

## ◎統計と資料

## 三朝温泉地の気候について (第17報)

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我々は1956年以降, 三朝温泉地の気候要素について観察を行ってきた。今回は1993年1月1日から1994年12月末日までの2カ年間の気象観測資料を報告する。1985年4月以降は, 自動観察記録装置による資料であるが, 今回の報告では装置の故障のため, 資料の欠落部分が認められることをお詫びしておきたい。

## 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), 岡大温研報, 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), 環境病態研報告, 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.
16. 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16報), 岡大三朝分院研究報告, 65: 129-149, 1994.

## On climatology in Misasa spa (seventeenth report)

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Climatological data of the last 24 months (1993.1.1-1994.12.31) obtained by the climate autorecording system at the Misasa Branch in Misasa spa, Tottori-ken, Japan are presented. Because of system disfunction, some data defects are observed in this report.

Table 1. Daily Atmospheric Temperature at 9 AM (°C). (1993)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
2.9	7.8										5.8	1.9	4.3	5.7	6.5	7.8	0.9		
February																			
2.0	1.2	-0.2	3.5	1.4	13.9	15.6	1.3	1.4	1.8	4.2	2.3	3.1	3.5	5.0	1.6	5.6	12.2		
March																			
2.0	0.1	4.1	3.3	4.9	6.8	9.8	4.7	3.8	4.5	4.4	4.2	3.2	6.4	4.2	4.4	3.4	3.0		
April																			
12.5	10.0	12.9	12.3	7.2	8.0	9.7	3.2	6.9	4.7	8.7	6.9	6.8	9.8	13.4	14.2	12.7	16.3		
May																			
12.0	15.0	12.0	14.0	19.8	19.7	18.4	22.4	20.9	15.4	17.0	16.8	23.1	24.3	12.5	14.5				
June																			
21.7	20.1	20.0	18.4	14.6	15.3	20.3	22.9	20.5	23.1	19.7	21.2	24.3	23.6	24.1	23.3	23.5	26.5		
July																			
18.4	19.3	21.1	21.9	19.6	23.0	26.3	24.9	28.6	24.0	22.7	26.3	24.3	23.3	24.2	21.2	21.6	21.2		
August																			
																	20.8		
September																			
23.6	23.3	22.2	18.6	19.0	17.1	18.5	18.9	18.7	19.4	19.9				20.4	20.7	22.9	22.5		
October																			
15.1	15.5	14.3	17.0	15.9	14.8	15.8	15.8	15.2	15.9	15.5	15.3	15.1	16.1	15.8	12.5				
November																			
10.6	9.5	11.9	12.8	11.3	13.4	13.6	11.6	12.6	8.4	11.6	14.3	18.2	16.9	14.7	11.2	9.6	12.4		
December																			
12.3	5.1	11.2	5.8	5.0	3.6	5.0	2.8	6.5	7.0	6.4	7.6	2.8	10.2	6.9	0.5	0.5	2.9		

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
2.1	0.4	1.4	3.7	0.5	1.4	0.2	1.6	5.7	4.7	3.5	-1.1	-0.1	2.3	2.9	2.0	
5.5	4.2	4.8	4.8	7.1	8.3	-0.9	0.1	1.6	0.5	4.9	3.2				3.1	4.0
3.2	2.7	2.1	3.7	4.0	6.0	7.8	10.4	8.9	10.4	9.5	9.8	5.2	6.8	13.7	8.4	5.5
17.9	16.4	18.0	13.2	15.3	14.4	21.6	22.4		14.8	19.8	15.6	12.0	13.8			
		20.5		19.8	17.9	17.6	16.4	21.8	21.0	18.5	19.7	21.8	18.9	20.0	19.4	
26.0	22.3	23.3	23.8	18.9	23.8	19.6	20.3	24.5	22.3	24.0	22.5	19.7	19.6		21.5	21.7
22.8	19.5	19.4	22.4	20.3	22.8	24.2	24.5									
23.3	23.1	23.8		23.6	25.1	21.2	25.1	26.3	26.9	26.0	21.3	20.5	21.7	22.4	23.6	
23.6	20.7	18.1		17.5	17.5	18.8	20.4	19.1	17.6	18.9	17.5	19.8	18.5		18.6	
15.5	12.2	13.5		14.2	13.7	12.0	10.9	10.9	11.7	9.7	7.7	14.7	16.1	9.6	11.9	
15.0	10.5	9.5	13.2	15.6	7.7	8.4	1.5	4.8	7.8	10.4	6.3	4.9	6.8		7.4	10.7
1.4	1.9	1.0	3.6	6.0	0.4	1.7				4.7	6.7	3.0	-0.5	9.5		

