4.6	2.0	9.3	3.7	0.0	4.6	0.3	4.1	0.0	2.6	11.0	3.0	0.0	1.7
29	0.1	1.2			0.0	1.1	2.3	2.1	0.0	2.5	7.4	2.4	0.0	2.8	0.0	4.0	8.9	3.6	22.4	3.2	0.0	2.6	0.0	1.6
30	0.0	1.2			6.6	1.3	23.5	3.3	0.0	2.2	0.0	1.9	0.0	2.5	0.0	3.6	8.9	4.1	18.5	5.4	0.0	2.5	0.0	1.6
31	0.0	1.1			0.0	1.2			0.0	2.1			0.0	2.3	0.0	3.3			17.7	4.8			0.0	1.6
total	78.7	38.5	75.0	37.3	88.0	51.4	185.2	65.2	151.4	81.9	136.3	61.0	338.9	242.6	319.7	160.3	289.5	155.2	254.5	151.0	139.7	115.2	70.0	80.4

SHIRASAKA

1976

unit: mm/day

annual precipitation: 2384.4

annual runoff: 1562.0

1562.0

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	1.6	0.0	1.0	7.9	7.4	0.0	8.1	41.8	10.2	0.8	7.7	0.0	3.8	0.0	2.9	0.0	2.6	0.0	2.9	2.1	1.9	0.0	1.2
2	0.0	1.5	0.0	1.0	0.0	4.4	0.0	5.8	0.2	10.4	0.0	6.7	1.8	3.5	0.0	2.7	0.0	2.3	0.0	2.8	0.0	1.7	0.0	1.2
3	0.0	1.5	0.0	1.0	0.0	3.4	0.0	4.8	3.5	7.2	0.0	6.0	0.1	3.3	57.4	9.3	0.0	2.2	0.0	2.7	0.0	1.7	0.0	1.2
4	0.8	1.5	0.0	1.0	0.0	2.8	0.0	4.1	3.1	6.4	0.0	5.5	0.0	3.1	25.3	8.5	25.5	3.1	0.0	2.5	0.0	1.6	0.0	1.2
5	0.5	1.5	13.2	1.0	0.0	2.5	0.0	3.6	2.7	5.7	1.4	4.9	16.9	3.5	8.0	6.0	0.1	2.8	1.7	2.5	0.0	1.6	0.0	1.1
6	0.0	1.4	16.2	2.1	0.0	2.3	0.0	3.2	0.0	5.2	26.5	6.4	7.1	3.6	1.6	5.0	0.0	2.3	0.0	2.5	0.0	1.6	0.0	1.1
7	0.0	1.4	0.0	1.2	0.0	2.1	49.0	8.9	0.0	4.6	0.0	5.2	6.2	3.5	31.0	5.9	0.0	2.1	0.0	2.1	0.0	1.6	0.0	1.1
8	0.0	1.4	0.0	1.1	0.0	2.0	0.0	5.5	0.0	4.2	0.0	4.5	7.5	3.7	0.0	7.1	1.1	2.1	0.0	2.1	0.0	1.5	7.4	1.2
9	0.0	1.3	0.0	1.1	0.0	1.8	0.0	4.3	0.0	3.9	11.8	4.4	0.0	3.1	2.8	5.1	148.0	30.0	40.0	3.7	0.0	1.5	0.0	1.2
10	0.0	1.3	0.0	1.0	0.0	1.8	2.1	3.9	0.0	3.6	23.6	7.7	0.2	2.8	17.5	6.4	59.0	46.9	8.2	4.4	0.0	1.4	0.3	1.1
11	0.0	1.3	0.9	1.0	9.8	2.1	0.0	3.5	0.0	3.4	42.8	12.0	20.5	3.6	0.2	5.0	23.3	17.9	0.0	2.8	18.8	1.9	0.0	1.1
12	0.3	1.2	0.0	0.9	14.1	2.0	12.8	3.4	0.0	3.2	6.4	14.4	51.8	7.1	0.0	4.4	11.9	13.1	0.0	2.4	0.0	1.8	0.0	1.0
13	0.0	1.2	0.0	0.9	0.8	2.3	7.0	4.2	33.1	6.1	1.8	8.7	3.0	11.3	0.0	3.9	50.3	21.8	0.0	2.3	0.0	1.6	0.0	1.0
