

三朝温泉地の気候について (第3報)

井上 妙子・森 永 寛

岡山大学温泉研究所 温泉医学部門
岡山大学医学部附属病院三朝分院 内科
(指導: 森 永 寛 教授)

われわれは1956年1月以降, 三朝温泉地の気候要素の観測を行ってきているが, (的場ら, 1966; 井上ら, 1970) 今回は第3報として1969年1月1日から1971年12月31日までの3ヶ年間の気象観測の資料を記述することとした。なお湿度, 日照時間も併せ測定したので付記した。

文 献

井上妙子, 池上忠興, 森永寛 (1970). 三朝温泉地の気候について (第2報), 岡大温研報, 39, 43-59.
的場邦和, 八幡隆昭, 江沢英光, 井上妙子 (1966). 三朝温泉地の気候について, 一過去10年間の集計一. 岡大温研報, 36, 31-36.

ON CLIMATOLOGY IN MISASA SPA (THIRD REPORT)

by Taeko INOUE, and Hiroshi MORINAGA (Director: Prof. H. MORINAGA), *Department of Internal Medicine, Institute for Thermal Spring Research, Okayama University.*

Abstract. Climatological data of the last three years (1969-1971) obtained at the observatory in the Branch Hospital of Okayama University Hospital at Misasa Spa, Tottori-ken, are presented.

Table 1. Daily Atmospheric Temperature (°C) at 9 A. M.

Date	1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15
Year																
January																
1969	1.7	-1.0	-2.1	-2.1	3.9	2.9	0.8	0.9	1.0	0.7	0.6	4.9	1.4	1.0	0.4	-1.9
70	4.7	3.8	4.2	1.3	-2.4	3.8	5.8	0.6	1.5	-0.5	2.3	2.6	2.0	5.4	-1.2	-1.3
71	2.6	3.1	1.7	2.5	1.8	1.0	3.4	3.8	2.5	2.3	2.5	0.5	2.1	6.8	3.4	7.4
February																
1969	7.0	0.6	0.4	1.0	0.5	-0.6	0.9	1.0	3.2	5.6	2.0	5.8	6.7	5.2	10.4	3.3
70	1.0	5.8	1.9	2.0	0.9	0.7	1.7	2.4	-0.5	-1.6	1.4	1.4	2.6	5.7	5.5	3.8
71	-1.6	-1.4	-0.3	0.0	0.7	1.2	0.8	-0.2	0.2	1.3	0.1	1.6	2.0	2.6	2.7	2.8
March																
1969	1.3	1.4	1.4	1.0	3.9	4.4	3.8	1.6	7.3	7.9	3.4	1.9	1.2	1.4	5.6	6.8
70	0.8	0.6	3.8	1.6	0.4	0.4	1.2	2.1	8.2	5.4	2.5	5.2	1.9	2.1	2.5	5.2
71	3.8	3.9	10.9	2.4	3.9	1.5	1.4	2.9	3.8	4.4	3.9	0.7	3.8	5.7	2.9	3.4
April																
1969	8.4	9.0	7.8	12.9	6.0	9.7	10.5	14.0	12.8	9.0	10.0	11.3	19.2	20.6	25.5	15.1
70	6.6	8.3	7.3	8.6	8.2	14.8	16.4	11.5	15.8	12.5	11.0	10.0	7.2	9.0	9.4	15.4
71	16.2	12.0	11.3	13.8	16.8	12.2	11.0	17.7	10.2	9.6	13.1	12.3	16.2	18.7	19.0	11.2
May																
1969	19.0	24.0	22.6	22.8	23.0	13.5	19.2	24.5	26.3	29.0	22.4	20.6	19.5	17.5	25.4	25.8
70	18.5	17.5	17.5	17.5	17.4	18.7	16.8	14.2	14.8	19.8	17.3	17.5	19.0	19.8	23.0	18.6
71	12.9	14.1	13.4	17.8	11.8	12.5	14.8	13.6	18.2	21.1	15.0	23.8	24.8	21.3	15.7	16.7
June																
1969	22.6	25.2	18.5	21.6	20.3	16.1	14.8	17.5	24.3	24.7	20.6	22.3	19.2	23.5	16.4	19.6
70	16.8	17.5	19.2	23.0	18.7	19.5	25.1	25.6	24.2	20.1	21.0	20.3	21.2	20.8	18.5	18.8
71	20.4	22.4	22.3	20.3	20.3	19.6	21.8	25.7	26.1	28.2	22.7	21.4	19.5	20.5	22.1	22.3
July																
1969	23.8	22.2	25.4	24.4	23.1	19.3	20.6	20.4	22.3	22.7	22.4	24.4	23.5	27.3	25.2	28.4
70	23.5	23.7	20.8	23.8	23.5	23.2	26.3	22.5	25.7	23.5	23.7	22.5	22.1	21.9	24.5	25.4
71	23.0	27.4	30.8	27.8	31.7	30.0	29.1	31.3	28.9	27.8	28.8	26.3	25.7	25.4	29.7	29.5
August																
1969	24.7	22.5	29.3	26.2	28.3	31.5	30.4	29.2	30.8	30.5	28.3	31.3	32.0	33.2	30.0	28.5
70	28.5	28.3	28.5	30.6	31.8	31.0	24.0	25.5	26.0	29.6	28.4	29.7	26.6	27.5	26.5	27.6
71	30.5	32.0	30.6	31.7	29.6	27.6	30.8	29.6	30.2	29.2	30.2	29.3	28.4	27.5	29.3	28.0
September																
1969	28.8	27.3	29.7	30.5	30.0	28.8	25.3	22.6	21.7	18.8	26.4	23.1	24.0	23.0	26.3	28.8
70	29.9	31.3	27.4	29.9	24.5	26.4	28.3	29.0	29.7	27.3	28.4	24.4	27.4	22.3	21.9	25.2
71	22.4	22.4	25.7	23.7	20.8	20.3	21.1	24.7	22.4	21.9	22.5	20.6	21.4	23.4	21.8	21.9
October																
1969	20.3	17.0	15.3	14.5	15.2	16.0	15.8	20.2	17.0	14.3	16.6	10.4	10.2	14.4	15.7	19.1
70	18.3	17.9	16.4	19.3	20.0	20.9	19.6	22.0	20.7	18.7	19.4	19.6	20.6	19.4	17.8	17.7
71	17.5	18.3	17.3	18.0	17.2	18.9	13.7	15.6	15.4	21.4	17.3	23.0	11.0	16.4	13.6	16.5
November																
1969	14.8	12.6	12.4	12.3	10.0	10.2	8.9	12.5	10.2	14.5	11.8	9.5	11.5	12.9	12.5	19.9
70	12.6	13.4	13.3	13.2	12.3	11.6	9.0	8.8	12.9	18.0	12.5	9.7	10.6	14.8	12.5	5.2
71	13.8	12.5	12.1	13.6	13.7	14.8	11.9	10.4	8.3	14.2	12.5	9.5	11.1	12.4	13.2	13.7
December																
1969	7.0	10.4	3.0	5.4	2.8	10.5	17.3	8.8	3.6	6.3	7.6	5.0	11.1	0.8	3.1	6.1
70	1.5	7.7	6.8	1.6	6.3	6.1	5.7	4.6	1.7	5.5	4.8	6.8	4.9	6.4	5.2	5.0
71	6.9	7.5	11.5	7.4	8.4	6.7	4.6	4.4	3.3	5.3	6.6	9.0	7.4	2.8	9.8	5.6