Table 2. Daily Maximum Temperature (°C). (1993)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
11.8	14.4	12.7	6.0	6.5	8.2	10.9	9.7	10.1	9.1	9.9	7.0	10.3	8.8	7.3	10.0	10.3	5.6		
February																			
3.0	2.1	9.1	9.5	15.2	20.6	17.4	3.4	5.7	8.2	9.4	8.9	8.8	13.6	7.0	15.3	15.5	14.8		
March																			
4.6	5.2	10.4	10.5	18.1	17.3	11.0	6.1	9.6	11.3	10.4	10.3	11.4	9.8	13.0	6.9	5.2	5.2		
April																			
14.8	18.7	22.3	13.4	11.0	14.4	13.9	9.0	9.4	11.6	13.8	12.8	12.3	17.3	18.2	18.7	20.4	22.2		
May																			
16.9	18.4	15.5	20.0	25.5	22.0	24.6	26.7	24.2	16.9	21.0	27.3	29.8	31.2	15.0	20.8	20.9	19.1		
June																			
28.2	22.8	20.8	22.7	17.2	20.8	28.0	24.3	26.6	26.6	23.8	26.1	31.8	26.5	28.0	26.4	28.9	30.8		
July																			
29.0	25.4	22.3	25.1	24.0	26.3	29.7	28.7	29.4	30.5	27.0	27.7	30.6	27.1	25.0	23.2	26.4	22.9		
August																			
September																			
29.2	25.7	22.8	23.8	26.5	25.3	21.8	23.1	21.4	25.0	24.4	23.3	26.2	27.0	26.6	28.1	29.2	27.6		
October																			
23.2	19.0	19.1	21.9	21.7	19.6	18.1	18.6	23.9	27.0	21.2	21.7	24.3	19.4	18.5	22.2	23.0	17.8		
November																			
18.6	18.9	22.7	23.4	22.9	21.5	15.9	15.6	15.1	19.4	19.4	19.9	20.9	20.4	18.1	20.1	20.4	23.1		
December																			
16.7	17.9	13.2	9.3	9.4	9.9	10.5	12.8	13.4	9.6	12.2	9.5	13.0	14.1	8.8	1.8	8.0	6.1		

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
5.7	5.8	6.2	7.7	3.0	8.8	9.5	9.8	8.0	9.8	7.5	-0.4	5.6	7.8	9.9	7.2	8.2
10.0	6.5	10.8	11.1	17.0	11.5	3.5	1.7	4.7	8.6	9.6	8.5				8.1	9.6
8.1	9.7	9.6	8.9	13.0	15.1	17.1	16.8	16.0	16.5	16.8	15.0	7.3	15.5	18.3	15.2	11.6
25.4	23.8	23.4	19.4	24.6	21.5	25.8	27.4	17.4	21.2	20.9	22.6	12.9	14.9		20.9	18.0
23.7	26.9	27.8	24.2	27.3	20.6	23.4	27.6	27.5	24.0	24.0	27.7	31.1	25.5	26.6	25.9	23.8
30.2	22.4	24.4	27.5	25.4	29.3	21.2	25.3	28.7	24.4	29.8	24.8	22.0	20.3		25.1	25.5
28.5	25.5	28.7	26.5	29.7	27.4	26.5	32.2	34.1	32.5	27.2	26.8	29.2	25.8	29.7	29.2	27.6
28.2	26.5	27.7	27.0	25.8	23.1	26.9	26.2	25.3	22.9	24.4	25.5	22.0	18.7		24.1	25.2
20.5	21.0	22.0	21.0	22.3	18.8	14.2	15.2	18.7	16.8	18.2	22.3	20.0	19.7	12.5	18.0	20.0
19.8	13.1	17.0	19.3	17.6	9.4	10.1	8.2	10.8	13.0	17.2	11.1	11.9	15.9		12.5	17.0
4.1	9.9	13.4	8.8	9.9	4.1	7.7	11.8	13.8	14.5	8.3	9.3	10.3	14.5	13.6	10.7	10.6