14	0.0	1.2	3.0	0.8	0.0	1.8	12.3	3.9	0.0	4.0	0.4	7.0	11.8	7.1	0.2	3.6	15.7	14.9	4.8	2.2	15.7	1.5	0.0	1.0
15	0.0	1.2	2.2	1.0	1.1	1.8	49.5	15.8	0.0	3.5	13.5	6.7	7.0	6.5	5.7	3.6	0.4	11.1	41.0	5.6	1.9	2.3	0.0	1.0
16	0.0	1.2	0.6	1.0	0.0	1.7	0.0	8.5	0.0	3.2	0.0	5.8	0.0	5.2	11.0	4.0	0.0	8.7	0.3	4.0	0.0	1.7	0.0	0.9
17	0.0	1.1	9.3	1.3	14.5	1.8	0.0	6.4	14.9	3.6	0.0	5.1	0.0	4.6	14.5	4.7	0.0	7.3	0.0	3.1	0.0	1.6	10.7	1.2
18	0.0	1.2	4.6	1.2	1.2	2.2	0.0	5.4	0.0	3.3	0.0	4.7	0.7	4.2	0.0	3.6	0.0	6.3	0.0	2.7	26.0	2.1	0.0	1.0
19	0.0	1.1	20.7	2.6	2.0	1.8	0.0	4.8	32.3	3.7	0.0	4.4	0.2	3.8	0.0	3.3	0.0	5.6	3.4	2.5	0.0	2.7	0.4	1.0
20	1.0	1.1	0.0	1.7	0.0	1.7	0.6	4.4	6.8	7.7	0.0	4.2	83.6	20.8	0.0	3.0	4.7	5.3	2.0	2.5	0.2	2.0	0.0	1.0
21	3.0	1.1	0.1	1.4	0.0	1.6	48.7	10.7	3.1	4.4	0.0	3.9	0.0	8.0	0.0	2.8	27.5	6.9	14.8	3.1	0.2	1.8	0.0	0.9
22	3.4	1.2	0.0	1.3	0.0	1.5	2.8	8.3	35.6	8.0	12.6	4.0	1.2	6.4	0.0	2.6	3.6	5.8	0.0	2.4	0.0	1.7	0.0	0.9
23	1.4	1.1	48.7	5.8	0.0	1.5	0.0	6.2	16.1	7.4	6.0	4.0	0.0	5.5	0.0	2.4	0.2	5.1	0.0	2.2	0.0	1.6	23.0	1.8
24	2.3	1.1	0.0	4.0	0.0	1.5	32.5	9.9	0.5	7.0	15.5	4.0	9.5	5.1	0.0	2.3	0.0	4.5	10.2	2.5	0.0	1.5	0.0	1.4
25	0.0	1.1	0.0	2.5	0.0	1.4	0.0	8.4	59.0	13.1	35.2	6.5	0.0	4.6	0.0	2.3	0.0	4.0	0.0	2.2	0.0	1.5	18.5	1.4
26	0.3	1.1	0.0	2.1	0.0	1.3	0.6	6.6	127.5	81.8	14.8	9.2	0.0	4.0	0.0	2.1	0.0	3.9	0.0	2.0	0.0	1.4	3.2	2.3
27	0.0	1.1	0.0	1.8	51.5	3.6	2.5	6.0	0.0	24.4	0.0	6.5	0.0	3.6	15.9	3.1	0.0	3.6	0.0	1.9	0.0	1.4	0.2	1.5
28	0.0	1.0	2.4	1.8	0.2	5.3	0.0	5.3	0.0	14.5	0.0	5.1	0.0	3.4	30.2	3.2	0.3	3.4	0.2	1.8	0.0	1.3	6.6	1.4
29	0.0	1.0	53.3	5.3	0.0	2.9	6.1	4.9	0.0	10.9	0.0	4.4	23.0	4.8	2.3	3.9	0.0	3.2	20.8	2.9	0.0	1.2	1.8	1.3
30	0.0	1.0			65.5	9.3	25.0	5.3	0.1	9.0	0.0	4.0	0.0	3.5	0.0	2.7	0.0	3.0	0.0	2.0	0.5	1.2	0.0	1.2
31	0.0	1.0			20.0	23.2			18.9	9.4			0.0	3.2	11.6	3.0			0.0	1.9			0.0	1.2
total	13.0	38.0	175.2	49.9	188.6	102.8	251.5	184.1	399.2	293.0	213.1	183.6	252.1	160.2	235.2	128.4	371.6	251.8	147.4	83.2	65.4	49.9	72.1	37.1