16	17	18	19	20	中旬平均	21	22	23	24	25	26	27	28	29	30	31	下旬平均	月平均
-2.7	0.6	4.0	5.6	2.1	1.5	6.3	1.1	3.0	4.0	4.3	4.4	11.5	8.0	4.4	2.4	4.1	4.9	2.4
-1.8	0.6	-0.4	0.1	-3.8	2.2	3.8	1.1	4.8	1.5	1.6	-0.3	1.8	-0.3	-0.5	3.3	2.7	1.8	1.4
5.6	6.3	2.0	4.7	5.4	4.4	9.3	5.9	2.8	6.1	5.7	1.4	-0.2	2.7	0.9	0.2	2.4	3.4	3.4
4.2	6.1	5.9	7.1	3.0	5.8	2.0	1.4	0.3	1.2	0.5	1.5	1.0	0.3				1.0	3.1
1.9	3.7	9.9	7.7	13.2	5.5	6.9	6.2	4.5	1.7	9.4	4.5	5.0	3.5				8.4	4.0
3.6	10.8	3.3	1.5	2.2	3.3	5.5	13.2	9.5	3.8	3.2	5.5	6.8	4.6				6.5	3.1
7.6	1.2	1.1	6.8	11.4	4.5	9.6	3.4	4.6	3.1	8.5	13.2	10.9	9.8	9.5	6.7	6.1	7.8	5.3
7.4	0.4	3.0	0.0	0.4	2.8	1.0	2.5	1.7	5.8	5.6	6.9	8.3	13.6	12.5	11.4	7.7	7.0	4.2
10.0	2.7	5.9	8.7	11.4	5.5	11.4	11.6	6.1	5.7	6.5	13.7	13.7	13.3	17.5	11.7	8.5	10.9	6.9
10.9	7.1	11.8	14.3	17.3	15.3	19.0	17.8	22.0	24.5	15.4	11.4	13.9	17.2	23.4	17.6		18.2	14.5
21.2	17.7	12.1	14.6	13.3	13.0	13.9	10.2	11.3	17.0	14.5	13.5	15.1	13.1	12.2	14.8		13.6	12.5
13.3	10.9	14.2	16.6	17.6	15.0	17.7	16.0	15.2	19.9	14.3	19.7	13.8	17.5	13.6	11.1		15.9	11.7
21.2	15.3	11.6	15.4	18.3	19.1	18.6	23.8	22.5	23.6	17.1	18.9	14.7	14.2	21.1	23.7	17.9	19.6	20.3
19.8	20.4	24.8	23.8	17.2	20.4	21.0	21.5	22.1	21.6	23.4	26.2	25.3	22.1	19.3	19.5	18.4	21.9	19.9
19.8	19.6	20.2	15.9	17.6	19.5	22.0	25.7	20.1	21.7	23.0	27.8	17.7	15.2	19.0	20.1	23.3	21.4	18.7
25.5	22.8	22.9	21.3	24.4	12.8	22.3	23.6	24.1	25.7	24.5	21.4	25.3	26.6	25.1	23.8		24.2	22.2
16.8	17.7	17.5	18.9	22.8	19.3	21.4	20.7	22.1	23.9	19.7	22.7	22.3	25.0	25.2	20.3		22.3	20.9
20.2	26.3	21.8	20.7	20.7	21.6	20.5	24.6	27.9	23.4	27.0	27.4	26.7	29.8	22.0	23.2		25.3	23.2
29.0	29.9	29.6	29.5	26.3	27.3	28.0	31.3	26.7	29.0	30.8	31.5	30.9	31.1	31.7	31.4	22.5	29.5	26.5
25.1	28.1	30.3	28.1	30.7	25.9	30.0	30.3	29.7	29.5	30.8	30.2	31.7	29.3	30.1	30.7	31.2	30.3	26.7
30.9	29.0	25.1	24.1	22.8	26.8	26.3	24.3	22.3	25.3	23.9	24.7	24.5	31.8	30.9	30.6	30.6	26.8	27.5
26.5	28.6	29.6	30.3	27.3	29.7	29.5	30.9	25.8	26.5	23.9	27.7	27.4	27.9	26.5	28.0	28.1	27.5	28.5
28.5	26.9	24.7	28.5	28.6	27.5	23.5	28.0	28.4	29.5	29.1	28.7	28.8	28.6	28.3	28.5	30.3	28.3	28.1
28.3	22.9	22.7	25.5	25.4	26.7	23.7	23.0	23.2	23.9	23.4	26.6	29.3	30.3	27.6	25.3	22.4	25.3	27.3
28.6	20.8	23.3	25.0	24.4	24.7	23.2	23.9	22.4	19.6	20.9	21.5	20.2	16.9	17.5	18.3		20.4	23.8
25.8	27.7	21.5	22.1	23.0	24.1	28.0	23.1	21.6	23.3	19.8	18.7	21.5	20.6	24.8	15.5		21.5	24.7
22.4	20.0	21.1	23.9	20.3	21.7	20.8	21.5	24.9	24.5	26.7	24.6	20.7	20.5	16.2	21.0		22.1	22.1
22.8	18.3	14.4	15.2	17.6	15.8	16.6	17.2	17.7	13.5	14.6	15.9	11.6	11.8	12.3	11.8	11.5	14.0	15.4
15.7	16.9	17.5	17.8	15.6	17.9	14.6	16.0	19.3	24.4	24.8	15.1	11.7	10.6	12.0	10.7	9.3	16.9	17.4
15.5	16.3	18.4	13.7	14.7	15.9	15.5	20.5	17.6	14.4	13.9	14.3	9.7	12.4	11.3	12.3	11.4	13.9	15.7
9.8	10.7	8.2	7.5	6.8	10.9	9.3	7.0	8.2	7.8	4.4	6.7	5.7	8.5	2.8	7.6		6.8	9.9
4.5	5.5	9.4	11.5	15.7	9.9	12.4	8.2	6.4	6.2	5.8	11.8	12.9	8.3	3.1	-0.1		7.5	10.0
9.0	9.8	13.5	10.0	11.5	11.4	11.3	9.5	8.4	8.9	10.4	14.1	16.7	10.2	7.8	4.5		10.2	11.4
5.4	5.2	6.8	0.9	3.4	4.8	0.5	11.3	5.5	2.8	0.9	6.9	1.2	0.9	1.5	2.2	1.2	3.2	5.1
5.6	14.2	9.8	5.5	5.3	6.9	6.9	12.0	5.3	4.8	3.0	1.7	3.6	0.1	5.2	2.6	4.3	4.5	5.3
4.1	8.9	15.4	7.2	7.7	7.8	7.8	6.7	3.6	2.8	6.4	9.2	8.6	4.8	6.8	4.7	8.3	6.4	6.9

Table 2. Daily Maximum Temperature (°C)

Date	1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15
Year																
January																
1969	2.8	2.9	5.4	5.4	5.3	4.1	1.8	5.1	8.1	8.8	4.6	8.9	5.3	7.8	6.2	0.7
70	8.4	7.2	4.5	1.4	0.3	7.3	7.4	6.5	2.3	7.0	5.3	6.8	8.8	5.9	0.5	3.0
71	8.8	7.4	8.6	5.3	1.9	5.2	6.3	5.1	4.2	9.0	6.2	12.5	11.3	10.8	8.3	11.0
February																
1969	7.4	7.6	2.7	4.0	1.1	2.1	6.1	6.9	11.7	16.7	6.6	16.2	18.5	17.5	10.6	5.7
70	5.8	5.9	6.7	6.8	2.6	4.5	10.5	5.8	0.5	2.6	5.2	5.2	10.1	12.8	11.5	4.5
71	3.8	3.4	4.6	4.3	2.2	3.1	3.8	4.4	2.6	3.6	3.6	4.7	5.2	7.6	7.4	7.3
March																
1969	3.8	6.9	6.8	7.6	5.7	9.6	11.0	12.8	13.0	9.1	8.6	4.5	2.8	6.2	9.2	10.6
70	3.3	3.8	5.2	2.8	1.1	3.4	6.9	8.2	11.3	8.4	5.4	5.7	4.3	3.8	8.3	13.3
71	5.2	15.3	10.9	3.9	3.9	4.6	3.1	4.6	14.8	3.8	7.0	4.1	8.8	7.2	4.6	10.0
April																
1969	12.0	12.2	16.4	16.5	11.5	12.6	18.1	17.6	13.1	16.3	14.6	19.2	23.7	29.0	29.6	16.7
70	10.5	13.8	8.6	8.7	14.8	19.5	16.9	18.8	19.7	12.5	14.4	12.6	9.5	9.4	15.4	21.2
71	17.9	12.3	15.7	17.6	21.7	14.9	17.7	20.6	10.3	12.3	16.1	16.2	20.6	22.3	19.2	13.3
May																
1969	24.0	28.3	27.6	26.8	25.1	19.2	24.6	29.2	30.5	31.2	26.7	21.1	22.5	26.6	26.5	28.3
70	23.6	19.9	19.1	19.5	23.5	18.7	19.4	14.9	20.6	24.8	20.4	19.0	19.8	23.0	23.2	19.8
71	19.5	22.7	20.1	18.5	13.8	17.3	18.8	20.1	21.1	25.7	19.8	26.7	25.5	23.9	17.8	23.5
June																
1969	27.9	30.7	23.0	24.6	24.4	16.2	23.0	24.6	27.2	27.7	24.9	26.7	23.5	25.8	20.3	26.8
70	17.5	19.2	24.4	23.6	22.8	25.1	26.7	29.3	26.7	23.0	23.8	22.4	23.5	23.6	19.4	18.8
71	24.5	24.3	23.9	20.4	21.4	26.0	25.7	27.7	28.2	30.2	25.2	22.0	20.5	24.8	23.3	24.4
July																
1969	26.4	25.4	27.8	25.3	23.1	23.8	21.9	24.4	24.8	24.4	24.7	26.4	28.5	30.8	30.2	33.3
70	25.3	26.7	26.4	29.8	28.4	27.4	29.3	25.7	26.2	28.2	27.3	26.9	27.6	28.3	28.4	29.5
71	27.0	30.8	23.9	31.3	30.8	33.7	32.0	33.6	30.2	30.1	31.2	33.7	30.3	31.4	30.1	32.8
August																
1969	28.8	32.3	33.9	30.4	33.9	33.9	34.2	33.4	33.7	33.8	32.7	33.7	35.3	36.0	32.6	32.0
70	30.9	30.8	30.7	33.0	32.5	32.0	27.0	29.0	30.3	31.8	30.8	31.5	29.9	30.4	29.4	29.6
71	33.2	34.8	32.4	31.8	30.7	30.8	32.9	32.1	33.6	32.2	32.5	32.8	30.5	30.4	34.1	32.4
September																
1969	32.3	32.6	33.1	33.5	32.7	31.9	28.4	24.8	28.2	21.3	30.1	26.5	25.5	28.8	29.1	23.9
70	33.6	33.5	31.0	32.8	30.8	30.5	30.1	23.9	32.7	28.1	31.6	27.4	31.2	28.4	27.8	27.6
71	22.7	25.7	28.8	30.1	22.6	21.1	24.7	25.5	24.8	24.7	25.1	23.6	24.7	25.4	24.8	24.5
October																
1969	22.5	20.0	19.4	19.3	18.6	18.4	20.2	22.2	19.8	17.3	19.8	10.8	16.2	19.8	21.2	25.9
70	20.4	20.0	21.2	20.9	23.1	23.4	24.8	27.8	26.5	23.2	23.1	21.4	22.3	22.2	22.1	22.6
71	18.3	22.1	22.2	22.6	21.1	20.0	19.8	19.9	22.0	23.5	21.2	25.0	16.4	16.4	16.5	18.6
November																
1969	23.3	19.6	18.4	15.6	10.7	16.0	16.2	18.9	19.2	15.8	17.4	15.0	19.2	22.4	21.6	20.7
70	13.7	16.4	18.5	19.5	17.7	15.8	12.7	16.7	19.2	19.8	17.0	10.6	16.2	18.1	14.4	5.6
71	18.6	21.1	20.9	20.2	18.4	16.1	16.1	11.6	14.2	17.6	17.5	17.1	17.6	20.6	18.3	14.2
December																
1969	12.6	13.5	5.4	7.4	13.2	17.3	17.5	9.6	6.2	7.4	11.0	11.3	10.5	4.4	6.1	6.7
70	7.7	8.8	6.8	7.5	9.5	8.8	12.6	5.3	5.7	9.9	8.3	11.8	14.2	13.4	6.7	10.6
71	8.3	13.2	11.8	15.1	12.1	6.9	5.6	7.4	8.3	11.2	10.0	14.2	7.7	9.8	13.8	7.8