Table 3. Daily Minimum Temperature (°C). (1993)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
0.1	0.2	-0.9	2.3	-0.4	-0.7	6.2	5.4	1.6	5.6	1.9	3.8	0.1	1.1	5.0	5.4	0.8	0.6		
February																			
0.2	-0.1	-2.6	1.4	-1.7	2.1	3.2	0.5	0.2	-1.5	0.2	-1.6	2.2	0.8	-2.5	-2.4	2.0	6.1		
March																			
-1.4	-1.5	-1.2	-1.9	-3.0	-0.5	3.8	2.1	1.9	0.7	-0.2	-0.6	-1.7	-1.6	-2.7	4.3	1.7	1.4		
April																			
3.7	0.4	4.6	5.9	1.6	-1.3	1.1	1.1	-0.6	-0.1	1.6	-0.6	-0.2	-1.1	3.0	3.1	4.0	5.8		
May																			
9.5	10.4	9.5	6.0	7.8	10.4	8.8	10.3	14.6	10.5	9.8	8.7	12.0	15.0	6.1	3.8	6.4	10.5		
June																			
9.9	17.5	14.7	14.4	12.8	11.4	9.5	13.6	14.0	12.5	13.0	12.7	11.3	22.4	21.3	21.3	19.4	19.4		
July																			
22.4	22.2	18.7	17.3	19.6	20.8	20.7	21.9	25.4	24.4	21.3	18.3	16.8	20.5	21.0	19.6	19.1	20.5		
August																			
September																			
18.1	19.1	21.1	15.1	13.4	12.2	15.0	16.8	17.2	17.9	16.6	17.3	17.4	19.4	17.8	16.3	17.9	20.2		
October																			
11.4	12.1	11.4	12.0	12.0	11.1	13.0	12.5	10.1	10.2	11.6	9.5	8.9	13.4	10.6	7.8	11.1	9.5		
November																			
7.5	4.8	7.7	6.7	7.0	7.5	11.5	10.5	7.6	4.2	7.4	13.6	13.9	15.8	11.3	7.6	5.4	7.8		
December																			
5.1	1.8	7.9	3.3	2.1	0.1	1.7	0.5	3.1	2.9	2.8	5.0	1.2	2.5	1.8	0.4	-0.4	0.4		

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
-0.8	-0.9	-1.6	1.3	-0.3	-0.8	-1.7	0.1	3.4	0.8	-1.0	-2.2	-0.9	-1.0	-0.2	-0.4	0.9
3.7	1.7	1.8	1.2	4.3	3.3	-1.0	-0.3	-0.1	-1.2	-1.4	1.8				0.7	0.7
0.6	0.5	-0.7	0.1	-2.4	-1.0	0.7	8.3	6.7	5.7	2.8	6.6	0.6	-2.1	8.4	3.1	1.1
7.6	5.9	6.0	3.3	10.0	11.5	11.1	16.4	4.2	2.4	10.9	10.8	11.6	10.0		9.9	5.0
11.0	8.4	8.1	9.0	11.0	15.1	12.6	12.2	11.2	10.8	8.7	7.2	10.1	15.3	12.7	11.5	10.1
19.6	19.9	18.7	18.6	16.8	15.0	17.5	16.9	16.7	18.6	17.2	18.3	18.1	17.4		17.2	16.3
20.4	20.0	20.8	19.7	20.4	18.0	16.8	16.8	19.5	19.8	18.9	16.7	14.5	18.9	16.7	17.9	19.6
20.2	15.4	12.1	17.4	15.4	15.7	13.8	15.7	13.5	13.2	12.3	10.8	16.3	14.7		14.1	16.0
9.4	7.8	7.3	9.5	8.2	6.1	4.7	7.6	6.6	4.6	3.5	1.5	14.0	8.3	7.3	6.6	9.1
11.5	8.3	6.6	10.2	8.5	2.3	1.7	-0.4	-0.2	3.6	6.1	0.9	0.1	3.5		2.6	6.7
0.5	0.5	0.1	1.2	0.3	-1.8	1.0	1.1	0.8	0.1	3.9	3.9	-0.9	-1.6	3.9	1.0	1.6

Table 4. Daily Amount of Precipitation (mm). (1993)

1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15	16	17			
January																				
0.0	0.5	1.5	19.0	3.0	3.0	24.5	2.5	0.0	5.5	59.5	2.5	0.5	1.0	1.5	1.0	0.0	2.0			
February																				
19.0	6.0	10.5	1.0	0.0	0.0	24.5	10.5	2.0	1.5	75.0	5.5	1.5	2.5	2.0	0.0	0.5	9.5			
March																				
1.0	10.0	2.0	0.0	0.0	0.0	37.0	2.0	0.0	0.0	52.0	0.0	0.5	0.0	0.0	15.5	0.5	2.0			
April																				
1.0	0.0	0.0	6.0	0.0	0.0	0.0	8.0	14.5	0.0	30.0	0.0	2.5	0.5	0.0	0.0	0.0	0.0			
May																				
June																				
July																				
August																				
September																				
0.0	0.5	31.5	63.5	0.5	0.0	0.8	6.0	7.5	1.0	118.5	1.5	2.0	10.0	47.5	0.0	0.0	6.5			
October																				
1.5	1.5	0.0	0.0	0.0	0.0	11.0	8.0	0.0	0.0	22.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0			
November																				
0.0	0.0	0.0	0.0	0.0	2.5	6.0	0.0	0.0	0.0	8.5	6.5	10.5	8.5	0.0	0.0	0.0	0.0			
December																				
3.0	0.0	9.0	0.0	0.0	1.5	1.5	0.5	0.0	3.0	18.5	14.5	0.0	5.5	22.5	40.5	0.0	37.0			