SHIRASAKA

1977

unit: mm/day

annual precipitation: 1789.5

annual runoff: 984.1

984.1

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	1.1	0.0	0.7	0.0	0.9	4.5	7.3	0.0	5.5	0.0	2.4	6.8	5.4	0.0	1.4	0.0	1.3	0.0	1.5	0.0	0.7	0.0	1.3
2	0.5	1.1	0.2	0.7	0.0	0.8	0.0	4.8	44.5	6.7	0.0	2.2	2.5	5.6	0.4	1.3	0.0	1.2	0.0	1.3	5.0	0.8	0.4	1.2
3	0.0	1.1	0.0	0.7	16.1	1.3	0.0	3.8	6.4	12.2	35.1	4.6	0.0	4.7	0.0	1.2	6.6	1.3	0.0	1.2	0.0	0.8	0.0	1.2
4	0.0	1.0	0.0	0.7	0.0	1.2	0.0	3.2	0.0	7.3	0.0	3.4	0.0	4.2	0.0	1.2	73.9	11.6	20.7	1.7	12.3	0.8	0.0	1.2
5	0.0	1.0	0.2	0.7	1.3	0.9	0.0	2.8	17.6	6.4	0.0	2.8	0.0	3.8	0.0	1.1	0.0	4.4	0.8	1.7	23.4	2.0	0.0	1.2
6	0.4	1.0	0.0	0.7	0.0	0.8	0.0	2.5	12.5	8.6	0.0	2.4	1.4	3.7	2.1	1.2	0.0	2.8	0.0	1.4	0.0	1.2	0.0	1.1
7	0.0	0.9	0.0	0.7	0.0	0.8	31.9	3.4	0.0	6.7	1.1	2.3	0.0	3.4	0.0	1.0	4.3	2.4	0.0	1.2	6.9	1.1	0.0	1.1
8	0.0	1.0	0.0	0.7	0.0	0.8	1.0	3.6	0.0	5.7	4.7	2.4	2.2	3.3	6.9	1.0	12.3	2.5	0.2	1.1	0.0	1.0	0.0	1.1
9	0.0	1.0	0.0	0.7	0.0	0.8	26.0	3.5	0.0	5.1	0.1	2.2	0.0	3.0	18.3	1.8	29.0	3.3	20.7	2.1	3.8	1.0	0.2	1.1
10	0.5	1.0	4.0	0.7	0.6	0.8	18.9	9.2	0.0	4.6	0.0	2.0	0.0	2.8	0.0	1.4	27.8	8.2	0.0	1.5	0.0	0.9	0.0	1.0
11	0.2	1.0	0.5	0.7	0.0	0.7	0.0	5.2	0.0	4.2	10.1	2.2	3.0	2.8	0.0	1.1	1.6	4.6	0.0	1.3	0.0	0.9	0.0	1.0
12	0.0	1.0	0.0	0.7	0.0	0.7	0.0	4.1	0.0	3.9	3.9	2.3	0.3	2.7	0.0	1.1	0.0	3.4	0.0	1.2	0.0	0.8	0.0	1.0
13	0.0	1.0	0.0	0.7	0.0	0.7	35.8	4.9	3.5	3.8	0.0	2.0	0.0	2.5	0.0	1.0	0.0	2.9	0.0	1.1	0.0	0.8	0.0	1.0
14	0.7	0.9	0.0	0.7	30.0	1.7	0.0	6.9	0.0	3.5	0.0	1.9	0.4	2.5	0.0	1.0	0.0	2.6	0.0	1.1	1.1	0.8	0.0	0.9
15	0.0	0.9	0.0	0.7	0.0	1.5	0.5	4.7	50.7	4.9	0.0	1.7	0.2	2.3	0.0	1.0	0.0	2.2	0.0	1.1	0.0	1.0	0.0	0.9
