

◎統計と資料

三朝温泉地の気候について (第16報)

松原扶美恵, 井上 妙子, 貴谷 光, 谷崎 勝朗

岡山大学医学部附属病院三朝分院

われわれは1956年以降, 三朝温泉地の気候要素について観測を行ってきているが, 今回は第16報としてひきつづき1992年1月1日から1992年12月末日までの1カ年の気象観測の資料を報告することとした。なお1985年4月1日以降は自動記録装置が備えられたので, 今回の資料はすべてこの自動記録装置によるものである。

文 献

1. 的場邦和, 八幡隆昭, 江沢英光, 井上妙子: 三朝温泉地の気候について, 一過去10年間の集計-岡大温研報, 36: 31-36, 1966.
 2. 井上妙子, 池上忠興, 森永 寛: 三朝温泉地の気候について(第2報), 岡大温研報, 39: 43-59, 1970.
 3. 井上妙子, 森永 寛: 三朝温泉地の気候について(第3報), 岡大温研報, 41: 13-33, 1972.
 4. 井上妙子, 森永 寛: 三朝温泉地の気候について(第4報), 岡大温研報, 45: 47-67, 1976.
 5. 井上妙子, 森永 寛: 三朝温泉地の気候について(第5報), 岡大温研報, 48: 55-75, 1979.
 6. 井上妙子, 谷崎勝朗, 森永 寛: 三朝温泉地の気候について(第6報), 岡大温研報, 52: 71-91, 1982.
 7. 井上妙子, 谷崎勝朗, 森永 寛: 三朝温泉地の気候について(第7報), 岡大温研報, 55: 15-37, 1984.
 8. 井上妙子, 谷崎勝朗, 森永 寛: 三朝温泉地の気候について(第8報), 環境病態研報告, 57: 67-97, 1986.
 9. 松原扶美恵, 周藤眞康, 谷崎勝朗: 三朝温泉地の気候について(第9報), 環境病態研報告, 58: 41-65, 1987.
 10. 松原扶美恵, 周藤眞康, 谷崎勝朗: 三朝温泉地の気候について(第10報), 環境病態研報告, 59: 105-129, 1988.
 11. 松原扶美恵, 遠藤裕井, 周藤眞康, 谷崎勝朗: 三朝温泉地の気候について(第11報), 環境病態研報告, 60: 111-135, 1989.
 12. 松原扶美恵, 遠藤裕井, 周藤眞康, 谷崎勝朗: 三朝温泉地の気候について(第12報), 環境病態研報告, 61: 147-167, 1990.
 13. 松原扶美恵, 遠藤裕井, 貴谷 光, 谷崎勝朗: 三朝温泉地の気候について(第13報), 環境病態研報告, 62: 91-111, 1991.
 14. 松原扶美恵, 遠藤裕井, 貴谷 光, 谷崎勝朗: 三朝温泉地の気候について(第14報), 岡大三朝分院研究報告, 63: 115-175, 1992.
 15. 松原扶美恵, 遠藤裕井, 井上妙子, 貴谷 光, 谷崎勝朗: 三朝温泉地の気候について(第15報), 岡大三朝分院研究報告, 64: 125-145, 1993.
- On climatology in Misasa spa (sixteenth report)
- Fumie Matsubara, Taeko Inoue,
Hikaru Kitani and Yoshiro Tanizaki
- Misasa Hospital, Okayama University Medical School
- Climatological data of the last 12 months (1992.1.1-1992.12.31) obtained by the climate autorecording system at the Misasa Branch in Misasa spa, Tottori-ken, Japan are presented.

Table 1. Daily Atmospheric Temperature at 9 AM (°C). (1992)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17			
January																				
2.5	2.2	3.3	2.6	1.2	4.6	5.7	4.6	5.2	5.4	3.7	1.1	0.6	-0.3	4.3	1.0	-0.4	4.0			
February																				
1.0	0.6	4.9	6.9	2.3	-0.1	4.2	1.7	0.9	0.4	2.3	2.4	0.9	2.0	2.3	3.8	6.9	1.7			
March																				
9.6	5.8	4.8	5.6	5.4	4.6	3.7	3.6	4.6	9.3	5.7	7.6	7.9	8.4	8.1	11.5	8.5	3.7			
April																				
10.7	13.0	12.4	12.9	11.4	12.3	11.2	13.9	16.1	13.8	12.8	9.8	8.5	7.6	8.1	14.1	9.9	9.9			
May																				
13.3	16.2	17.6	19.4	16.3	16.4	16.6	21.3	16.3	15.8	16.9	15.3	20.7	23.6	15.6	17.2	15.8	18.1			
June																				
20.1	23.1	25.0	23.8	23.2	25.8	24.9	22.2	19.6	25.2	23.3	20.3	21.7	20.9	21.9	21.7	21.8	21.1			
July																				
22.9	24.3	22.8	26.3	23.3	22.2	23.4	24.4	24.6	23.6	23.8	24.5	25.5	24.7	21.9	22.2	23.1	21.1			
August																				
27.9	25.9	24.8	22.8	29.0	29.7	27.3	25.5	25.3	26.0	26.4	27.8	25.2	24.3	27.0	28.7	28.3	26.8			
September																				
28.2	29.3	29.2	28.9	25.1	24.8	24.6	28.2	24.2	21.2	26.4	20.9	19.7	19.5	21.6	24.5	23.7	22.3			
October																				
18.4	20.0	21.8	21.9	14.6	15.4	13.8	15.6	15.5	13.8	17.1	14.2	16.2	15.9	16.2	18.1	15.3	14.4			
November																				
11.0	7.1	9.7	13.5	13.5	15.8	14.5	12.3	12.1	10.2	12.0	8.4	9.5	10.4	10.2	10.7	10.5	7.4			
December																				
8.1	8.6	7.0	9.7	7.2	6.3	17.8	13.0	5.9	12.0	9.6	3.4	4.2	9.2	3.8	1.3	1.8	4.1			