18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月計
1.0	2.5	1.0	13.0	9.5	24.5	3.0	5.5	23.0	7.0	2.0	0.0	7.0	14.5	7.5	103.5	176.0
0.5	2.0	0.0	24.0	6.0	5.5	3.0	0.0	8.0	27.0	11.5	3.5				64.5	163.5
12.5	10.5	5.0	46.5	0.5	0.0	0.0	15.5	8.5	0.0	0.0	9.5	6.0	0.0	0.0	40.0	138.5
0.0	0.0	0.0	3.0	0.0	8.0	0.0	0.0	0.5	0.5	0.0	0.5	0.0	0.0		9.5	42.5
10.0	0.0	0.0	77.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	3.5	19.0		23.5	219.5
0.0	0.0	0.0	5.5	0.0	0.0	3.5	5.5	0.5	3.5	0.0	0.0	3.0	5.0	0.5	21.5	49.0
17.0	16.0	2.5	61.0	11.5	8.5	2.0	15.0	0.0	0.0	0.0	8.0	0.0	1.0		46.0	115.5
0.5	0.0	0.0	120.5	1.5	5.0	3.0	0.0	0.0	4.0	6.0	0.0	0.0	0.0	26.5	45.5	184.5

Table 5. Wind Direction at 9 AM. (1993)

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

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

Table 6. Wind Speed at 9 AM. (1993)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
January															
0.0	0.7									0.1	1.6	0.1	0.3	0.1	2.2
February															
1.7	1.7	0.1	0.4	0.1	2.9	1.3	0.4	0.1	1.7	0.4	0.8	0.1	1.4	1.3	1.3
March															
1.4	0.0	0.5	0.4	0.8	0.1	0.4	0.5	0.0	0.1	0.7	0.2	1.8	0.5	0.2	0.9
April															
2.3	0.4	0.2	0.8	0.6	0.7	2.1	1.6	1.9	0.1	2.4	1.2	0.2	0.2	0.6	0.0
May															
2.0	2.3	0.2	1.4	1.3	1.7	1.3	1.5	2.2	0.0	0.0	1.2	2.9	3.4	0.9	
June															
1.5	5.2	5.0	1.5	1.1	0.5	2.3	0.5	0.4	0.9	0.4	0.0	3.8	0.2	1.2	1.5
July															
0.4	0.4	0.1	0.1	1.5	0.9	0.9	0.5	1.6	1.2	0.5	0.5	1.1	0.2	0.9	0.4
August															
September															
0.7	0.9	1.1	4.7	0.6	0.0	0.3	0.1	1.5	0.6				1.2	1.4	0.2
October															
0.5	0.7	0.5	0.3	0.0	0.8	0.6	0.5	0.7	0.5	0.8	0.5	0.7	1.4	0.4	
November															
1.0	0.1	0.1	1.4	0.5	0.6	1.6	0.0	2.1	0.3	1.1	0.5	0.3	0.1	0.2	0.8
December															
0.1	1.8	0.2	1.8	1.4	0.9	0.7	0.5	0.6	0.0	1.7	0.3	0.4	0.0	0.0	1.0

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0.0	1.2	0.8	0.0	0.0	0.0	1.2	0.1	0.0	0.0	1.2	2.1	1.1	0.3	0.5
0.3	0.0	2.3	0.1	0.5	0.0	2.9	0.0	1.8	0.5	3.0	0.8			
0.5	0.9	0.2	2.1	0.3	0.1	0.2	0.8	0.2	0.1	0.1	0.1	2.3	2.8	2.0
0.3	0.2	0.8	1.3	0.9	1.1	7.1	2.4		3.1	0.3	0.1	1.6	0.5	
			0.7	1.7	2.6	0.4	0.9	0.2	1.7	0.8	0.8	0.8	0.0	0.1
0.8	0.5	0.2	0.8	0.0	1.1	1.4	0.7	0.2	0.5	0.0	1.4	0.5	0.1	
0.0	0.7	0.6	0.5	0.8	0.6	0.5	0.6							
1.5	0.4	0.6	0.3	0.3	0.6	0.6	0.5	0.6	0.8	1.5	0.7	0.4	0.7	1.1
0.5	0.1	1.0	1.5	1.6	1.5	0.7	0.3	0.6	0.3	1.7	0.7	0.3	0.5	
	0.5	0.2	0.3	0.4	1.5	4.5	1.3	0.4	0.1	0.3	0.4	0.2	0.1	0.5
0.5	0.1	0.2	0.2	0.4	0.7	2.5	0.1	2.2	0.4	1.1	2.0	1.0	0.5	
1.7	0.6	2.2	0.6	0.5	4.8	0.4				1.7	1.2	0.3	0.8	1.3