16	17	18	19	20	中旬 平均	21	22	23	24	25	26	27	28	29	30	31	下旬 平均	月 均平
5.7	9.2	9.5	12.1	12.9	7.8	7.0	9.1	16.2	4.5	7.5	18.4	12.0	8.3	5.3	6.5	9.1	9.4	7.3
0.7	2.6	3.1	5.3	7.5	4.4	4.8	7.5	7.6	5.4	4.8	4.1	5.9	7.3	9.8	4.6	2.9	8.2	5.2
6.3	7.9	10.5	9.5	9.3	9.7	11.1	5.9	6.1	6.8	6.8	4.8	3.8	5.1	5.5	3.7	4.6	5.8	7.2
6.1	11.9	10.9	10.7	4.0	11.2	5.9	5.7	5.2	3.8	3.2	3.8	7.7	2.6				4.7	7.7
9.3	12.3	15.3	15.2	17.4	11.4	8.3	8.5	4.7	9.5	9.6	7.6	5.7	9.8				7.9	8.2
10.8	12.7	5.4	2.7	8.1	7.2	13.2	13.3	9.6	4.3	6.3	11.3	11.8	7.2				9.6	6.6
11.9	4.9	10.6	13.9	18.8	9.3	10.0	9.5	10.2	13.2	20.3	21.3	21.1	13.8	12.0	10.6	9.7	13.8	10.7
7.4	3.1	7.6	2.4	2.8	5.9	5.8	6.2	5.8	7.1	6.9	9.1	15.5	19.6	19.3	11.6	14.5	11.0	7.6
10.1	9.2	12.9	13.3	16.2	9.6	18.1	11.7	6.9	6.5	13.7	16.6	14.9	20.2	17.7	11.8	16.2	14.0	10.3
11.1	11.8	16.9	22.5	24.1	20.5	20.9	22.0	27.5	29.1	15.7	15.7	18.3	24.2	24.2	20.8		21.8	19.0
22.2	19.3	16.1	18.5	13.9	15.8	15.2	12.1	17.0	21.3	20.6	16.3	16.6	15.8	15.4	18.5		16.9	15.7
17.2	14.2	16.6	17.9	20.6	17.8	21.5	19.7	19.9	20.1	19.7	21.7	19.5	17.8	15.4	12.9		18.8	17.6
21.2	18.7	24.3	18.3	20.3	22.8	23.8	26.3	23.6	25.0	19.2	21.5	19.7	21.1	24.8	27.0	22.6	23.1	24.2
23.7	24.8	27.5	25.6	21.0	22.7	21.8	26.8	24.4	25.8	26.2	29.1	26.7	23.1	21.8	24.7	22.9	24.8	22.7
24.7	20.6	22.9	18.5	22.7	22.7	28.5	27.5	20.8	24.3	27.8	28.3	24.6	21.5	24.5	28.2	25.3	25.6	22.8
27.3	24.9	26.2	24.4	27.4	25.3	27.9	27.4	25.7	29.6	25.8	25.3	27.4	30.8	26.3	26.6		27.3	25.8
19.3	19.8	19.4	22.8	24.2	21.3	23.8	24.6	26.4	24.4	22.7	23.4	25.0	27.4	26.5	25.2		24.9	23.4
26.3	28.8	22.8	22.6	21.9	23.7	24.6	27.9	27.9	29.7	28.6	28.9	29.8	29.8	23.2	26.8		27.7	25.6
33.6	34.2	34.4	33.1	32.7	31.7	32.4	32.6	30.0	32.2	32.6	33.4	34.3	33.5	34.1	34.7	26.8	32.4	29.7
29.7	30.3	32.7	30.7	32.4	29.7	31.7	31.8	32.2	31.2	33.2	32.5	32.5	32.9	33.4	33.1	31.6	32.4	29.9
33.5	29.9	28.1	25.2	26.3	30.1	27.6	25.8	25.3	28.9	28.1	26.8	31.8	33.2	34.2	32.7	31.6	29.6	30.3
30.3	32.3	33.3	33.0	31.9	33.0	33.8	33.5	32.0	31.4	27.8	31.7	29.0	29.8	29.5	29.7	31.5	30.9	32.2
29.7	28.8	29.6	30.6	31.4	30.1	28.9	30.6	33.4	32.4	31.8	31.5	33.7	32.7	31.4	31.9	33.2	32.0	31.0
27.6	24.4	25.5	26.7	25.6	29.0	23.8	24.6	27.7	24.9	26.6	29.3	31.4	33.1	31.8	25.8	23.7	27.5	29.6
28.7	24.4	26.6	28.8	28.6	28.0	30.2	26.5	24.2	20.9	26.7	21.6	24.6	23.7	21.3	20.7		24.0	27.4
28.2	30.3	22.9	23.2	28.0	27.5	28.8	22.9	23.5	25.7	21.3	23.2	23.6	25.5	25.3	19.3		23.9	27.7
25.1	21.1	24.0	26.6	20.8	24.1	21.5	24.9	28.6	30.6	29.8	25.0	25.3	22.4	21.7	22.8		25.3	24.8
24.9	22.1	20.4	21.7	21.8	20.5	22.4	21.5	18.7	19.5	16.7	20.4	12.9	19.8	19.7	19.9	21.5	19.4	19.9
19.8	20.9	21.5	18.4	16.8	20.8	20.2	24.6	26.7	25.7	27.2	15.6	12.9	16.6	14.8	10.9	14.0	19.0	20.9
22.8	19.8	19.7	18.9	18.1	19.2	20.5	22.8	20.6	20.2	18.6	16.1	13.2	16.5	15.6	14.4	13.8	17.5	19.2
13.7	12.8	10.1	13.2	10.7	15.9	11.9	12.5	14.2	10.9	7.2	10.6	12.9	8.8	13.7	9.3		11.2	14.8
9.3	15.2	18.0	17.2	17.1	14.2	16.8	8.5	6.8	8.6	11.8	16.4	13.1	11.2	3.4	2.4		9.9	13.7
10.0	13.5	15.3	15.1	17.2	15.9	17.8	12.5	12.7	13.2	15.9	16.9	18.9	17.2	9.5	7.4		14.2	15.9
6.2	7.2	6.8	3.6	10.8	7.4	11.3	15.4	7.7	7.4	12.2	7.2	4.2	2.8	4.9	3.5	9.1	7.8	8.7
15.8	15.7	10.7	7.3	6.9	11.3	12.8	12.2	7.7	7.8	3.2	5.4	3.9	9.8	6.4	6.8	5.2	7.4	8.9
9.8	15.4	18.3	10.5	12.2	12.0	9.3	6.8	8.3	10.2	12.8	10.2	8.7	9.2	10.9	8.5	14.5	9.9	10.6

Table 3. Daily Minimum Temperature (°C)