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
1.4	1.1	0.9	1.4	-0.3	2.4	1.8	0.8	1.9	2.5	1.3	2.3	11.0	6.4	5.3	3.2	2.8
4.4	1.4	1.6	2.7	0.8	0.4	0.9	0.8	1.7	0.5	3.9	5.2	8.9			2.6	2.5
3.8	5.7	6.8	7.2	4.3	4.2	4.6	8.0	8.6	9.4	6.9	3.8	10.7	10.3	8.9	7.2	6.7
18.0	11.8	16.9	11.5	19.1	14.4	16.7	17.7	15.6	14.5	20.9	21.4	16.8	11.8		16.9	13.7
17.6	17.7	18.7	18.0	23.2	23.7	13.1	18.7	13.4	17.2	16.8	15.7	18.0	15.7	15.9	17.4	17.4
20.8	19.7	17.9	20.8	19.2	19.4	17.7	18.1	19.6	21.4	20.8	22.7	22.0	19.9		20.1	21.4
27.8	25.5	25.8	24.2	29.8	30.0	30.5	27.4	28.3	29.3	29.2	28.6	29.8	30.9	30.5	29.5	25.8
23.7	24.4	25.6	26.2	26.6	25.0	29.0	28.5	25.5	26.4	27.6	28.8	27.4	29.3	29.2	27.6	26.7
22.1	21.6	20.4	21.6	18.3	17.1	19.9	24.1	25.6	18.5	17.6	14.9	15.6	19.0		19.1	22.4
14.2	15.4	14.4	15.4	15.2	13.4	16.0	14.7	13.1	13.8	10.0	10.5	13.5	17.7	12.1	13.6	15.4
5.8	8.9	16.6	9.8	6.9	4.1	13.7	5.9	9.9	7.2	1.6	2.8	4.8	6.2		6.3	9.4
3.9	3.0	7.3	4.2	6.2	6.1	5.1	0.3	0.4			10.5	7.5	4.5	3.3		

Table 2. Daily Maximum Temperature (°C). (1992)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17	
January																		
7.3	8.6	8.9	4.6	9.7	5.8	14.7	11.7	9.5	7.8	8.8	11.1	14.5	10.7	5.8	5.6	11.0	6.8	
February																		
2.6	7.7	11.2	9.2	4.1	10.8	8.4	4.6	6.8	8.6	7.4	6.5	11.7	10.8	10.1	10.1	7.3	8.2	
March																		
11.3	6.8	6.1	10.5	7.3	6.8	9.1	13.5	13.4	13.5	9.8	15.5	17.9	18.8	21.0	17.1	8.7	7.0	
April																		
16.8	18.6	18.7	15.2	14.8	18.4	13.5	24.3	20.3	21.2	18.2	15.8	12.2	9.8	15.6	20.5	13.2	18.0	
May																		
18.5	18.0	26.2	22.6	22.0	22.2	21.7	23.9	19.5	18.2	21.3	19.4	25.9	23.8	22.9	18.6	17.4	21.0	
June																		
25.7	28.7	28.6	27.2	27.5	31.4	25.1	22.7	27.7	30.9	27.5	25.1	25.9	26.7	26.5	27.1	26.1	27.9	
July																		
27.3	27.9	29.6	31.0	26.0	27.0	27.2	31.1	28.5	28.3	28.4	28.8	28.7	28.0	24.9	26.3	26.1	27.9	
August																		
31.5	29.6	27.2	27.4	32.9	34.8	35.1	28.1	28.1	31.0	30.6	31.8	27.7	26.3	30.3	33.0	32.8	32.5	
September																		
34.2	32.0	33.5	34.0	29.1	28.8	31.9	33.1	25.9	23.0	30.5	24.6	26.3	26.0	27.6	28.2	26.7	28.2	
October																		
25.0	27.1	30.0	25.0	17.6	19.6	22.1	16.3	19.2	21.1	22.3	22.6	22.4	21.9	21.6	20.9	21.4	21.5	
November																		
11.8	14.8	16.9	20.7	22.9	17.7	16.8	16.0	15.3	14.0	16.7	16.4	18.4	18.5	20.2	20.7	13.6	16.8	
December																		
18.9	11.1	13.1	11.5	14.3	20.1	19.7	15.7	15.7	15.8	15.6	9.0	8.6	14.2	6.5	4.3	9.3	9.4	