16	0.0	0.9	0.4	0.7	0.0	1.1	18.5	5.0	3.2	8.4	0.0	1.7	0.0	2.2	0.7	0.9	0.0	2.0	0.0	1.0	0.0	0.7	3.8	0.9
17	0.0	0.9	4.3	0.7	14.1	1.2	9.8	6.5	0.0	4.6	2.9	1.7	25.1	2.9	6.0	0.9	0.0	1.8	0.0	0.9	149.0	27.5	25.4	2.3
18	0.0	0.9	1.1	0.6	5.0	1.7	25.5	7.1	0.0	3.9	91.6	13.7	1.0	3.1	86.6	12.2	0.0	1.7	0.0	0.9	13.7	20.0	0.4	1.3
19	0.0	0.9	0.0	0.6	16.4	2.4	0.0	6.8	0.0	3.4	19.0	14.5	0.0	2.4	88.3	32.6	0.0	1.6	0.0	0.9	0.0	5.4	0.0	1.2
20	0.0	0.9	0.0	0.6	0.0	2.0	0.0	5.2	0.0	3.1	0.0	7.4	0.0	2.1	0.0	6.0	2.1	1.7	0.0	0.9	0.0	3.5	0.0	1.1
21	0.3	0.7	12.3	0.7	0.0	1.6	0.0	4.6	0.0	2.9	0.0	5.2	3.8	2.0	0.0	3.7	0.0	1.5	0.0	0.9	0.0	2.7	0.4	1.1
22	0.0	0.6	2.3	1.1	0.0	1.4	0.0	4.1	0.0	2.7	0.0	4.2	0.0	2.0	0.0	3.0	0.0	1.4	0.0	0.9	1.3	2.4	0.0	1.0
23	0.5	0.8	0.0	0.8	7.1	1.5	0.0	3.7	21.3	3.5	0.3	3.7	0.0	1.8	0.0	2.5	0.3	1.3	0.0	0.8	1.0	2.2	0.0	1.0
24	0.4	0.8	0.2	0.7	40.5	2.6	0.0	3.4	0.0	3.0	8.0	3.6	0.0	1.7	0.0	2.3	0.0	1.3	0.0	0.8	0.1	1.9	0.0	0.9
25	0.0	0.8	0.0	0.7	0.0	4.1	24.8	3.6	14.2	2.9	85.3	14.1	0.0	1.6	1.5	2.1	0.0	1.3	0.0	0.8	0.0	1.8	3.0	0.9
26	0.6	0.8	12.1	1.1	0.0	2.5	30.7	10.3	3.4	4.0	11.9	20.7	0.0	1.6	1.0	2.0	6.4	1.4	0.0	0.8	0.0	1.7	0.8	1.0
27	8.8	1.1	0.0	1.0	16.1	2.4	0.0	6.0	4.8	3.3	0.0	10.0	0.0	1.5	1.8	1.9	0.0	1.3	0.0	0.7	6.8	1.8	0.0	0.9
28	0.0	0.9	0.0	0.9	3.0	3.0	7.0	5.0	0.0	2.9	0.4	7.4	14.4	2.0	0.2	1.7	0.0	1.1	0.0	0.7	0.0	1.6	0.0	0.9
29	0.1	1.0			0.0	2.3	31.6	12.3	0.0	2.7	3.5	6.2	0.5	1.7	0.0	1.6	2.7	1.2	0.0	0.7	0.0	1.5	0.0	0.8
30	0.0	0.8			16.6	2.2	0.0	6.9	6.0	2.7	6.7	5.6	0.0	1.5	0.0	1.5	20.7	1.8	0.0	0.7	0.0	1.4	17.4	1.2
31	0.0	0.8			48.0	11.9			0.6	2.7			0.1	1.4	0.0	1.4			0.0	0.7			2.3	1.3
total	13.2	28.6	37.6	20.7	214.8	58.3	266.5	160.4	188.7	145.8	284.6	156.5	61.7	84.2	213.8	94.1	187.7	77.1	42.4	33.6	224.4	90.7	54.1	34.1