Date	1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15
Year																
January																
1969	-0.8	-4.3	-4.8	-4.8	-2.7	-1.3	-1.5	-1.7	-0.2	-3.5	-2.6	0.0	0.6	0.3	-1.1	-2.5
70	-2.0	-0.3	-0.8	-0.9	-4.6	-5.2	-2.8	-2.4	-0.4	-2.8	-2.2	-1.4	-1.7	-1.6	-2.3	-4.8
71	1.1	1.8	-1.7	-1.4	-3.6	-1.4	0.1	1.6	0.4	0.3	-0.3	-2.4	-0.5	1.5	2.3	-3.3
February																
1969	3.8	-0.8	0.3	-1.8	0.3	-3.3	-4.0	-0.4	-1.3	-1.0	-0.8	-1.1	0.2	0.9	4.8	1.8
70	-0.6	1.6	-1.2	-2.6	-2.8	-1.5	3.6	-1.4	-2.3	-4.2	-1.9	-3.4	-2.8	-3.6	2.5	-0.5
71	-3.9	-7.4	-3.8	-1.3	-3.7	-0.8	-4.0	-3.0	-2.1	-1.5	-3.2	-3.7	-2.4	-2.8	-0.5	1.2
March																
1969	-2.1	-1.7	-0.9	-1.8	0.7	-2.0	-0.5	-2.1	0.9	-0.7	-1.0	0.0	-0.2	-0.6	-2.1	0.6
70	-1.4	-1.2	-0.6	0.5	-1.7	-2.7	-1.5	-3.5	-3.4	3.0	-1.3	0.8	-1.7	0.4	0.2	-1.7
71	0.2	-1.1	3.0	1.1	0.2	-0.5	-1.6	-1.7	-3.0	-3.9	-0.7	-2.8	2.9	-1.2	-0.5	-3.2
April																
1969	1.4	2.0	1.3	7.2	2.6	-0.5	3.4	3.6	5.1	2.3	2.8	4.6	3.3	10.5	11.8	14.0
70	-0.4	-1.1	5.2	6.4	0.6	-0.5	8.2	-0.1	4.0	8.5	3.1	8.5	5.6	4.2	-0.4	-0.5
71	7.2	4.0	0.1	3.4	-0.5	9.5	2.2	6.2	8.9	1.3	4.2	0.4	0.5	4.3	7.0	9.1
May																
1969	5.7	7.2	9.6	11.1	10.7	10.1	1.5	9.5	10.3	11.4	8.7	9.5	6.7	13.4	15.0	16.1
70	3.5	12.1	15.2	14.4	13.7	13.9	4.9	13.6	13.3	12.3	12.7	12.8	9.0	9.3	5.6	5.5
71	8.2	7.3	10.1	9.5	7.5	6.6	5.4	8.2	2.5	5.6	7.1	11.1	11.8	16.6	12.2	15.5
June																
1969	9.0	13.8	17.8	10.4	9.3	14.9	11.6	2.5	11.2	9.8	11.0	9.7	17.0	13.0	15.5	10.3
70	10.4	12.2	10.2	13.2	16.1	15.5	10.8	11.2	11.4	17.1	12.8	18.1	17.3	17.6	16.8	17.2
71	14.3	12.6	16.4	19.0	9.9	11.6	11.5	11.1	16.8	18.3	14.2	20.5	19.0	14.2	16.5	17.9
July																
1969	20.7	21.5	14.2	15.7	21.3	17.3	16.8	19.3	19.3	16.4	18.3	17.6	18.3	20.7	16.3	19.5
70	19.8	18.8	15.8	19.8	21.4	20.3	16.8	19.8	22.4	18.8	19.4	21.2	21.3	20.2	20.8	20.6
71	20.8	21.7	24.5	23.0	23.8	22.7	24.0	24.1	24.6	19.8	22.9	22.5	23.8	22.5	22.9	20.5
August																
1969	21.5	23.1	24.8	24.3	22.9	22.9	23.2	24.0	21.9	21.4	23.0	23.4	21.7	19.9	23.3	21.5
70	24.0	24.4	22.6	21.1	22.7	23.0	23.5	21.0	22.0	22.2	22.7	21.1	21.2	18.9	20.1	23.8
71	22.1	20.4	22.7	25.5	27.4	26.7	22.8	20.8	21.4	22.1	23.2	22.9	26.1	20.4	20.3	20.1
September																
1969	20.0	21.7	20.7	22.3	21.4	20.9	21.4	17.7	12.7	18.3	19.8	18.4	14.0	13.2	17.6	18.1
70	25.3	25.9	23.9	20.9	22.9	22.5	23.0	20.8	20.8	23.3	22.9	20.2	16.5	18.2	18.6	19.1
71	20.4	16.0	14.6	19.5	20.5	19.9	18.3	18.2	16.5	19.7	18.4	18.9	14.7	12.9	14.5	12.5
October																
1969	15.4	14.9	9.4	10.0	9.6	10.3	8.0	9.5	10.5	5.8	10.3	3.6	4.2	6.7	6.8	11.2
70	10.2	11.2	10.2	11.0	9.8	14.8	10.2	12.7	15.5	17.3	12.3	17.8	17.3	18.2	13.9	10.1
71	13.9	15.2	12.0	11.9	13.6	12.8	7.3	8.2	7.8	10.4	11.3	12.1	7.5	9.8	11.2	10.8
November																
1969	5.7	5.4	6.4	5.1	4.6	5.6	1.3	5.2	4.3	6.1	5.0	3.7	2.2	4.7	7.1	10.0
70	4.8	5.5	7.4	5.0	8.8	7.3	5.8	3.3	5.1	5.1	5.8	7.5	3.2	5.6	10.4	3.4
71	6.7	3.7	3.5	5.7	8.8	10.2	10.2	7.3	5.1	5.8	6.7	5.1	3.9	5.5	6.1	6.3
December																
1969	4.5	1.1	-0.6	0.8	-2.5	0.5	8.8	7.4	-0.8	-1.0	1.8	-1.0	0.5	-0.8	-1.3	-0.5
70	-1.0	-0.9	3.1	0.8	0.6	1.6	1.2	3.5	0.2	-0.2	0.9	2.2	-0.2	2.4	0.3	-1.8
71	1.5	0.1	6.7	4.4	-0.1	4.4	-0.5	0.2	-2.8	0.8	1.5	-1.3	4.8	0.3	-1.8	3.8

16	17	18	19	20	中旬 平均	21	22	23	24	25	26	27	28	29	30	31	下旬 平均	月 平均
-4.9	-3.8	-3.9	0.5	-1.6	-1.6	0.9	-0.6	-1.7	2.0	0.9	0.8	3.8	7.6	3.8	0.5	1.9	1.8	-0.7
-3.3	-4.8	-2.6	-2.3	-9.3	-3.4	-4.5	-0.5	-2.6	-0.8	1.1	-5.3	-2.2	-5.6	-6.3	-2.5	1.4	-2.5	-2.7
2.6	3.2	0.1	0.8	3.6	0.8	4.4	4.2	0.8	-0.6	-1.3	0.3	-3.0	-1.3	-3.8	-2.2	-3.8	-0.6	0
1.3	0.4	4.5	5.4	2.8	2.1	0.5	-0.8	-1.5	0.4	-0.4	-0.3	-0.4	-0.7				-0.4	0.3
-4.1	-2.2	-0.2	2.8	3.5	-0.8	5.7	0.9	0.6	-1.7	1.4	1.5	4.4	0.6				1.7	-0.5
-1.5	2.2	0.5	-0.1	0.2	-0.7	-3.6	3.3	4.2	2.4	-1.7	1.9	3.6	2.1				1.5	-0.9
2.1	0.6	-1.8	0.5	3.2	0.3	9.4	-0.5	0.3	-2.5	-0.1	4.9	5.6	7.7	5.6	3.8	3.6	3.4	1.0
5.5	0.0	-2.2	-0.7	-1.1	-0.1	-1.5	-1.9	-1.6	-2.2	1.9	-1.5	-2.4	1.4	-0.8	3.5	-3.4	0.8	-0.7
-2.4	0.4	-2.3	1.4	0.5	-0.7	0.3	4.8	3.9	1.2	-3.7	2.3	5.8	0.5	0.6	10.1	3.8	2.7	0.5
8.6	4.7	3.5	2.3	3.1	6.6	12.6	17.4	4.4	11.9	13.3	9.9	8.2	3.1	9.6	14.3		10.5	6.7
8.8	12.0	11.3	11.5	9.6	7.1	7.4	6.7	2.9	6.7	11.5	12.4	14.2	8.1	8.4	8.2		8.7	6.3
8.7	9.2	2.4	0.1	3.6	4.5	3.1	11.0	7.8	5.7	2.4	5.3	1.2	2.6	10.1	7.2		5.6	4.8
18.4	14.8	5.6	5.6	5.0	11.0	4.0	9.0	10.0	12.9	15.9	7.7	11.3	13.6	7.5	13.3	10.5	10.5	10.1
7.1	11.3	7.6	11.5	15.4	9.5	10.2	6.8	10.9	12.5	13.9	21.3	18.1	11.2	10.2	7.9	13.8	12.4	11.6
9.7	10.2	18.5	13.0	9.8	12.8	7.4	9.8	10.4	12.8	15.6	10.2	15.9	14.1	14.5	14.6	13.1	12.6	10.9
19.8	17.0	17.8	17.3	15.5	15.0	17.0	16.0	14.6	13.0	16.7	20.6	16.9	15.8	23.5	18.3		17.2	14.4
15.2	16.1	14.7	16.6	15.7	16.5	16.5	15.9	15.4	15.8	17.9	15.8	17.3	15.2	14.3	19.2		16.3	15.2
19.0	14.5	16.7	12.9	17.4	16.9	15.3	15.2	15.9	17.5	16.8	17.3	18.5	20.7	20.0	18.8		17.6	16.2
20.9	21.5	21.3	20.9	19.4	19.6	18.3	21.0	23.7	22.5	20.6	22.4	22.7	22.5	22.8	23.2	20.8	21.9	20.0
21.6	22.7	23.1	21.5	20.6	21.4	22.3	20.8	23.5	23.5	22.9	20.9	21.8	22.4	22.3	23.5	24.9	20.6	21.2
23.3	21.2	20.2	19.3	18.3	21.5	18.4	22.5	20.6	21.6	19.7	21.4	22.8	22.9	23.3	23.3	23.1	21.8	22.0
16.5	17.1	18.8	20.8	22.0	20.5	21.3	22.8	21.6	21.4	19.2	17.6	20.5	18.4	16.0	16.7	21.7	19.7	21.1
20.9	20.8	21.8	20.8	20.2	21.0	21.9	23.2	22.8	21.9	19.5	19.2	19.3	20.8	20.5	21.3	20.7	21.0	21.5
21.8	18.7	17.3	18.7	22.1	20.8	21.3	21.1	20.7	21.3	21.5	18.2	22.4	20.3	20.5	21.5	20.5	20.8	21.6
23.9	19.3	17.5	15.3	15.7	17.3	15.4	16.6	20.1	18.0	16.0	19.9	11.6	12.0	15.6	12.9		15.8	17.6
19.5	19.8	20.2	19.5	13.4	18.5	20.1	20.5	17.3	18.3	15.8	16.2	13.5	12.6	19.4	13.5		16.7	19.4
14.7	16.7	17.6	18.7	18.6	16.0	17.3	18.8	18.4	17.7	19.4	22.1	17.0	14.6	11.4	11.3		16.8	17.0
15.9	12.0	6.0	10.4	6.7	8.4	14.2	11.4	13.8	7.9	12.0	11.3	9.7	2.9	4.4	3.2	3.5	8.6	9.1
9.8	14.5	13.4	12.3	9.5	13.7	3.9	4.5	9.6	15.8	14.3	8.5	7.5	4.5	5.2	3.8	5.8	7.6	11.1
5.3	10.5	9.7	12.3	10.6	10.0	6.5	8.7	15.9	9.5	8.8	10.5	4.7	4.5	5.7	9.8	7.2	8.3	9.8
9.5	8.2	5.7	1.5	1.2	5.4	5.6	2.9	2.0	3.4	0.6	0.7	-1.0	0.7	-1.8	1.8		1.5	3.9
0.6	-0.1	3.3	7.8	10.5	5.2	7.3	3.9	2.1	2.4	-0.2	11.5	11.8	5.7	1.2	-2.2		4.4	5.1
7.4	7.7	7.2	4.2	4.7	5.8	5.4	3.3	6.6	1.5	5.6	1.3	6.2	7.2	5.9	0.5		4.4	5.6
1.2	-0.4	1.3	-1.5	-0.3	-0.2	-3.3	1.6	3.8	-2.1	-2.7	0.2	0.4	-1.5	0.2	1.4	-4.1	-0.6	0.3
0.1	2.3	4.4	3.8	-1.4	1.2	2.8	0.7	4.0	0.5	1.0	0.9	0.4	-4.5	-0.9	-3.2	1.4	0.1	0.7
0.2	0.4	0.5	3.5	3.4	1.4	1.6	2.5	1.1	0.4	1.3	5.3	5.0	3.6	-2.2	3.4	3.2	2.3	1.7