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	1.5	5.2	7.7	9.6	6.8	5.9	6.8	10.8	12.1	11.4	15.6	13.0	9.8	6.4	9.8	8.8
11.8	6.6	3.7	8.7	3.3	2.6	8.1	3.6	4.3	10.2	16.9	15.8	18.0			9.2	8.4
7.3	12.8	13.4	13.9	6.7	10.9	10.6	10.5	13.8	11.8	10.4	12.1	14.1	13.6	20.2	12.2	12.0
22.6	20.8	20.7	16.9	26.7	18.9	24.7	20.9	18.3	22.6	27.2	27.2	20.4	13.1		22.0	19.0
21.6	22.0	26.6	21.9	28.6	28.1	16.7	21.3	17.5	20.8	18.0	20.7	24.6	21.9			
24.8	23.4	21.6	25.5	23.8	26.3	18.8	19.9	24.3	25.4	26.8	26.8	26.2	21.1		23.9	25.6
32.9	32.2	34.2	29.0	34.1	34.0	31.7	32.2	35.1	34.8	35.2	34.8	34.8	35.3	34.4	34.2	30.6
26.0	30.5	28.0	29.9	30.6	30.7	34.1	33.7	27.8	31.9	33.9	33.8	34.9	34.8	32.3	32.6	31.1
25.4	27.1	22.8	26.3	24.1	26.4	25.2	26.0	28.3	18.8	20.4	20.6	19.3	25.3		23.4	26.7
22.3	22.6	16.3	21.3	17.0	22.5	19.9	21.8	16.9	16.4	17.8	20.9	22.1	19.7	19.7	19.5	21.0
18.7	21.5	20.5	18.5	8.3	14.1	17.8	17.1	18.5	9.1	5.9	13.1	16.5	17.9		13.8	16.3
8.4	12.2	9.8	9.1	15.1	12.7	5.8	3.9	5.3	12.1	12.6	13.1	12.4	11.0	6.5	10.0	11.5

Table 3. Daily Minimum Temperature (°C). (1992)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
0.0	-0.6	1.6	-0.1	-0.5	3.6	4.2	2.5	4.7	1.1	1.6	-1.7	-1.1	-1.0	0.7	0.5	-2.7	0.7		
February																			
0.1	-0.2	2.1	2.8	-1.2	-3.1	-0.1	0.0	-2.1	-2.8	-0.5	-1.1	-3.1	-1.5	-1.7	-1.7	0.5	-0.7		
March																			
6.5	3.8	3.0	2.2	3.8	2.2	-1.3	-2.1	0.2	4.8	2.3	3.2	1.4	2.6	0.9	8.6	4.4	2.7		
April																			
10.1	7.1	5.3	7.6	10.0	8.8	9.0	3.9	11.5	12.9	8.6	3.6	3.0	4.6	0.5	3.1	3.3	0.8		
May																			
8.4	6.4	5.0	7.2	4.0	4.6	14.4	16.1	10.6	6.7	8.3	3.7	7.4	16.5	13.4	11.8	12.5	11.5		
June																			
9.6	11.9	13.2	15.2	18.0	15.9	21.8	14.0	11.8	13.4	14.5	13.5	11.3	13.0	16.3	15.4	12.8	13.8		
July																			
17.1	15.9	18.0	18.2	20.0	19.0	15.7	16.1	17.9	19.7	17.7	21.5	20.7	19.7	20.1	20.5	20.0	20.1		
August																			
23.0	21.2	19.3	20.0	23.8	22.3	22.6	24.1	22.0	19.9	21.8	20.7	22.6	22.5	22.3	22.4	22.5	22.9		
September																			
21.7	25.5	23.5	23.1	19.9	18.0	17.4	21.5	22.3	19.2	21.2	15.1	13.0	17.3	18.9	18.7	18.6	16.2		
October																			
12.7	15.7	15.3	14.5	11.5	8.0	7.1	14.8	12.1	10.8	12.2	9.4	11.8	12.0	13.5	13.1	10.8	9.7		
November																			
6.9	3.4	2.6	9.3	9.1	14.7	13.8	11.1	10.8	6.0	8.8	4.3	3.6	7.4	6.5	6.3	4.1	3.6		
December																			
3.2	6.3	3.3	5.0	2.2	2.2	12.9	8.3	3.8	5.8	5.3	1.6	2.1	2.7	0.4	-0.3	-1.2	2.4		

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
-0.2	-0.1	-1.9	-0.7	-2.2	0.0	0.5	0.2	-0.6	-0.2	-0.3	-0.6	5.6	4.4	2.2	0.8	0.6
-0.6	0.7	0.3	-0.9	-0.2	-0.5	-1.9	0.3	0.4	-3.0	-1.7	-0.8	7.2			-0.1	-0.5
2.0	1.5	1.4	2.9	2.3	-0.1	0.2	6.7	2.9	3.6	2.7	1.6	8.7	3.7	0.8	3.0	2.7
8.0	6.5	4.3	3.8	4.7	7.4	6.3	10.5	5.5	3.3	8.0	9.7	9.8	9.1		7.4	6.6
12.2	10.1	9.6	10.9	10.6	11.5	10.4	10.5	7.9	7.2	8.3	11.2	8.2	14.8			
16.3	15.7	14.8	14.3	12.8	11.5	16.7	14.9	13.8	11.8	13.3	14.0	15.9	17.1		14.2	14.3
21.1	19.8	22.0	20.5	21.2	22.3	22.2	20.7	19.1	21.4	21.1	20.2	22.8	23.0	23.0	21.5	20.0
22.8	23.0	24.1	22.6	23.2	23.2	21.7	21.5	23.7	22.3	21.1	21.7	20.5	21.9	22.4	22.1	22.1
15.5	17.0	13.6	16.4	13.3	9.7	18.6	22.6	18.8	15.8	10.8	8.1	13.3	14.7		14.5	17.4
8.6	11.1	11.7	11.1	11.7	10.1	11.5	11.2	9.2	10.4	7.8	5.4	7.5	9.7	6.6	9.1	10.8
1.9	4.1	8.3	5.0	3.0	0.1	4.8	2.2	6.8	0.8	0.6	0.4	1.1	2.7		2.2	5.3
1.8	1.1	4.4	1.5	5.3	1.7	-1.4	-0.5	-0.7	0.2	1.3	8.3	5.4	2.5	3.1	2.3	3.0