SHIRASAKA

1978

unit: mm/day

annual precipitation: 1435.2

annual runoff: 592.3

592.3

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	9.9	1.5	1.4	0.8	6.3	0.8	0.0	0.9	19.7	2.0	0.0	1.2	28.7	3.9	0.0	1.0	0.0	0.6	0.0	2.9	0.0	1.8	0.0	1.1
2	0.0	1.2	0.1	0.8	0.0	0.7	0.0	0.9	4.8	1.9	0.0	1.1	0.1	4.1	1.3	1.0	0.0	0.6	0.0	2.1	0.0	1.5	0.4	1.0
3	1.6	1.2	5.1	0.8	0.0	0.7	19.5	1.1	0.0	1.7	0.0	1.0	0.0	3.2	38.8	2.5	0.0	0.5	0.0	1.9	0.0	1.4	4.5	1.1
4	1.6	1.1	1.3	0.8	0.3	0.7	0.1	1.3	0.0	1.5	22.6	1.1	0.0	2.8	0.0	1.9	10.1	0.6	0.0	1.8	0.0	1.4	0.0	1.0
5	0.0	1.1	6.0	0.8	10.9	1.0	0.0	1.0	0.0	1.4	7.7	2.0	0.0	2.5	0.0	1.6	9.1	1.0	1.4	1.7	0.0	1.3	12.8	1.4
6	0.2	1.0	0.1	0.9	0.0	0.8	13.2	1.0	0.0	1.3	0.0	1.3	0.0	2.3	0.0	1.3	19.2	1.5	34.5	3.1	0.0	1.2	0.0	1.2
7	0.0	1.0	0.0	0.8	0.0	0.7	29.4	4.5	10.1	1.4	0.0	1.1	0.0	2.1	0.0	1.1	0.0	0.9	0.0	2.6	0.0	1.2	0.0	1.1
8	0.0	1.0	0.0	0.8	0.0	0.7	0.2	2.4	4.9	1.6	0.0	1.0	0.0	2.0	0.0	1.1	0.0	0.8	0.0	2.1	1.5	1.2	0.0	1.0
9	0.8	0.9	0.0	0.8	0.0	0.7	0.0	1.9	0.9	1.5	0.0	0.9	15.3	2.5	0.0	1.1	0.0	0.7	0.0	1.9	0.0	1.1	0.0	1.0
10	1.2	0.9	18.5	1.2	0.0	0.7	0.0	1.6	10.3	1.5	0.0	0.9	7.5	2.4	3.9	1.1	0.0	0.7	15.4	2.2	0.0	1.0	0.7	1.0
11	0.0	0.9	0.4	1.6	18.2	1.2	0.0	1.4	7.8	1.9	0.0	0.8	0.0	2.1	0.0	1.0	30.0	2.2	0.0	2.0	0.0	1.1	12.9	1.3
12	0.0	0.9	0.0	1.2	0.5	0.9	15.0	1.6	1.1	1.8	17.4	1.5	7.2	2.0	0.0	0.9	72.8	7.5	0.0	2.1	0.0	1.0	0.0	1.2
13	0.0	0.9	2.3	1.1	1.0	0.8	11.0	1.6	0.0	1.6	7.2	1.2	49.7	5.8	0.0	0.9	21.4	12.8	0.0	1.6	21.1	1.3	0.0	1.0
14	6.6	1.0	0.0	1.0	0.4	0.8	5.0	2.4	0.0	1.4	0.0	1.2	0.0	4.8	0.0	0.8	2.8	4.0	0.0	1.6	3.5	1.6	0.0	1.0
15	0.0	0.9	0.0	1.1	0.2	0.7	0.0	1.7	0.0	1.3	0.0	1.1	3.7	3.3	0.0	0.8	0.1	2.8	0.0	1.6	0.0	1.3	0.0	1.0