Table 7. Daily Weather (1993) : ○ Clear days, ⊕ Fine days, ⊙ Cloudy 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																		
●	○	⊙	⊙	⊙	⊙	⊙	○	○	⊙	●	○	⊙	●	*	○	●	⊙	⊙

⊕ Slightly cloudy days, ● Rainy days, \* Snowy days, △ Hail

20	21	22	23	24	25	26	27	28	29	30	31	○	⊕	⊙	⊖	●	*	△
⊙	*	⊙	○	⊙	●	⊙	⊙	*	⊙	⊙	○	4	0	18	1	5	3	0
○	●	⊙	*	*	⊙	○	⊙	⊙				7	0	14	0	3	4	0
⊙	○	○	○	⊙	○	⊙	○	⊙	⊙	○	⊙	11	0	15	0	3	2	0
○	⊖	●	⊙	○	⊙	○	⊙	⊙	⊙	●		12	0	13	1	4	0	0
⊖	○	⊙	⊙	⊙	○	○	○	⊖	○	○	⊙	15	0	11	2	3	0	0
⊙	⊙	○	●	⊙	⊙	⊙	○	⊙	●	●		11	0	11	2	6	0	0
●	○	⊙	○	○	⊙	⊙	●	●	⊖	⊙	○	6	0	13	1	11	0	0
⊙	⊙	⊙	⊙	○	○	○	⊙	⊙	○	⊙	○	8	0	17	0	6	0	0
○	⊙	⊙	○	○	○	○	⊙	○	⊙	●		10	0	12	0	8	0	0
○	○	⊙	⊙	○	⊖	○	○	○	●	⊙	●	15	0	11	2	3	0	0
⊙	●	●	⊙	⊙	⊙	⊙	⊖	●	⊖	⊙		9	0	12	3	6	0	0
○	⊙	⊙	⊙	○	○	●	⊙	⊙	○	○	●	10	0	14	0	6	1	0
計												118	0	161	12	64	10	0

Table 8. Daily Humidity (%) at 9 AM. (1993)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
88.6	59.6										87.4	88.8	88.9	87.3	88.0	53.7	87.4		
February																			
82.1	57.6	81.5	87.2	88.5	40.4	67.4	81.3	79.1	89.5	75.5	83.0	86.5	79.8	50.0	69.0	70.7	84.0		
March																			
64.3	85.0	71.8	79.3	63.5	65.7	81.8	46.3	72.7	75.2	70.6	74.9	81.2	45.7	62.3	86.0	44.9	65.3		
April																			
54.8	50.7	50.2	71.1	50.4	50.3	52.6	88.4	58.7	87.7	61.5	58.9	64.1	35.2	50.2	47.4	48.1	45.2		
May																			
58.3	65.7	85.3	57.9	40.7	52.4	55.0	38.6	48.1	84.6	58.7	64.5	38.8	56.0	86.0	57.1				
June																			
55.2	53.8	47.6	52.7	84.4	73.2	57.5	50.1	53.0	46.5	57.4	58.0	46.7	61.4	84.8	80.5	79.3	63.6		
July																			
84.7	85.3	85.1	73.3	85.2	58.7	60.0	77.6	53.6	84.9	74.8	73.9	84.6	84.8	83.3	84.3	69.6	85.5		
August																			
September																			
68.9	73.9	85.2	85.3	84.9	68.9	81.0	83.5	86.6	84.1	80.2				85.6	79.1	72.4	86.5		
October																			
84.8	70.7	78.5	80.6	86.1	73.3	77.9	86.3	81.1	67.7	78.7	70.0	76.8	83.8	86.8	78.6				
November																			
79.2	87.0	85.3	76.8	79.9	75.8	84.1	83.5	51.6	84.9	78.8	86.6	66.1	86.3	87.0	87.9	87.9	87.4		
December																			
84.8	88.9	87.0	59.2	72.1	88.9	86.5	88.6	87.3	83.6	82.7	57.4	87.2	69.1	84.0	87.9	88.2	82.2		