Table 4. Daily Amount of Precipitation (mm). (1992)

1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15	16	17		
January																			
2.0	1.0	0.0	2.5	0.5	7.0	0.0	0.0	6.0	3.5	22.5	0.0	0.0	0.0	8.5	0.0	0.0	0.5		
February																			
11.0	1.0	1.0	25.0	1.5	2.5	2.0	5.0	16.5	2.0	67.5	0.0	0.0	2.0	0.0	0.0	10.0	5.0		
March																			
5.0	0.0	0.0	0.0	36.0	22.5	5.0	0.5	2.5	1.5	73.0	0.0	0.0	0.0	0.0	10.0	14.0	5.0		

「4月以降は雨量計が故障のため、正確なデータが得られませんでした。」

18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月計
0.0	4.0	11.5	24.5	7.5	1.0	2.0	5.0	0.0	0.0	0.0	0.0	0.5	1.5	41.5	59.0	106.0
0.5	20.5	11.0	49.0	10.5	4.0	16.0	19.0	20.5	14.0	1.5	0.5	6.5			92.5	209.0
30.5	0.0	6.5	66.0	44.0	1.0	6.0	5.5	0.0	3.0	0.0	4.5	19.5	9.5	0.0	93.0	232.0

Table 5. Wind Direction at 9 AM. (1992)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
January															
ENE	CALM	ENE	E	NE	CALM	ENE	CALM	CALM	WSW	CALM	ENE	CALM	WSW	CALM	ENE
February															
N	ENE	CALM	SSE	CALM	ENE	WSW	WSW	CALM	ENE	WSW	CALM	ENE	NE	SSW	WSW
March															
NNE	NE	NNE	ENE	CALM	NW	SW	S	ENE	SW	SW	ESE	CALM	E	CALM	NE
April															
CALM	CALM	SW	W	ENE	CALM	ESE	CALM	W	SW	WSW	WNW	WSW	WSW	ENE	SW
May															
WSW	W	ESE	NE	SW	N	NE	NE	ENE	ENE	ENE	WSW	SSW	SW	SW	NW
June															
SW	WSW	CALM	CALM	CALM	CALM	SE	NE	ENE	WSW	NE	WNW	SSW	CALM	WSW	SW
July															
SW	SE	ENE	SSW	WSW	NNE	S	SE	CALM	N	E	CALM	SW	CALM	CALM	SSW
August															
S	ENE	NE	NE	ESE	W	S	WSW	SSW	SW	CALM	CALM	ENE	SW	ESE	WSW
September															
S	SE	CALM	CALM	NNE	ENE	SSE	WNW	W	CALM	ENE	SSE	CALM	NW	WSW	SW
October															
SSW	CALM	E	S	NE	NE	ENE	E	ESE	WSW	CALM	CALM	CALM	CALM	NE	SW
November															
CALM	SW	WSW	CALM	ESE	CALM	ENE	CALM	NE	CALM	NE	CALM	CALM	CALM	ENE	NE
December															
CALM	NE	CALM	ESE	SW	ENE	SE	WSW	ENE	ENE	CALM	ENE	SSW	CALM	CALM	NE

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SW	WSW	CALM	CALM	ENE	ENE	NNE	NE	ENE	ENE	CALM	E	SE	NE	ENE
CALM	ESE	W	ENE	CALM	CALM	NE	CALM	ENE	CALM	ENE	E	N		
CALM	CALM	SW	SW	ENE	S	ENE	CALM	SE	W	SW	CALM	CALM	NNE	SW
CALM	E	CALM	SW	ESE	CALM	CALM	WSW	SW	CALM	E	CALM	NE	WNW	
CALM	CALM	E	CALM	SSE	ENE	SW	SW	WSW	NNW	CALM	S	WNW	E	CALM
CALM	CALM	CALM	W	W	WSW	CALM	SW	WSW	WSW	CALM	SSW	CALM	ESE	
ENE	W	ENE	NNE	CALM	SSE	SW	SW	CALM	NE	ENE	ENE	SW	WNW	WNW
CALM	WSW	NE	NE	WSW	WSW	SSW	SE	N	N	ESE	S	SSW	SSE	SSW
SW	SW	SE	NE	SW	SW	SSW	E	N	ENE	NNE	SW	W	SW	
SSW	CALM	CALM	CALM	NW	SSE	SSW	CALM	WSW	CALM	CALM	SE	CALM	WNW	ESE
CALM	CALM	CALM	CALM	ENE	CALM	SSE	CALM	CALM	WSW	E	CALM	CALM	E	
NE	NE	ENE	NE	E	CALM	WSW	WSW	W			CALM	CALM	ENE	E