Table 4. Daily Amount of Precipitation (mm)

Date	1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15
Year																
January																
1969	3	4	16		2	7	7	2		3	44	30	25	5	10	25
70	3		11	3	18			9	7	2	53			4	9	36
71		3	4	8	3		1	13	1		33			3	6	2
February																
1969	19	14	2	15	7	5	3				65			4	27	5
70	10	4		9	6	2		4	13	11	59				5	11
71	1		59	23	17	8	20	7	21	18	174	6	4	8		
March																
1969	2	4	5	12	1					5	29	10	34	2	2	
70	18	1	9	23	6	9			2		68	13		2		8
71		6	7	11	8	4	1		1	13	51			10	3	
April																
1969			2	14				2			18				4	11
70		7	5							17	29	10	3			
71					7			20			27				5	
May																
1969					1					3	4					1
70		3	4			21	13	6	9		56	1				
71			3	9		7	20				39			7		
June																
1969		12	7		4	6					29	19	3	12		
70	1			11					2	13	27	4		4	84	79
71			12	13						16	41	56	8		3	4
July																
1969	12	1		18	7	2	39	22	8	6	115		9			
70	1		3		48		2		1		55	2	8	15	40	5
71	24		2		4			3			33	14	8			
August																
1969	27	1	3	17							48					
70						45	11				56				16	17
71					4	2		1			7					
September																
1969						34	15		30	19	98				1	
70		2		4	3					27	36		12	4	10	36
71	12			2	88	39	2		3	75	221	21				
October																
1969	3				9			5		2	19	85				
70				4	5				2	14	25	2	35	12		
71	8	8	2	2	9	1	1				31		1	4	5	
November																
1969		5		17	14		2			2	40				1	6
70				2		27	10			4	43		5		57	86
71						15	59	3		1	78					3
December																
1969						2	21				23		6			1
70	13	16	4	11				17		1	62		6			
71	3	4	1		2				3		13	3	4	3	2	10

16	17	18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月総計
27	6	5		10	105	4		7	1	8	6	3	27	30	11	21	118	267
1				4	87	8	5	2	5		7			3	89	6	125	265
					16	22	5	3		7	4					20	61	110
8	8	4	38	40	134	6	8	6	13	19	3	6	10				71	270
		4	10	12	28			1	30	8	8	3	17				67	154
					32	5	5	8	5		1	6					30	236
12	16	3	3		82	26								23			49	160
9	17	13	7	10	79		11	1	4	6							22	169
21		1			35		2				3			10	10	5	30	116
69	4				88				6	22	3			7			38	144
2	56	3	1	17	92				7								7	128
26	13				44	1								5	12	3	21	92
34	6	14			55		1		26		1	1	7		15		51	110
			3	20	24					3						34	37	117
			1	2	10						11	9	2			2	24	73
2	2	28	18	5	39		62			9	29		3	13	8		124	192
4			2	8	221	2			7	6				20	6		41	289
					85	1					8	12	26	2	28		77	203
					9						1				33	49	83	207
	22				92							2					2	149
20	2	8	1		53		17	50	12	52	50						181	267
1	5	10		8	57	80	12	6			4	1	3				26	74
16				3	19	6	7	15	4					2	145	34	213	193
																		239
5	3				9		3	17	15	11	6		2		32		86	193
	19	2			83	15	6	4		13	1			7			46	165
5	37		4	1	68	4		28			5			2	1		40	329
6					91		1		32	14	9	17					73	183
17		2	3	3	74					29	19	1	1		27	1	78	177
	16				26		6	4	2	4	4	5		24	6	8	59	116
33	5			26	71	1	16		5	2	6	2	3	1			36	147
1		2	24		175		19	48	1	9	16	5	1	16	4		119	337
1		4			8	6	10							5	2		23	109
		5			12		10	3	2	14	23	8					60	95
	1	3		4	14	1	17		4	10	23	4			1	7	67	143
			2		24		1	7		1	22	63	2		13		109	146

Table 5. Wind Direction at 9 A. M.

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Year																	
January																	
1969					NE									NW			
70							W										
71																	NE
February																	
1969																	
70		W			W		E		NW								
71																	
March																	
1969																	
70					W				W		SW					SW	
71			W	W		NW	NW		W	W		W			E		
April																	
1969						SW		SE	SW			W		SW			
70					E		SE						E		SE	SW	SW
71		W	E			NW	W	SW			NW	W	W		E	W	
May																	
1969	W								W								
70	SW					SW											
71			SW		E	SW	SE	SE	W		W	S	W				W
June																	
1969																	
70		NE	W	SW		W				SE							NE
71		W		NE						W							
July																	
1969								SW	NW	SW						SE	
70									SE	W							NW
71	SE	E	W		SE				SE	W	W		W	E			
August																	
1969											SW						
70				W											E		
71			E	SE	SE	S	S		SW		S		W				SW
September																	
1969			SW												SE		
70	SW																NE
71	W		S				NW					W					
October																	
1969																	
70																	
71	S	NE				SE	W				W		NE				
November																	
1969										NW					SE		
70										SE	SW		E				
71					W		NE										
December																	
1969				NW						NW					W		
70		SW	W								NE						S
71						SW	NW				E	SW		S		NE	W

Table 6. Wind Speed at 9 A. M.

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Year															
January															
1969					2										
70							1						3		
71															
February															
1969															
70		1			1		2		3						
71															
March															
1969															
70					10				4		2		4		
71			3	3		2	3		2	2					1
April															
1969				3				3	2			3		3	
70							3						2		1
71		2	3		4		1	4			1	3	2		2
May															
1969	3							3							
70	3														
71				2		3	2	3	3	3	3	1	2		
June															
1969															
70		3	3	2		1				2					
71		2		2						2					
July															
1969								3	3	4					2
70															2
71	2	1	4		3			3	3	1					
August															
1969											2				
70				3											4
71			2	4	5	3	1		2		4			2	
September															
1969			2												3
70	2											3			
71	1		2				1								
October															
1969															
70															
71	1	1				1	2				3		3		
November															
1969										4					3
70										1			2		
71						2		3							
December															
1969		2		5						2					3
70		2		4							2				
71							3	3			2	4		4	

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	月平均
	3								3			3		2	2	0.1 0.2 0.4
			2	2												0.4
3 3			3		2	3		2	3						1	0.2 0.8 1.0
2 1	4	2 2			2						3		1	3	3	0.8 0.6 1.2
	3		2				1		4	5	2	2			2	0.3 0.6 1.0
	1								2					1	2	0.1 0.6 0.2
3	3	4		1		1	2	1							3	0.2 0.7 0.9
	1	1	1	2	3					1		2	3		1	0.1 0.5 0.9
	2		1		2										2	0.2 0.4 0.4
						1	2		3	1				1		0.2 0.5
		4		2					3			2				0.5 0.3 0.8
	3				1				1	4	2		4	5		
2	2 1	1 6				3										0.4 0.5 0.9

Table 7. Amount of Cloud at 9° A. M.