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
87.5	82.1	65.8	81.7	87.9	88.2	87.8	88.3	87.0	87.7	87.3	87.8	86.0	81.0	76.1	85.9	
87.7	80.7	64.5	75.6	86.8	86.8	82.2	86.8	83.5	85.6	58.7	88.1				82.3	77.8
87.9	88.1	87.5	72.4	64.2	63.3	64.8	74.3	81.1	59.9	70.4	71.6	40.0	39.5	45.4	61.3	68.1
45.8	55.7	45.7	49.6	63.9	85.6	37.7	49.1		35.8	50.7	77.5	86.1	84.8			
		47.0		48.8	64.6	65.7	78.2	41.6	48.5	48.6	42.2	45.2	78.3	67.9	57.2	
68.3	85.0	68.2	69.6	80.2	50.8	85.4	63.2	60.1	85.2	73.8	69.8	86.1	86.1		74.1	67.0
81.2	78.9	76.1	80.2	68.4	70.9	66.2	68.5									
72.4	84.7	85.4		85.5	76.3	77.2	72.6	59.7	64.6	65.0	78.6	65.1	73.9	70.8	71.8	
84.6	54.8	59.6		77.9	72.4	74.4	70.1	73.7	73.9	68.1	77.3	77.5	86.3		75.2	
78.6	82.8	74.8		77.6	76.2	59.7	88.6	88.6	83.6	79.3	80.4	86.5	85.1	71.0	79.7	
86.0	80.8	85.7	84.2	85.9	84.6	53.2	87.8	79.1	72.8	78.8	80.6	79.1	82.5		78.4	80.5
88.0	87.4	87.2	81.9	78.1	73.5	77.5				87.7	42.7	82.7	84.9	86.5		

Table 9. Daily Duration of Sunshine (hours). (1993)

1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15	16	17		
January																			
6.6	2.6	0.6	0.0	0.7	2.7	0.0	0.6	0.8	0.0	14.6	0.0	5.3	0.0	0.0	0.0	3.3	0.9		
February																			
0.5	0.9	8.9	3.4	9.2	9.2	0.0	0.9	2.3	4.6	39.9	1.0	2.5	9.1	2.7	7.1	3.4	0.4		
March																			
5.9	6.1	7.8	8.1	10.4	6.8	0.0	1.8	6.3	6.2	59.4	6.3	7.0	9.3	10.1	0.0	2.6	1.8		
April																			
9.7	10.5	10.4	1.6	6.0	10.3	7.7	3.5	4.2	9.3	73.0	5.0	7.5	10.9	10.5	8.9	9.7	10.3		
May																			
6.5	0.0	3.8	11.5	11.7	4.9	11.3	9.2	5.8	1.9	66.6	10.7	10.1	3.6	2.4	11.6	12.0	1.4		
June																			
12.0	5.0	5.9	7.4	2.0	7.4	11.6	4.9	10.0	11.3	77.5	10.7	11.3	1.7	5.7	0.3	8.1	10.4		
July																			
2.1	0.0	0.6	3.6	7.1	11.0	8.1	0.5	6.3	5.3	44.6	8.9	1.7	2.2	0.0	3.2	9.4	0.5		
August																			
5.4	2.6	1.0	4.9	2.2	3.9	7.6	2.8	1.3	4.5	36.2	7.2	10.4	1.9	0.0	0.6	5.0	0.1		
September																			
9.3	1.8	0.0	0.4	10.2	8.7	1.9	4.7	1.6	4.3	42.9	3.2	3.5	4.2	4.0	7.1	9.6	2.5		
October																			
8.4	5.9	0.9	4.5	4.6	3.7	0.0	0.0	10.5	10.1	48.6	7.8	7.5	1.8	4.0	9.4	8.9	0.0		
November																			
4.8	7.5	8.9	9.5	6.8	5.3	0.0	0.0	2.5	4.8	50.1	1.6	1.8	0.7	0.5	8.7	8.4	5.2		
December																			
0.0	7.6	0.0	4.4	0.4	1.9	1.3	5.6	7.0	0.0	28.2	0.3	7.5	1.4	0.0	0.0	5.7	0.0		