Table 6. Wind Speed at 9 AM. (1992)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
January															
1.1	0.2	0.5	0.7	0.9	0.0	1.1	0.0	0.0	1.0	0.2	0.7	0.2	1.3	0.0	1.2
February															
2.2	0.3	0.4	1.1	0.0	1.7	2.3	0.8	0.0	1.2	0.4	0.2	0.6	0.8	0.4	4.6
March															
0.6	1.4	1.1	3.0	0.1	0.3	1.4	0.3	0.6	1.1	0.7	0.4	0.1	0.5	0.0	1.8
April															
0.1	0.2	1.5	0.7	1.1	0.0	0.7	0.5	0.8	0.3	1.0	1.9	3.8	2.0	3.1	1.5
May															
2.0	1.1	0.3	1.1	1.6	1.4	1.6	1.5	0.5	3.1	2.6	2.0	3.4	0.3	1.0	0.7
June															
1.5	1.0	0.1	0.0	0.4	0.1	1.5	1.9	0.5	0.9	0.9	0.9	0.2	0.0	0.7	1.0
July															
1.0	0.4	1.2	0.5	0.3	0.9	0.7	0.9	0.4	1.5	0.4	0.1	0.4	0.1	0.0	0.9
August															
0.5	2.3	1.1	1.3	2.0	1.7	1.6	2.0	0.8	0.8	0.2	0.1	1.0	1.5	2.1	0.8
September															
0.9	1.9	0.2	0.1	0.8	2.8	0.4	2.3	0.3	0.1	1.4	0.5	0.0	0.4	0.4	0.8
October															
0.6	0.3	1.0	1.0	1.1	2.1	0.6	2.3	1.0	1.3	0.1	0.1	0.2	0.0	1.6	0.4
November															
0.0	1.1	1.3	0.2	0.3	0.0	4.5	0.1	0.2	0.0	1.5	0.2	0.0	0.0	0.4	0.4
December															
0.2	0.8	0.2	0.6	1.4	1.3	2.3	1.0	0.5	2.6	0.1	1.2	1.1	0.9	0.1	2.0

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.5	5.5	0.0	0.0	0.7	0.9	0.8	1.4	1.0	0.5	0.1	0.8	0.4	1.8	2.8
0.1	0.3	1.1	0.9	0.0	0.0	2.0	0.0	0.6	0.4	1.1	0.6	0.7		
0.0	0.2	1.2	0.3	1.2	1.1	0.2	0.0	0.5	0.3	0.8	0.0	0.1	0.8	0.5
0.1	4.4	0.1	1.1	1.3	0.2	0.5	2.3	1.1	0.1	0.8	0.2	1.7	0.6	
0.2	0.2	0.8	0.0	0.6	0.4	0.3	2.3	1.1	0.4	0.5	0.8	0.7	1.7	0.1
0.2	0.1	0.3	1.4	1.0	1.4	0.0	1.4	0.9	1.0	0.5	2.1	0.0	0.8	
0.5	2.8	0.7	1.3	0.6	0.5	0.7	1.2	0.1	0.3	1.7	1.3	0.8	2.1	2.0
0.7	0.4	2.0	0.4	1.3	0.6	1.4	0.2	1.1	0.5	1.4	1.4	0.3	1.4	0.8
1.1	0.5	0.8	2.2	0.5	0.6	1.1	2.0	1.0	3.2	1.8	1.4	1.5	0.3	
0.4	0.2	0.3	0.0	1.3	0.4	0.4	0.0	0.8	0.1	0.0	0.6	0.2	2.0	0.4
0.0	0.0	0.2	0.2	0.7	0.2	1.5	0.0	0.0	5.6	0.2	0.2	0.2	0.4	
1.6	1.1	0.5	0.2	0.5	0.0	2.2	5.4	0.2			0.1	0.1	1.1	1.8

Table 7. Daily Weather at 9 AM. (1992)

: ○ Clear days, ⊕ Fine days,

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
January																		
⊕	⊕	⊕	●	○	●	○	⊕	●	⊕	○	○	○	⊕	⊕	○	⊕	*	*
February																		
*	⊕	●	●	* *	○	⊕	*	*	⊕	⊕	○	⊕	○	⊕	⊕	⊕	○	*
March																		
●	⊕	⊕	⊕	●	●	○	○	⊕	⊕	⊕	○	○	○	●	●	⊕	●	○
April																		
●	⊕	○	⊕	●	⊕	⊕	○	⊕	●	⊕	⊕	●	⊕	○	○	○	⊕	⊕
May																		
⊕	⊕	○	○	○	○	●	⊕	●	○	○	○	○	○	●	○	⊕	⊕	⊕
June																		
○	○	○	⊕	⊕	○	●	○	⊕	○	⊕	○	○	⊕	⊕	○	⊕	⊕	⊕
July																		
○	○	⊕	○	⊕	⊕	○	○	⊕	⊕	⊕	⊕	○	⊕	⊕	⊕	●	○	⊕
August																		
⊕	○	○	⊕	○	○	⊕	●	⊕	○	○	⊕	⊕	⊕	⊕	○	○	○	⊕
September																		
○	○	○	○	○	○	○	○	⊕	●	○	○	⊕	⊕	○	○	○	○	○
October																		
⊕	○	○	⊕	⊕	⊕	○	●	●	○	○	⊕	○	⊕	○	○	○	○	○
November																		
●	○	○	○	⊕	●	⊕	●	⊕	○	⊕	○	⊕	○	○	⊕	○	○	○
December																		
⊕	●	⊕	○	○	○	⊕	●	○	⊕	⊕	○	⊕	●	*	⊕	○	⊕	○