Date	1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15
Year																
January																
1969	7	10	0	10	10	6	7	10	10	10	8.0	10	10	10	10	10
70	10	10	10	10	10	10	10	10	10	0	9.0	10	10	10	10	10
71	0	10	0	0	10	10	10	10	10	8	6.8	7	10	0	10	0
February																
1969	10	10	10	10	10	10	7	10	10	10	9.7	10	0	4	10	10
70	10	10	3	3	5	10	10	10	10	10	8.1	10	10	0	10	10
71	10	0	10	10	10	10	10	10	10	10	9.0	10	10	10	4	10
March																
1969	10	10	10	10	10	5	10	0	6	10	8.1	10	10	10	10	0
70	10	10	10	10	10	10	10	10	10	10	10.0	10	10	10	10	10
71	10	10	10	10	6	10	10	10	10	8	9.4	10	4	9	10	6
April																
1969	10	4	10	10	10	3	0	10	7	10	7.4	5	0	0	10	10
70	10	3	10	10	10	0	10	4	10	10	7.7	10	7	10	0	0
71	0	10	0	10	0	10	0	10	10	6	5.6	5	0	10	10	10
May																
1969	0	0	0	0	0	10	0	0	0	0	1.0	10	0	10	0	10
70	0	10	10	10	10	10	10	10	10	0	8.0	10	3	4	0	0
71	10	10	10	10	10	10	10	10	0	0	8.0	0	0	10	10	10
June																
1969	0	10	10	0	10	10	10	0	0	0	5.0	10	10	6	10	0
70	10	10	10	10	10	10	0	0	10	10	8.0	10	10	10	10	10
71	10	10	10	10	10	0	0	0	0	0	5.0	10	10	4	10	10
July																
1969	10	10	0	10	10	10	10	10	10	6	8.6	10	10	10	7	10
70	10	7	10	10	10	10	10	10	8	10	9.5	10	10	10	10	10
71	10	10	0	5	4	7	10	0	7	10	6.3	10	10	10	5	3
August																
1969	10	10	10	10	10	6	10	10	0	3	7.9	6	0	0	4	4
70	10	10	10	10	1	1	10	9	10	0	7.1	0	10	0	10	10
71	10	0	3	10	10	10	10	5	4	10	7.2	10	10	10	0	7
September																
1969	1	10	10	10	0	0	0	7	7	10	5.5	10	7	0	3	10
70	0	4	10	0	10	10	10	0	0	10	5.4	10	8	10	10	10
71	10	10	10	10	10	10	10	6	7	10	9.3	10	10	2	10	5
October																
1969	10	10	10	10	10	10	6	10	7	10	9.3	10	6	7	7	10
70	10	10	10	10	0	6	0	0	10	10	6.6	10	10	10	10	5
71	10	10	10	10	10	6	10	2	10	0	7.8	0	10	10	10	7
November																
1969	0	10	10	6	10	6	7	0	0	10	5.9	10	7	0	10	10
70	10	0	10	0	10	10	10	10	0	10	7.0	10	0	10	10	10
71	1	0	0	8	0	10	10	10	10	1	5.0	7	0	0	10	10
December																
1969	10	3	10	10	0	0	10	10	10	10	7.3	0	10	10	10	10
70	10	10	10	10	10	10	0	10	10	10	9.0	5	10	10	10	10
71	10	0	10	6	7	10	3	8	3	7	6.4	10	4	10	5	10

16	17	18	19	20	中旬 平均	21	22	23	24	25	26	27	28	29	30	31	下旬 平均	月 平均
0	10	10	0	0	7.0	10	10	4	10	10	10	10	10	10	10	10	9.4	8.2
10	10	10	10	0	9.0	10	10	10	10	10	10	10	0	0	10	10	8.2	8.7
10	10	10	10	10	7.7	10	10	10	10	10	10	10	10	10	10	7	9.7	8.1
10	5	10	10	10	7.9	10	10	10	10	10	10	10	10				10.0	9.1
0	10	0	10	10	8.0	7	3	10	10	10	10	10	10				8.8	8.3
10	10	10	10	10	9.4	10	10	10	10	7	10	10	10				9.6	9.3
10	10	0	10	10	8.0	10	3	3	0	3	10	0	10	10	10	10	6.3	7.4
10	10	0	10	10	9.0	3	10	10	10	3	3	0	0	10	10	0	5.4	8.0
7	10	10	10	0	7.6	0	10	10	9	0	10	4	0	10	10	10	6.6	7.8
10	10	0	0	0	4.5	10	10	0	5	10	10	10	0	6	7		6.8	5.7
0	10	10	10	10	6.7	7	10	0	10	10	10	10	10	10	7		8.4	7.6
10	10	5	0	10	7.0	0	10	10	10	10	10	0	10	10	10		8.0	6.9
10	10	0	7	4	6.1	0	10	0	10	10	10	10	10	0	0	10	6.4	4.5
10	0	0	10	10	4.7	0	0	10	10	10	7	0	10	10	0	10	6.0	6.3
0	10	0	10	10	6.0	7	10	10	10	0	0	10	10	10	0	10	7.0	7.0
10	10	10	10	7	8.3	10	10	3	0	10	10	3	10	10	10		7.6	7.0
10	10	10	10	10	10.0	10	10	10	10	10	10	10	0	6	10		8.6	8.9
10	3	10	10	10	8.7	10	3	10	0	0	0	10	8	10	10		6.1	6.6
0	0	0	0	5	5.2	10	6	10	5	0	0	0	0	0	0	10	3.6	4.2
10	10	7	10	0	8.7	0	0	10	0	0	0	2	10	0	10	10	3.8	7.2
0	10	10	10	4	7.2	7	10	10	10	10	10	10	2	8	0	0	7.0	6.8
3	0	0	0	10	2.7	0	6	10	5	10	0	10	7	0	4	7	5.9	5.4
10	10	10	10	6	7.6	10	10	0	0	0	0	0	0	10	10	0	3.6	6.0
10	10	10	10	10	8.7	10	10	10	10	10	10	0	0	10	10	10	7.3	7.7
10	10	10	0	0	6.0	0	10	10	10	10	10	7	10	10	10		8.7	6.7
10	10	10	10	0	8.8	2	10	10	10	10	9	8	10	10	10		8.9	7.7
10	10	10	10	10	8.7	10	10	10	4	0	10	5	5	10	10		7.4	8.5
10	4	0	0	5	5.9	10	10	7	10	10	10	10	0	0	0	0	6.1	7.1
10	10	10	10	3	8.8	0	0	0	0	0	10	10	10	10	10	10	5.5	6.9
3	10	0	7	10	6.7	0	10	10	10	10	10	10	4	10	10	10	8.5	7.7
10	10	10	0	10	7.7	10	10	10	6	10	10	0	10	0	10		7.6	7.1
10	0	0	10	10	7.0	0	10	10	10	10	10	10	10	7	10		8.7	7.6
10	10	8	10	9	7.4	0	10	10	10	10	4	2	6	10	10		7.2	6.5
3	10	10	10	3	7.6	0	10	10	0	0	10	10	10	10	10	6	6.9	7.3
0	10	10	10	10	8.5	0	10	10	10	10	10	10	0	0	0	10	6.4	7.9
0	0	10	10	0	5.9	10	10	10	0	10	10	10	10	0	10	10	8.2	6.9

Table 8. Daily Weather : ○ Clear Days ⊕ Fine Days ⊙ Cloudy Days ⊕⊕ Raine Days

Date		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Year																
January																
1969		⊕	*	○	⊙	⊙	⊕	⊕	⊙	⊙	⊙	⊙	⊕	*	⊙	*
70		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	*	○	⊙	⊙	⊙	*	⊙
71		○	⊙	○	○	⊙	⊙	⊙	⊕	⊙	⊙	⊕	⊙	○	⊕	○
February																
1969		⊕	⊙	△	⊙	*	⊙	⊕	⊙	⊙	⊙	⊙	○	⊕	⊕	⊙
70		*	⊙	⊕	⊕	⊕	*	⊙	⊙	*	*	⊙	⊙	○	⊙	⊕
71		*	○	⊙	*	*	△	⊙	⊙	*	*	⊙	⊙	⊕	⊕	⊙
March																
1969		*	⊙	*	⊙	⊙	⊕	⊙	○	⊕	⊙	⊙	⊕	*	⊙	○
70		*	*	⊙	⊙	⊙	*	△	⊙	⊙	⊙	⊙	*	⊙	⊙	⊙
71		⊙	⊙	⊙	*	⊕	*	⊙	⊙	⊙	⊙	⊙	⊕	⊙	⊙	⊕
April																
1969		⊙	⊕	⊙	⊕	⊙	⊕	○	⊙	⊕	⊙	⊕	○	○	⊙	⊙
70		⊙	⊕	⊕	⊙	⊙	○	⊙	⊕	⊙	⊕	⊕	⊕	⊙	○	⊙
71		○	⊙	○	⊙	○	⊙	○	⊙	⊕	⊕	⊕	○	⊙	⊙	⊙
May																
1969		○	○	○	○	○	⊙	○	○	○	○	⊙	○	⊙	○	⊙
70		○	⊙	⊙	⊙	⊙	⊙	⊕	⊕	⊙	○	⊕	⊕	⊕	○	⊙
71		⊙	⊙	⊙	⊕	⊙	⊙	⊙	⊕	○	○	⊕	⊕	⊕	○	⊙
June																
1969		○	⊙	⊕	○	⊙	⊕	⊙	○	○	○	⊙	⊕	⊕	⊙	○
70		⊙	⊙	⊙	⊙	⊙	⊙	○	○	⊙	⊙	⊙	⊕	⊕	⊕	⊕
71		⊙	⊙	⊙	⊕	⊙	○	○	○	○	○	⊕	⊕	⊕	⊙	⊙
July																
1969		⊙	⊙	○	⊙	⊕	⊙	⊙	⊕	⊙	⊕	⊙	⊙	⊙	⊕	⊙
70		⊙	⊕	⊙	⊙	⊙	⊙	⊙	⊕	⊙	⊙	⊕	⊙	⊕	⊙	⊙
71		⊕	⊙	○	⊕	⊕	⊕	⊙	○	⊕	⊙	⊙	⊙	⊙	⊕	⊕
August																
1969		⊙	⊙	⊙	⊕	⊙	⊕	⊙	⊙	○	⊕	⊕	○	○	⊕	⊕
70		⊙	⊙	⊙	⊙	○	○	⊕	⊙	⊙	○	○	⊙	○	⊕	⊕
71		⊕	○	⊕	⊙	⊕	⊕	⊙	⊕	⊕	⊙	⊙	⊙	⊙	○	⊕
September																
1969		○	⊙	⊙	⊙	○	○	○	⊕	⊕	⊕	⊙	⊕	○	⊕	⊙
70		○	⊕	⊙	○	⊕	⊙	⊙	○	○	⊕	⊙	⊙	⊕	⊙	⊙
71		⊕	⊙	⊙	⊙	⊕	⊕	⊙	⊕	⊕	⊕	⊕	⊙	⊕	⊙	⊕
October																
1969		⊕	⊙	⊙	⊙	⊙	⊕	⊙	⊙	⊕	⊙	⊕	⊕	⊕	⊕	⊙
70		⊙	⊙	⊙	⊙	○	⊕	○	○	⊙	⊕	⊙	⊕	⊕	○	⊕
71		⊙	⊙	⊙	⊙	⊙	⊕	⊙	⊕	⊙	○	○	⊙	⊙	⊕	⊕
November																
1969		○	⊙	⊙	⊕	⊕	⊕	⊕	○	○	⊙	⊙	⊕	○	⊙	⊙
70		⊙	○	⊙	○	⊙	⊕	⊕	⊙	○	⊙	⊙	○	⊙	⊕	⊕
71		○	○	○	⊕	○	⊙	⊕	⊙	⊙	○	⊕	○	○	⊙	⊙
December																
1969		⊕	⊕	⊙	⊙	○	○	⊕	⊙	⊙	⊙	○	⊙	⊙	⊙	⊙
70		⊙	⊙	⊙	△	⊙	⊙	○	⊙	*	⊕	⊕	⊙	⊙	⊙	⊙
71		⊙	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊙	⊕	⊕	⊕	⊙