18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月計
0.9	4.5	3.2	18.1	1.0	5.9	4.9	2.3	0.3	2.1	0.8	0.2	6.3	5.3	5.2	34.3	67.0
2.0	0.9	7.4	36.5	1.0	1.3	2.9	0.9	4.8	8.6	5.8	1.7				27.0	103.4
4.4	5.4	5.1	52.0	10.5	10.5	9.2	0.0	7.8	7.3	8.5	1.6	4.8	9.5	5.3	75.0	186.4
11.0	10.8	10.0	94.6	8.7	3.9	4.1	4.4	4.4	11.2	9.6	2.5	0.0	0.3		49.1	216.7
8.1	10.1	8.9	78.9	11.0	0.2	8.2	7.3	11.8	11.6	11.7	11.9	9.6	5.6	9.9	98.8	244.3
6.9	0.1	3.9	59.1	4.7	8.9	0.7	9.9	7.3	2.2	10.7	1.0	0.0	0.0		45.4	182.0
1.6	7.8	5.2	40.5	8.4	9.3	11.5	5.0									
8.7	2.0	3.1	39.0	5.0	0.9	6.7	11.4	11.4	11.0	2.9	7.9	10.9	2.7	10.4	81.2	156.4
2.4	8.5	9.9	54.9	7.5	4.4	9.0	7.9	8.1	7.8	9.0	7.9	0.1	0.0		61.7	159.5
3.7	9.8	7.6	60.5	8.4	3.6	1.5	2.1	6.5	7.4	6.6	9.0	0.0	0.0	1.8	46.9	156.0
2.2	0.0	1.8	30.9	0.0	0.7	0.2	4.9	1.8	1.4	6.1	0.7	2.1	0.6		18.5	99.5
1.3	4.3	7.7	28.2	0.0	3.4	2.0	4.0	6.3	6.8	0.2	1.8	4.4	6.1	0.0	35.0	91.4

Table 10. Daily Atmospheric Pressure 9 AM (mb). (1993)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
1018.8	1014.2										1008.6	1015.0	1015.7	1009.0	1005.9	1002.1	1012.0		
February																			
1008.8	1015.1	1018.5	1012.8	1012.3	1005.2	995.6	1010.7	1010.4	1014.4	1010.4	1009.3	1011.8	1014.4	1017.9	1015.7	1011.7	996.7		
March																			
1009.4	1013.4	1014.1	1012.3	1014.1	1014.8	1004.7	1013.5	1016.4	1012.0	1012.5	1013.0	1011.3	1012.8	1014.9	1008.2	1009.4	1010.2		
April																			
1002.9	1008.3	1007.2	1004.9	1009.6	1011.4	1004.7	1008.8	1012.7	1016.5	1008.7	1010.6	1016.4	1017.5	1016.1	1012.4	1006.8	1001.3		
May																			
1012.7	1002.0	1005.3	1013.4	1012.3	1007.8	1005.0	1004.2	1004.0	994.5	1006.1	1006.0	1006.8	1003.4	1003.4	1011.4				
June																			
1005.5	993.0	989.2	996.3	1001.6	1004.6	1006.3	1004.8	1004.1	1005.4	1001.1	1005.4	1003.8	998.9	998.8	996.9	1000.7	1002.1		
July																			
1003.8	1003.7	1001.4	1003.7	998.5	1000.5	998.8	1001.5	1003.1	1003.8	1001.9	1001.8	1000.5	997.6	992.0	997.7	1002.0	994.9		
August																			
																	999.9		
September																			
1004.5	1003.9	1002.6	995.7	1008.0	1009.2	1006.1	1003.5	1002.1	1005.1	1004.1				1006.1	1007.5	1007.6	1004.5		
October																			
1005.8	1011.9	1010.9	1009.2	1010.1	1011.5	1007.0	1002.9	1007.8	1007.5	1008.5	1015.0	1014.1	1011.6	1011.9	1015.4				
November																			
1013.3	1017.3	1016.2	1013.4	1013.4	1011.8	1013.4	1014.9	1019.1	1017.7	1015.1	1013.0	1009.4	1003.5	1004.0	1013.1	1014.0	1014.3		
December																			
1010.1	1009.5	1005.5	1008.8	1014.2	1015.9	1016.9	1016.7	1018.8	1008.6	1012.5	1005.2	1016.6	1015.8	1014.8	1019.9	1021.4	1014.8		