☉ Cloudy days, ⊕ Slightly cloudy days, ● Rainy days, * Snowy days, △ Hail

20	21	22	23	24	25	26	27	28	29	30	31	☉	⊕	☉	⊕	●	*	△
☉	○	⊕	☉	⊕	☉	○	○	○	☉	☉	●	10	0	13	2	4	2	0
☉	*	*	○	*	☉	○	○	⊕	☉			7	0	10	2	2	8	0
○	●	☉	☉	☉	○	☉	☉	☉	☉	☉	○	9	0	15	0	7	0	0
○	○	●	○	☉	○	○	○	○	○	○	●	12	0	11	1	6	0	0
☉	○	○	●	○	☉	○	⊕	○	○	●	☉	15	0	9	2	5	0	0
☉	○	☉	●	☉	○	○	⊕	○	☉	●		13	0	13	1	3	0	0
☉	○	○	○	○	○	○	○	○	○	○	○	18	0	11	1	1	0	0
●	○	○	○	○	☉	☉	○	○	○	○	○	18	0	9	1	3	0	0
☉	☉	○	☉	☉	○	●	○	○	●	○		19	0	8	0	3	0	0
●	☉	○	☉	○	☉	☉	☉	○	○	☉	○	15	0	12	0	4	0	0
☉	●	○	○	○	☉	○	○	○	○	○		18	0	8	0	4	0	0
☉	○	○	☉	*	☉	○	⊕	☉	☉	☉	●	10	0	13	2	4	2	0
計												164	0	132	12	46	12	0

Table 8. Daily Humidity (%) at 9 AM. (1992)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17
January																	
89.7	90.2	87.9	88.9	90.9	88.5	88.9	82.8	87.8	68.3	86.4	89.9	86.6	89.8	68.2	87.8	84.1	78.5
February																	
79.2	84.6	83.6	84.5	84.8	88.5	61.5	79.4	89.2	89.0	82.4	71.9	83.9	84.0	89.2	66.9	41.6	89.6
March																	
87.8	52.6	49.9	44.2	84.0	79.7	86.1	78.0	86.2	79.3	72.8	77.6	71.3	75.7	63.0	83.7	77.2	86.8
April																	
87.0	79.0	62.6	70.1	83.5	72.6	72.7	59.0	66.1	87.9	74.1	61.2	56.6	66.3	76.0	40.5	54.1	60.0
May																	
64.1	31.6	37.6	53.2	33.7	30.5	78.9	69.1	85.6	36.1	52.0	32.9	34.9	49.8	83.5	61.7	74.5	58.7
June																	
60.3	50.7	40.9	53.1	57.8	49.1	52.2	44.9	42.9	42.6	49.5	72.0	46.1	53.1	65.9	67.8	50.0	56.2
July																	
58.5	54.3	70.6	56.7	76.1	77.9	57.7	59.4	69.0	77.7	65.8	85.2	76.6	66.7	84.2	83.9	76.5	85.6
August																	
70.6	56.9	56.3	86.1	49.0	44.5	66.5	80.7	75.4	64.5	65.1	62.3	81.7	85.8	59.4	60.5	63.0	69.6
September																	
51.3	53.8	58.8	65.0	68.2	53.0	65.8	47.9	82.0	86.4	63.2	61.5	67.2	82.8	79.8	61.1	69.0	68.7
October																	
74.8	83.5	79.4	69.6	78.6	48.0	68.6	87.1	86.8	87.8	76.4	80.5	70.6	84.9	83.7	85.6	84.2	79.1
November																	
83.5	78.3	80.6	81.3	86.9	87.0	70.6	79.7	87.7	73.1	80.9	77.3	79.2	82.6	84.8	88.7	68.5	86.3
December																	
89.5	79.1	77.8	44.4	71.7	74.1	53.7	83.2	88.8	47.7	71.0	78.8	82.0	53.8	67.9	89.9	85.3	87.8

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
64.6	89.4	89.5	82.8	88.6	88.7	89.1	87.9	85.9	89.2	89.5	89.5	75.0	82.6	85.6	86.5	85.2
74.9	85.9	89.6	77.8	85.6	88.6	81.5	89.5	89.0	79.0	82.0	77.3	86.2			84.3	81.5
88.4	82.0	67.4	77.3	88.1	86.3	63.4	87.7	80.8	86.1	81.6	88.3	89.4	72.2	67.2	81.0	77.0
30.5	71.9	39.1	55.6	27.1	86.1	43.7	35.6	49.5	35.3	34.6	46.8	47.4	85.0		49.1	59.6
66.3	61.5	60.6	58.4	37.2	34.0	84.2	42.9	66.6	47.0	62.4	60.4	56.0	86.4	83.7	60.1	56.8
66.3	64.0	76.4	61.8	54.0	50.3	86.0	73.8	59.7	50.7	63.2	59.9	61.2	86.0		64.5	58.6
58.3	70.6	78.4	76.6	57.1	52.1	46.1	64.5	62.3	43.4	46.5	54.1	58.6	43.0	44.4	52.0	64.8
85.5	80.6	84.1	73.3	76.5	85.2	55.4	60.6	82.8	84.3	58.2	50.3	61.5	51.1	49.2	65.0	67.8
61.5	73.2	48.7	67.4	60.6	62.8	77.0	66.3	68.8	83.5	40.4	67.6	86.5	77.0		69.1	66.6
81.8	80.9	87.8	81.9	68.8	83.0	70.6	84.8	44.3	85.6	88.9	84.4	83.6	48.1	72.3	74.0	77.4
89.3	79.9	85.7	82.2	79.5	90.4	51.1	89.7	81.1	37.7	89.5	89.4	89.6	88.9		78.7	80.6
87.4	83.2	83.2	79.9	87.5	82.9	77.6	87.1	89.7			87.8	87.5	88.5	87.2		