* Snow Days △ Hail ⊕ Drizzle ⊕° Lightrain

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	○	⊖	⊕	⊕°	*	△
⊕	⊕	⊕	○	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	4	4	14	6	3	
⊕	⊕	⊕	⊕	○	⊕	*	*	△	*	*	*	○	○	⊕	⊕	4		20	2	4	1
⊕	⊕	⊕	⊕	○	⊕	⊕	*	*	*	*	*	○	○	⊕	⊕	5	2	18	3	3	
⊕	⊕	⊕	⊕	⊕	⊕	*	⊕	⊕	⊕	⊕	⊕	⊕				1	3	12	5	6	1
⊕	⊕	⊕	*	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕				3	5	11	5	4	
⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕				1	2	14	4	6	1
⊕	*	○	⊕	⊕	⊕	⊕	⊕	○	⊕	⊕	○	⊕	⊕	⊕	⊕	5	5	15	2	4	
⊕	*	○	*	*	⊕	⊕	*	⊕	⊕	⊕	○	○	⊕	⊕	⊕	4	3	15		8	1
⊕	⊕	○	⊕	○	○	⊕	⊕	⊕	⊕	⊕	○	○	⊕	⊕	⊕	5	5	19	1	4	
⊕	⊕	○	○	○	⊕	⊕	○	⊕	⊕	⊕	○	○	⊕	⊕	⊕	8	7	11	4		
⊕	⊕	○	○	⊕	⊕	⊕	○	⊕	⊕	⊕	○	○	⊕	⊕	⊕	5	5	16	4		
⊕	⊕	○	○	⊕	⊕	⊕	○	⊕	⊕	⊕	○	○	⊕	⊕	⊕	8	3	16	3		
⊕	⊕	○	⊕	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	○	○	⊕	16	2	9	4		
⊕	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	○	○	⊕	10	3	14	4		
⊕	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	○	○	⊕	9	1	16	4		
⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	7	4	15	4		
⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	3	1	20	6		
⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	8	4	14	4		
○	○	○	○	⊕	⊕	⊕	⊕	⊕	○	○	○	○	○	○	⊕	11	5	12	3		
○	○	○	○	⊕	⊕	⊕	⊕	⊕	○	○	○	○	○	○	⊕	8	2	19	2		
○	○	○	○	⊕	⊕	⊕	⊕	⊕	○	○	○	○	○	○	⊕	5	10	13	3		
⊕	○	○	○	⊕	○	⊕	⊕	⊕	○	○	○	○	○	⊕	⊕	9	11	10	1		
⊕	○	○	○	⊕	⊕	⊕	⊕	⊕	○	○	○	○	○	⊕	⊕	12	1	14	4		
⊕	○	○	○	⊕	⊕	⊕	⊕	⊕	○	○	○	○	○	⊕	⊕	5	4	13	9		
⊕	⊕	⊕	○	○	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	8	6	14	3		
⊕	⊕	⊕	○	○	○	⊕	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6	1	18	5		
⊕	⊕	⊕	○	○	○	⊕	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	1	7	16	6		
⊕	⊕	○	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	○	○	○	○	○	6	8	14	3		
⊕	⊕	○	○	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	○	○	⊕	8	3	13	7		
⊕	⊕	○	○	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	○	○	⊕	4	6	19	2		
⊕	⊕	○	○	⊕	⊕	⊕	⊕	⊕	*	⊕	○	⊕	○	⊕	⊕	7	5	11	6	1	
⊕	○	○	○	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	○	*	⊕	7	2	11	10		
⊕	○	○	○	⊕	○	⊕	⊕	⊕	⊕	⊕	⊕	⊕	○	⊕	⊕	8	6	13	3		
⊕	⊕	⊕	*	⊕	○	⊕	○	○	⊕	*	*	⊕	○	⊕	⊕	6	4	14	4	3	
○	○	○	○	○	○	○	○	⊕	⊕	⊕	⊕	⊕	○	○	⊕	6	1	17	4	2	1
○	○	○	○	○	○	○	○	⊕	⊕	⊕	⊕	⊕	○	○	⊕	6	8	10	7		

Table 9. Daily Humidity (%) at 9° A.M.

Date	1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15
January																
1969																
70	93	96	85	79	73	81	70	96	97	95	86.5	97	83	72	98	96
71	96	94	93	84	95	96	97	98	97	96	94.6	89	92	88	98	94
February																
1969																
70	99	86	93	90	87	94	90	84	97	98	91.8	93	90	83	90	99
71	97	97	95	97	98	77	94	89	98	97	95.9	91	89	98	93	96
March																
1969																
70	94	96	84	94	96	95	98	74	88	94	91.3	64	95	87	87	84
71	94	90	99	97	98	98	84	86	78	70	89.4	85	88	93	97	82
April																
1969																
70	85	64	95	93	89	80	50	57	61	96	77.0	98	94	64	71	56
71	94	86	89	85	65	93	91	75	98	93	86.9	83	64	86	52	96
May																
1969																
70	58	54	68	57	63	82	47	54	68	76	62.7	85	74	86	72	63
71	61	60	94	98	84	96	99	98	97	68	85.5	98	58	57	42	62
71	91	95	88	99	93	94	95	97	85	86	92.3	63	86	85	97	85
June																
1969																
70	75	68	96	64	63	90	71	74	52	54	70.7	63	94	75	96	64
71	98	90	67	70	96	84	58	55	65	98	78.1	96	92	86	98	97
71	81	81	89	97	94	85	80	81	91	88	86.7	98	98	92	96	94
July																
1969																
70	93	94	66	78	98	88	96	96	95	77	88.6	86	94	90	76	73
71	82	73	87	93	84	77	68	72	72	78	78.6	96	85	96	86	92
71	97	88	70	96	91	87	91	83	79	88	87.0	89	96	96	73	71
August																
1969																
70	90	95	85	88	81	64	73	78	68	66	78.8	62	63	51	61	72
71	79	82	88	76	74	69	98	94	95	89	84.4	73	88	78	94	96
71	88	85	86	63	84	82	96	89	86	66	82.5	88	91	91	88	82
September																
1969																
70	68	68	66	67	67	72	95	67	71	97	73.8	84	66	71	80	77
71	80	76	87	83	98	93	87	73	76	84	83.7	77	72	98	92	88
71	98	73	92	73	96	98	97	89	95	98	90.9	97	94	96	93	87
October																
1969																
70	96	93	88	92	90	92	88	81	72	80	87.2	95	73	79	77	74
71	97	90	92	97	93	83	79	78	85	98	89.2	97	98	99	96	79
71	97	95	96	80	87	90	91	92	95	87	91.0	67	89	96	97	91
November																
1969																
70	92	90	91	87	98	87	95	86	97	67	89.0	66	93	81	82	74
71	96	92	88	89	95	98	99	94	90	86	92.7	89	73	65	99	99
71	86	83	81	84	97	85	98	96	94	95	89.9	92	95	87	89	90
December																
1969																
70	95	71	96	97	92	92	98	88	89	94	91.2	89	66	96	69	67
71	88	82	74	96	82	93	90	78	97	95	87.5	88	93	73	90	84
71	97	91	85	94	88	95	85	92	85	93	90.5	91	90	97	84	72