16	0.0	0.9	0.0	1.0	0.0	0.7	0.0	1.5	0.0	1.2	19.0	1.4	0.3	2.8	1.9	0.8	74.5	12.4	1.4	1.5	0.0	1.2	0.0	1.0
17	0.0	0.8	0.0	0.8	0.0	0.7	8.9	2.0	0.0	1.2	4.3	1.7	0.0	2.5	1.8	0.8	0.5	12.4	0.0	1.3	0.0	1.1	0.0	0.9
18	0.0	0.8	0.1	0.9	0.0	0.7	0.0	1.6	7.3	1.2	0.2	1.5	0.0	2.2	19.2	1.8	0.0	4.5	0.0	1.3	0.9	1.1	0.0	0.9
19	0.0	0.8	0.0	0.8	0.6	0.7	29.4	2.9	47.7	3.4	1.1	1.2	0.4	2.0	1.0	1.1	0.0	3.2	0.3	1.3	9.7	1.2	0.0	0.9
20	0.1	0.8	0.2	0.8	0.0	0.7	0.0	2.5	0.0	4.8	7.3	1.4	0.0	1.9	2.0	1.0	0.0	2.6	0.0	1.3	0.0	1.2	0.0	0.9
21	0.3	0.8	0.0	0.8	0.0	0.7	0.0	2.0	0.0	2.6	28.9	2.7	0.0	1.7	17.8	1.4	23.8	3.1	0.0	1.2	0.0	1.1	0.0	0.8
22	4.2	0.8	0.3	0.8	19.9	1.1	0.0	1.8	0.0	2.1	2.5	2.5	3.9	1.7	0.0	1.2	0.0	2.7	0.0	1.1	0.0	1.0	0.0	0.8
23	2.9	0.8	0.4	0.8	0.2	0.9	0.0	1.6	0.0	1.9	71.2	8.2	0.0	1.7	0.0	0.9	9.3	2.4	0.0	1.1	0.0	1.0	0.0	0.8
24	0.0	0.8	0.0	0.7	0.0	0.8	0.4	1.6	0.0	1.7	19.4	15.8	0.0	1.5	0.0	0.8	18.1	3.2	0.0	1.1	0.0	0.9	21.9	1.5
25	6.1	1.0	0.4	0.7	0.0	0.8	6.1	1.5	0.0	1.5	6.8	7.1	0.0	1.5	0.0	0.7	0.0	3.0	0.0	1.1	0.0	0.9	0.0	1.1
26	0.0	0.8	0.0	0.7	0.1	0.7	0.0	1.4	0.0	1.5	6.0	5.7	0.9	1.4	0.0	0.7	0.0	2.4	0.0	1.0	0.0	0.9	0.0	1.0
27	10.7	1.0	0.0	0.7	0.0	0.7	0.0	1.3	0.0	1.4	0.0	4.4	0.0	1.3	0.0	0.6	0.0	2.0	0.0	1.0	19.3	1.3	0.0	0.9
28	0.2	1.0	0.0	0.7	14.6	0.8	0.0	1.3	0.0	1.3	2.1	3.8	0.0	1.3	0.0	0.6	0.7	1.8	10.3	1.2	3.3	1.5	0.0	0.9
29	0.0	0.8			13.3	1.9	7.4	1.2	0.0	1.2	0.3	3.3	0.0	1.2	0.0	0.6	6.6	1.9	43.9	2.9	0.0	1.2	0.0	0.9
30	0.1	0.8			0.0	1.2	9.1	1.6	6.9	1.2	0.1	2.9	0.0	1.1	0.0	0.6	27.0	3.6	9.7	4.4	0.0	1.1	0.0	0.8
31	0.0	0.8			0.0	1.0			4.5	1.5			0.0	1.1	0.0	0.6			0.0	2.2			0.0	0.8
total	46.5	29.0	36.6	24.7	86.5	26.0	154.7	51.1	126.0	53.5	224.1	81.0	117.7	72.7	87.7	32.3	326.0	98.4	116.9	56.2	59.3	36.1	53.2	31.3