Table 9. Daily Duration of Sunshine (hours). (1992)

1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15	16	17	
January																		
1.5	2.7	0.7	0.0	3.7	0.0	4.9	2.4	0.2	0.6	16.7	7.4	5.8	2.1	0.8	0.0	8.1	1.5	
February																		
1.1	6.3	0.0	0.0	0.1	6.9	4.1	1.3	6.2	4.3	30.3	1.4	7.1	4.6	6.5	2.7	1.1	5.7	
March																		
0.0	0.3	0.7	8.5	0.0	2.9	9.0	9.6	1.4	7.2	39.6	8.3	9.4	8.0	7.4	0.0	0.0	0.0	
April																		
1.6	8.3	9.0	0.0	4.1	7.6	2.2	9.8	5.5	5.4	53.5	3.8	6.0	3.6	8.2	7.0	6.0	10.7	
May																		
9.4	4.0	10.9	10.9	11.7	11.9	3.2	2.1	1.6	10.9	76.6	11.8	10.8	7.3	0.1	3.7	2.4	7.3	
June																		
12.1	12.1	11.9	9.9	6.2	10.7	0.0	9.4	10.1	11.0	93.4	4.2	8.4	7.5	7.7	10.4	11.4	10.6	
July																		
8.5	11.6	8.4	10.0	3.8	7.6	10.1	10.7	7.9	3.2	81.3	4.8	5.6	4.1	2.5	5.6	6.5	0.0	
August																		
5.1	9.6	4.9	3.5	10.8	10.8	8.7	0.0	7.1	11.7	72.2	6.1	0.9	3.5	5.5	9.4	7.6	9.6	
September																		
11.0	10.4	11.1	7.5	10.2	10.9	10.9	7.6	0.0	1.6	81.2	8.8	10.5	4.3	4.2	6.8	7.6	10.6	
October																		
8.2	6.8	8.8	3.9	2.2	7.8	6.5	0.0	2.4	7.1	53.7	8.3	7.1	6.6	1.3	3.2	8.7	7.0	
November																		
0.0	9.0	4.1	7.6	5.0	0.0	0.6	0.6	0.0	4.3	31.5	1.3	8.8	1.5	8.4	5.6	0.7	8.8	
December																		
3.1	0.0	7.5	2.7	7.9	5.7	2.5	2.7	5.9	1.1	39.1	2.7	2.0	2.3	2.3	1.4	3.6	2.5	

18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月計
4.4	0.1	3.9	34.1	8.0	2.0	2.0	3.8	4.0	7.4	5.5	8.0	0.0	0.8	0.0	41.5	92.3
7.8	3.4	1.7	42.0	3.4	2.8	6.0	0.7	3.2	9.9	9.9	4.8	0.0			40.7	113.0
0.1	10.1	4.8	48.1	2.2	8.4	0.6	0.2	6.1	5.5	2.1	3.0	0.4	6.6	10.5	45.6	133.3
9.0	9.1	11.2	74.6	11.1	5.0	10.9	3.5	10.1	11.0	11.5	11.4	10.2	0.2		84.9	213.0
7.5	10.0	9.8	70.7	11.7	10.5	1.8	9.5	5.7	8.3	4.8	9.7	8.2	5.5	1.5	77.2	224.5
4.2	7.5	8.5	80.4	10.2	9.7	0.0	2.1	12.0	12.0	10.1	11.7	8.3	0.6		76.7	250.5
9.3	9.5	6.9	54.8	10.7	11.9	9.1	11.3	11.5	11.8	9.5	10.6	10.6	11.6	6.3	114.9	251.0
0.4	4.9	1.9	49.8	5.5	6.7	10.3	6.5	0.6	4.7	11.5	11.3	11.4	10.9	8.8	88.2	210.2
6.2	8.8	9.2	77.0	8.5	8.2	3.5	0.8	1.4	0.0	9.3	8.4	0.0	9.0		49.1	207.3
7.5	7.3	0.7	57.7	0.0	9.7	0.0	4.6	5.1	2.1	3.3	9.8	8.0	4.2	9.4	56.2	167.6
8.8	5.4	0.0	49.3	0.0	8.5	5.8	6.7	1.5	0.9	0.9	6.5	7.2	8.0		46.0	126.8
0.7	7.6	0.0	25.1	3.0	5.0	1.2	4.2	2.0	7.3	1.3	0.0	2.8	3.7	0.0	30.5	94.7