16	17	18	19	20	中旬 平均	21	22	23	24	25	26	27	28	29	30	31	下旬 平均	月 平均
97	94	93	97	96	92.3	92	98	88	98	97	92	93	84	82	98	98	92.7	90.6
95	88	86	93	94	91.7	93	99	98	97	97	97	98	76	89	85	98	93.4	93.2
91	84	68	84	67	84.9	72	85	87	93	95	94	95	94				89.4	88.6
98	74	95	98	96	92.7	90	97	99	99	83	90	98	93				93.6	94.1
95	95	94	96	97	89.4	79	86	96	76	86	90	68	68	71	70	65	77.7	85.9
85	97	74	68	64	83.3	60	89	94	75	78	76	63	60	78	94	98	78.6	83.6
58	95	98	97	98	82.9	84	80	84	61	98	96	60	81	90	83	84	81.8	80.6
77	99	93	85	88	82.3	60	89	74	62	69	58	85	63	88	97		74.5	81.2
88	94	76	68	74	78.0	54	90	76	80	91	88	98	97	74	71	82	81.9	74.4
63	58	43	52	98	63.1	61	78	56	72	57	60	48	62	69	77	82	65.4	71.2
83	85	84	97	89	85.4	80	57	76	80	58	79	99	99	97	89	92	82.4	86.5
65	80	70	81	69	75.7	84	80	78	72	68	83	69	63	93	82		77.2	74.5
98	97	98	98	71	93.1	85	95	92	69	92	79	79	83	72	85		83.1	84.8
97	92	81	91	93	93.2	94	94	58	76	85	86	89	62	93	93		83.0	87.6
69	69	67	67	76	76.7	78	68	82	77	67	59	73	65	62	60	98	71.7	78.8
89	68	63	65	90	83.0	65	70	75	79	69	64	62	81	83	81	59	71.6	77.5
72	73	95	78	93	83.6	73	91	95	88	92	94	93	63	64	69	80	82	84.1
81	63	65	62	79	65.9	71	62	92	75	81	65	79	66	68	63	74	72.4	72.4
92	95	97	81	88	88.2	97	88	86	87	93	82	73	83	81	94	71	85.0	85.8
85	89	76	90	89	86.9	96	98	99	98	92	94	75	72	77	68	97	87.8	85.8
79	89	89	75	84	79.4	85	78	95	94	84	98	60	69	93	83		83.9	79.0
81	73	94	92	85	85.2	84	98	90	79	93	97	93	91	77	97		89.9	86.3
75	98	94	92	94	90.0	87	85	83	94	86	82	94	86	92	75		86.4	89.1
72	91	65	72	78	77.6	93	86	68	91	96	96	88	92	97	94	85	89.6	85.0
90	98	92	92	94	93.5	90	83	73	87	88	98	96	97	99	97	98	91.5	91.4
88	93	83	85	95	87.8	80	87	94	89	92	94	96	95	94	99	94	92.2	90.4
98	98	62	87	87	82.8	96	94	87	75	92	96	93	96	83	98		89.0	86.9
99	96	94	93	89	89.6	86	89	99	98	93	99	99	98	88	95		94.4	92.2
96	95	70	94	87	89.5	90	97	95	96	95	84	87	86	74	94		89.8	89.7
63	72	70	87	93	77.2	85	90	93	93	96	97	94	93	95	78	84	90.7	86.5
97	92	98	75	94	88.4	94	85	96	90	93	95	98	96	94	95	98	94.0	90.1
91	80	68	82	90	84.5	78	86	97	92	93	96	97	97	85	94	88	91.2	88.8

Table 10. Daily Duration of Sunshine (hours)

Date	1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15
Year																
January																
1970																
71	7.0	1.6	7.1	1.8	0.2	3.1	0	0	0	1.6	22.4	7.4	3.1	2.9	0	8.1
February																
1970																
71	4.2	4.4	5.4	2.3	0.4	0	4.6	5.1	2.8	0	29.2	4.3	0	2.2	4.3	4.7
March																
1970																
71	0	0	0.7	0	1.5	8.6	1.8	4.9	1.3	2.1	20.9	1.8	3.1	0	2.7	1.3
April																
1970	6.6	10.4	0	6.9	7.9	10.2	0.3	9.5	4.3	0	56.1	0.4	8.7	6.0	11.3	11.0
71	10.9	1.7	11.0	7.9	9.3	5.7	11.4	7.3	0	10.2	75.5	10.4	11.6	11.0	0.2	0.4
May																
1970	10.6	0	0	0.5	3.6	0	0	0	0	7.1	21.8	1.5	8.9	10.6	10.4	9.0
71	7.9	3.1	0	0	8.1	2.7	9.8	4.1	12.1	11.5	59.3	11.6	11.7	3.9	1.4	4.7
June																
1970	0	9.5	7.6	0.8	3.2	10.2	12.2	12.7	8.1	0.4	64.7	0	3.8	1.4	0	0
71	6.5	5.2	6.7	0	6.6	11.4	12.1	12.2	11.5	8.1	80.3	0	0	6.4	0.4	0.9
July																
1970	2.8	7.6	6.7	8.6	5.6	13.5	8.6	1.5	5.3	7.4	67.9	0	7.3	0	2.2	11.6
71	0	8.6	11.4	9.4	9.6	10.7	9.7	7.7	7.4	1.8	76.3	7.7	1.2	6.7	10.8	11.6
August																
1970	8.7	5.9	7.7	12.2	10.8	11.5	1.3	4.1	5.7	9.2	77.1	11.3	10.6	11.2	0	2.1
71	10.4	12.8	11.7	2.3	1.5	0.4	11.6	9.5	11.1	8.6	79.9	7.6	5.9	9.9	9.5	9.8
September																
1970	11.2	5.6	3.7	9.9	6.8	8.3	9.2	9.8	10.4	0	74.5	8.2	7.9	3.2	1.0	4.2
71	1.1	6.2	9.7	5.2	0	0	0	10.4	2.2	0	34.8	4.6	7.6	11.6	6.1	10.6
October																
1970	5.2	4.0	3.4	0.7	9.9	9.4	8.3	8.9	2.1	0	51.9	0	0	0	6.8	10.1
71	0	4.3	9.5	7.2	5.0	9.3	5.4	8.4	1.8	8.4	59.3	7.7	0.2	2.2	0	6.5
November																
1970	1.5	9.5	5.1	7.3	6.2	3.4	0.8	7.9	9.1	7.9	58.7	1.9	5.7	8.8	0	0
71	7.8	9.3	9.2	8.3	6.2	0	0	0.6	1.1	4.3	46.8	8.5	8.4	7.6	1.8	0
December																
1970	1.2	0	4.6	3.0	3.1	0.4	7.2	1.7	3.9	4.9	30.0	7.7	0	1.7	0.6	1.9
71	0	1.7	1.8	6.9	4.6	1.6	5.5	4.2	6.4	6.5	39.2	4.4	3.6	1.5	3.4	5.1

16	17	18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月総計
0.5	4.5	6.5	3.9	1.6	38.5	0	0.6	0	4.1	0.6	4.2	3.3	7.3	6.8	5.3	1.3	33.5	94.4
8.7	8.9	1.0	0	5.6	39.7	1.5	0	0	0	4.1	2.9	3.3	0				11.8	175.1
1.6	0.3	7.1	2.0	2.4	22.3	5.9	0.8	4.2	8.4	1.7	11.0	10.3	10.5	9.1	0.6	10.9	73.4	95.7
2.4	6.0	4.6	9.7	11.2	66.9	11.2	0.4	5.8	3.7	10.9	4.3	9.6	9.8	0	0	0	55.7	143.5
7.0	0	0	0.3	0	44.7	8.6	0.3	9.6	3.1	1.0	0	7.3	9.7	0	10.1		49.7	150.5
1.6	0	11.3	10.0	9.6	66.1	9.6	7.9	0	11.3	11.4	10.1	11.5	0.6	3.1	0		65.5	207.1
9.0	11.8	12.3	2.8	0	77.3	12.3	12.1	7.9	11.2	9.2	11.7	12.6	12.5	11.7	12.4	4.8	118.4	217.5
11.4	5.7	5.6	0	9.5	65.5	8.8	11.1	6.9	8.4	11.8	9.9	0	0.5	4.7	11.3	7.6	81.0	205.8
0	0	0	0	7.7	12.9	0	5.2	7.5	9.1	0	2.4	8.0	12.7	9.1	7.5		61.5	139.1
0	8.1	3.5	9.3	0	28.6	0	10.9	11.3	11.7	12.1	11.8	6.8	2.5	0	5.7		72.8	181.7
5.4	3.4	9.9	13.6	12.0	65.4	12.3	12.5	10.0	8.9	10.2	10.9	10.1	11.0	11.3	9.6	5.4	112.2	245.5
12.6	7.0	7.9	8.3	7.3	81.1	2.4	0	0	4.3	4.7	0	6.8	11.4	11.9	9.8	9.8	60.6	218.0
6.0	5.2	4.0	9.2	10.0	69.6	0	11.2	11.9	12.3	11.0	9.0	10.3	11.3	8.1	9.7	11.3	106.1	252.8
0	5.8	4.5	6.7	1.5	61.2	0	0	2.8	0	0	8.6	10.2	11.2	10.4	0	0	43.2	184.3
10.2	5.5	0	0.8	10.7	51.7	4.3	0	2.3	7.2	0	7.9	8.2	6.3	0	1.2		37.4	163.6
8.2	1.2	1.5	4.3	0	55.7	0	0	5.3	9.7	10.3	0	8.5	10.7	4.4	9.5		58.4	148.9
1.7	4.4	6.2	8.5	6.5	44.2	9.6	9.2	9.3	9.3	9.6	0	1.9	6.1	5.4	2.7	3.2	66.3	162.4
8.5	0	8.5	4.5	4.1	42.2	9.4	3.2	2.4	8.2	3.1	3.9	1.2	7.7	0	0	0	39.1	140.6
1.7	8.3	5.6	1.6	4.1	37.7	8.3	2.1	0	1.9	0.8	0	0	0	6.9	1.1		21.1	117.5
0	0	6.4	1.9	7.9	42.5	8.0	2.4	3.3	2.1	4.4	5.4	7.3	6.9	6.5	3.7		50.0	139.3
7.6	0	0	0	0	19.5	7.3	0	0.7	0	0.4	4.7	0	7.8	7.2	5.3	0	33.4	82.9
7.3	5.2	7.1	0	7.1	44.7	2.4	0.4	1.5	6.8	1.1	0	0	0.2	7.6	0	6.1	26.1	110.0