SHIRASAKA

1979

unit: mm/day

annual precipitation: 1891.3

annual runoff: 1035.5

1035.5

day	January		February		March		April		May		June		July		August		September		October		November		December	
	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff	rain	runoff
1	0.0	0.8	15.6	1.1	0.0	1.8	0.0	4.0	2.2	9.0	0.0	2.1	27.8	25.0	0.0	1.6	0.0	2.1	28.6	7.1	1.8	1.9	0.0	1.3
2	0.0	0.8	3.3	1.3	0.0	1.6	10.0	3.4	0.0	5.6	0.0	2.0	40.3	24.1	3.1	1.5	2.0	1.9	0.0	5.6	0.0	1.8	0.0	1.3
3	0.0	0.8	0.0	1.0	0.0	1.5	11.3	3.4	0.0	4.6	0.0	1.9	40.1	24.4	0.0	1.4	0.2	1.9	1.0	4.0	0.0	1.7	0.0	1.2
4	0.0	0.8	0.0	0.9	0.0	1.4	0.0	3.1	0.0	3.9	0.0	1.8	0.0	12.3	3.4	1.5	0.0	1.7	3.1	3.4	0.0	1.6	0.0	1.2
5	0.0	0.8	0.0	0.8	0.0	1.4	0.0	2.7	0.0	3.6	0.0	1.8	0.0	8.3	3.9	1.6	10.0	2.0	0.6	3.0	6.7	1.8	1.1	1.2
6	0.0	0.7	20.0	1.1	0.0	1.3	8.7	2.7	0.0	3.3	0.0	1.7	0.0	6.3	0.0	1.4	0.0	1.7	0.0	2.6	5.3	1.9	1.9	1.2
7	1.9	0.7	0.0	1.6	0.0	1.2	0.0	2.4	0.0	2.9	0.0	1.7	0.0	5.4	7.5	1.6	6.8	1.6	26.7	3.0	0.0	1.6	0.0	1.2
8	0.0	0.7	0.0	1.2	0.0	1.2	0.3	2.2	66.6	5.7	16.6	2.3	0.0	4.7	5.1	1.8	13.7	2.5	13.3	5.5	0.0	1.6	0.0	1.1
9	0.0	0.7	0.0	1.1	0.0	1.1	33.1	4.9	46.7	35.7	0.0	1.9	1.8	4.3	0.0	1.4	0.0	1.7	0.0	3.4	0.0	1.6	0.0	1.1
10	0.0	0.7	0.0	1.0	0.0	1.1	0.0	3.5	0.0	10.7	0.0	1.7	0.0	3.8	0.0	1.3	0.0	1.6	0.0	2.9	2.9	1.5	1.1	1.1
11	0.0	0.7	15.3	1.4	26.4	2.3	0.0	2.9	0.0	7.2	1.5	1.6	1.0	3.5	0.0	1.2	0.0	1.4	2.8	2.7	12.7	1.9	0.2	1.1
12	0.0	0.7	0.0	1.2	0.0	1.5	0.0	2.6	3.5	6.6	1.5	1.7	2.2	3.5	0.0	1.1	0.0	1.3	0.0	2.4	0.0	1.6	0.0	1.1
13	0.0	0.7	0.0	1.0	1.1	1.4	0.0	2.3	0.0	5.2	0.0	1.5	0.0	3.1	0.0	1.1	0.0	1.3	0.0	2.2	0.0	1.5	0.0	1.0
14	1.0	0.7	1.7	1.0	0.0	1.3	11.5	2.5	18.2	4.9	4.6	1.5	7.0	2.9	5.2	1.1	0.0	1.3	0.0	2.1	0.0	1.4	0.0	1.0
15	0.4	0.7	0.0	1.0	3.7	1.3	0.0	2.3	31.8	8.6	3.0	1.7	1.4	3.0	0.0	1.0	3.3	1.3	0.0	2.0	0.0	1.4	0.0	1.0