年計 2,084.2

Table 10. Daily Atmospheric Pressure at 9 AM (mb). (1992)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17
January																	
1014.4	1013.8	1015.3	1016.8	1017.3	1014.9	1012.3	1018.6	1009.7	1015.9	1014.9	1020.2	1014.9	1010.8	1011.4	1017.0	1013.1	1007.2
February																	
1007.3	1019.8	1010.2	1004.2	1012.2	1013.9	1012.1	1011.8	1013.9	1010.6	1011.6	1014.0	1010.1	1007.3	1009.5	1009.2	1003.3	1012.6
March																	
1008.1	1014.6	1015.5	1017.4	1007.1	1006.2	1016.1	1017.4	1014.0	1009.6	1012.6	1015.4	1014.8	1015.2	1014.0	1006.9	1009.6	1016.0
April																	
1004.0	1005.6	1010.1	1006.6	1003.2	1010.6	1015.8	1015.8	1010.7	996.5	1007.9	1001.0	999.5	1006.3	1010.3	1006.6	1005.7	1008.6
May																	
1003.8	1002.1	1006.4	1010.6	1014.5	1012.9	1005.1	997.6	1002.8	1012.2	1006.8	1017.7	1014.8	1009.5	1009.0	1006.8	1003.4	1003.7
June																	
1005.3	1006.0	1004.6	1003.7	1000.3	1001.6	997.2	999.6	1003.0	1004.1	1002.5	999.2	1001.3	1003.8	1003.3	1001.4	1003.0	1001.6
July																	
997.6	998.6	998.6	997.4	997.7	996.9	997.0	998.9	1003.2	1005.8	999.2	1006.7	1007.6	1006.3	1004.9	1003.8	1003.2	998.8
August																	
1001.5	1004.5	1005.9	1002.6	1003.9	1004.5	1003.2	998.7	1002.4	1006.0	1003.3	1005.0	1001.8	995.9	995.6	998.9	1003.1	1003.2
September																	
1007.2	1002.7	1000.2	998.7	1001.9	1004.7	1004.4	1002.8	1002.3	1001.2	1002.6	1000.7	1003.0	1003.3	1000.5	1002.4	1002.4	1005.1
October																	
1010.7	1011.0	1008.7	1006.5	1009.7	1013.7	1014.9	1012.5	1007.0	1012.5	1010.7	1012.2	1011.7	1012.2	1008.7	1004.1	1006.6	1007.7
November																	
1009.7	1019.4	1015.0	1013.5	1015.3	1012.9	1009.3	1013.5	1010.3	1010.5	1012.9	1015.9	1017.5	1016.5	1017.4	1014.0	1015.3	1018.3
December																	
1012.9	1016.5	1020.5	1024.0	1026.3	1021.1	1010.6	1006.0	1012.1	1005.2	1015.5	1005.5	1011.6	1003.0	1011.6	1014.9	1014.0	1012.8

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
1009.5	1015.7	1021.9	1014.2	1017.9	1010.2	1008.3	1012.7	1013.6	1012.4	1010.3	1013.8	1011.2	1009.6	1005.1	1011.4	1013.5
1009.2	1011.0	1010.8	1009.7	1011.8	1014.5	1014.5	1005.6	1009.4	1016.1	1011.8	1013.2	1010.7			1012.0	1011.1
1007.9	1016.6	1018.1	1013.5	1008.1	1022.1	1014.5	1009.3	1009.6	1011.7	1013.5	1014.4	1007.2	1008.2	1013.6	1012.0	1012.7
1003.2	1004.1	1007.4	1005.3	1005.6	994.3	1006.9	1006.4	1009.7	1008.4	1003.9	1000.8	1006.6	990.9		1003.4	1005.5
999.2	1002.9	999.1	1006.6	999.1	998.0	1000.8	997.6	1001.7	1000.5	1003.1	1003.5	1000.8	999.3	1002.1	1000.6	1004.7
1001.1	1007.0	1006.8	1002.9	1005.1	1002.2	998.5	1000.0	1004.2	1003.4	1003.5	1003.6	1002.5	999.2		1002.2	1002.5
994.9	1001.2	1005.2	1003.3	1006.0	1005.4	1005.3	1005.9	1004.8	1003.9	1002.6	1002.3	1001.8	1000.3	1000.3	1003.5	1000.2
999.6	991.4	995.0	999.0	997.9	1001.6	1002.4	1004.0	1004.3	1006.1	1006.6	1008.0	1008.2	1008.0	1007.3	1005.4	1002.6
1008.2	1009.3	1013.9	1004.9	1013.8	1014.3	1012.3	1007.7	993.5	1005.9	1013.5	1014.4	1006.5	1008.5		1009.0	1005.5
1009.2	1009.8	1006.9	1008.9	1009.5	1013.6	1011.8	1005.6	1005.4	1013.4	1018.0	1017.2	1010.4	1002.3	1007.8	1010.5	1010.0
1019.0	1015.5	998.5	1014.8	1004.8	1012.0	1011.9	1015.5	1009.0	1009.6	1020.4	1021.4	1017.9	1017.4		1014.0	1013.9
1016.0	1018.7	1014.2	1012.2	1010.2	1012.8	1007.8	1009.0	1019.8			1003.1	1011.0	1013.5	1016.8		