16	0.0	0.7	0.4	0.9	0.0	1.2	0.3	2.1	1.6	6.9	0.2	1.5	0.0	2.8	0.0	1.0	0.2	1.3	0.0	1.9	0.0	1.3	0.0	0.9
17	0.0	0.7	0.3	0.9	0.0	1.2	1.9	2.0	6.5	5.5	1.3	1.4	0.5	2.5	0.0	0.9	0.0	1.1	0.0	1.7	0.0	1.3	0.0	0.9
18	4.1	0.7	5.0	1.0	2.1	1.1	0.0	1.9	8.8	5.8	0.0	1.3	41.3	5.2	3.5	1.0	0.0	1.1	0.9	1.7	9.6	1.4	0.0	0.9
19	1.8	0.8	0.0	0.9	0.0	1.1	1.5	1.8	0.0	4.9	0.0	1.3	0.2	4.4	92.8	20.8	1.9	1.1	38.0	2.7	13.2	2.1	0.0	0.9
20	0.0	0.7	0.0	0.8	0.0	1.0	13.1	2.1	0.0	4.6	0.0	1.2	0.0	3.2	2.0	3.3	0.0	1.1	63.6	22.3	0.0	1.5	12.7	1.1
21	0.0	0.7	0.0	0.8	0.0	1.0	3.6	2.1	0.0	3.8	0.0	1.2	0.2	2.9	0.7	2.2	0.0	1.0	0.0	5.5	0.0	1.4	0.0	1.1
22	0.0	0.6	2.3	0.8	2.6	1.0	0.0	1.9	0.0	3.5	1.5	1.2	0.0	2.6	31.9	5.3	0.0	1.0	0.0	4.1	2.8	1.3	11.4	1.3
23	0.0	0.6	21.5	1.1	0.0	1.0	0.0	1.8	0.0	3.3	0.0	1.1	8.5	2.7	50.3	14.4	17.1	1.6	0.0	3.4	14.2	1.6	0.0	1.2
24	0.0	0.6	55.8	11.9	0.0	0.9	0.0	1.7	0.0	3.2	1.0	1.0	0.1	2.4	0.0	5.0	0.0	1.2	5.1	3.2	0.0	1.7	0.3	1.0
25	0.0	0.6	0.0	4.8	50.4	5.1	21.3	2.6	0.0	2.9	0.0	1.0	0.0	2.2	1.7	3.4	39.4	4.1	0.0	2.9	0.0	1.5	0.0	1.0
26	2.6	0.6	0.0	3.0	0.0	2.7	0.0	2.2	0.0	2.7	2.2	1.0	0.0	2.1	0.0	2.7	9.4	2.8	0.0	2.6	4.5	1.5	0.2	1.0
27	0.0	0.6	3.5	2.4	0.0	2.0	67.1	8.8	8.5	2.9	30.8	1.8	0.0	2.0	0.0	2.3	7.0	2.4	0.0	2.4	0.0	1.4	0.0	0.9
28	0.0	0.6	0.3	2.0	0.0	1.7	0.0	10.1	0.5	2.6	65.4	14.6	0.0	1.9	29.5	4.0	18.9	2.4	0.0	2.2	0.4	1.3	0.0	0.9
29	0.0	0.6			0.0	1.6	0.0	5.1	0.0	2.5	59.0	8.1	1.2	1.9	0.0	2.9	24.3	6.1	0.0	2.1	12.3	1.6	0.0	0.9
30	23.6	1.1			11.5	1.7	39.0	6.1	0.0	2.3	60.5	38.5	0.0	1.8	7.9	2.5	19.2	10.7	0.0	2.1	0.0	1.5	0.0	0.9
31	3.4	1.2			48.5	11.5			0.0	2.2			0.0	1.6	0.0	2.4			0.0	1.9			0.0	0.9
total	38.8	22.4	145.0	48.0	146.3	57.2	222.7	97.2	194.9	177.1	249.1	103.1	173.6	176.8	248.5	94.7	173.4	64.3	183.7	114.6	86.4	47.2	28.9	32.9