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
1010.8	1012.2	1010.4	1010.2	1015.6	1017.7	1015.0	1013.4	1010.3	1010.5	1007.3	1005.8	1012.1	1009.4	1011.6	1011.7	
1013.6	1016.2	1018.7	1012.6	1003.7	998.7	1002.8	1010.2	1015.0	1015.3	1011.9	1004.3				1007.7	1010.2
1012.3	1015.3	1015.8	1012.3	1018.2	1015.1	1013.0	1004.4	1006.6	1005.9	1008.7	1001.6	1010.6	1014.3	1005.0	1009.4	1011.4
1001.9	1006.1	1008.4	1009.8	1010.6	1003.3	997.7	994.4		1007.5	1005.0	1004.6	1001.7	1003.8			
		1005.3		1007.0	998.1	1002.9	1001.2	1002.7	1006.0	1005.8	1001.8	1000.2	997.6	1001.6	1002.3	
1001.2	998.9	997.9	1000.5	1001.5	1000.4	991.1	1000.6	1002.0	999.7	1004.5	1004.6	995.9	996.5		999.7	1000.4
992.6	998.5	1001.7	997.9	1004.0	1006.1	1005.5	1002.8									
1004.3	1004.5	1004.4		1005.4	1002.1	1006.3	1002.6	1001.9	999.3	9995.4	1000.9	1005.2	1006.7	1007.2	1003.0	
1003.6	1010.1	1009.7		1007.5	1005.8	1002.3	1005.1	1007.4	1008.7	1006.6	1004.2	1006.9	1003.6		1005.8	
1009.5	1010.5	1010.0		1008.9	1008.9	1005.4	1008.8	1008.7	1015.2	1021.3	1022.1	1014.5	1007.1	1006.6	1011.6	
1012.6	1020.2	1016.6	1012.1	1000.6	1010.1	1010.2	1015.9	1018.7	1015.8	1011.8	1016.4	1020.2	1018.1		1013.8	1013.7
1018.4	1017.4	1015.7	1016.0	1008.2	1010.5	1012.2				1010.5	1015.9	1021.0	1015.5	1001.3		

Table 1. Daily Atmospheric Temperature at 9 AM (°C). (1994)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
4.1	5.7	7.9	3.8	4.1	5.2	4.4	0.8	2.0	3.5	4.2	3.9	4.3	3.9	3.2	1.1	-1.5	12.4		
February																			
4.1	2.5	0.4	1.0	3.3	2.3	2.8	2.3	5.6	0.6	2.5	0.2								
March																			
5.1	2.3	0.9	3.9	3.5	2.6	5.8	14.8	7.4	1.8	4.8	5.8	5.3	5.0	2.0	0.7	3.4	4.6		
April																			
12.0	12.5	11.5	12.4	16.0	17.4	17.2	8.8	6.6	10.9	12.5	16.7	19.6	10.4	13.5	15.2	15.4	18.8		
May																			
18.4	20.6	23.1	24.3	16.8	17.1	23.1	24.0	18.2	23.4	20.9	16.1	14.9	16.5	23.5	21.5	18.8	16.1		
June																			
20.7	21.4	23.3	22.6	23.5	21.8	20.1	21.1	20.8	20.7	21.6	20.3	24.6	23.3	19.4	20.5	24.2	23.9		
July																			
28.0	31.5	25.3	29.4	29.5	26.4	29.7	28.2	24.3	29.5	28.2	30.0	28.7	28.4	30.5	31.8	29.4	28.6		
August																			
31.4	32.8	32.1	31.2	29.5	29.9	30.6	30.5	30.4	32.0	31.0	30.7	31.8	31.2	31.3	30.9	30.4	30.5		
September																			
27.0	24.6	24.1	24.4	27.4	24.5	21.9	26.4	24.1	25.4	25.0	22.6	20.6	20.7	19.1	19.7	19.8	23.7		
October																			
19.8	17.5	17.7	19.6	19.5	15.7	15.6	17.7	15.1	18.7	17.7	20.3	25.9	20.7	17.7	16.0	21.9	15.8		
November																			
12.8	9.2	12.9	12.1	10.8	16.7	15.3	13.4	12.9	14.9	13.1	13.5	13.3	14.2	10.9	8.7	5.5	11.5		
December																			
5.3	8.5	6.6	6.0	7.7	5.8	11.2	6.0	11.7				6.8	9.0	4.5	5.1	0.8	0.5		

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
5.8	0.5	-0.3	3.3	0.3	0.3	-0.6	0.2	1.6	4.7	2.6	1.5	1.9	1.3	-0.1	1.2	2.9
3.8	6.0	5.2	4.2	6.4	3.2	7.0	3.8	1.8	3.9	3.5	9.0	7.1	5.3	9.1	5.5	4.8
11.4	15.9	15.3	15.2	17.4	20.6	18.7	14.7	15.1	16.1	15.1	17.4	19.5	16.4		17.1	14.9
17.0	16.0	16.4	17.7	19.6	23.3	24.6	24.9	22.8	18.8	22.2	20.2	21.9	21.9	19.4	21.8	20.1
20.3	19.8	17.3	21.4	16.7	20.3	18.6	20.1	22.8	28.3	27.7	20.6	20.5	25.6		22.1	21.7
28.4	25.4	29.1	29.0	29.8	29.7	30.9	31.3	27.8	29.2	31.2	30.3	28.7	30.1	28.9	29.8	29.0
30.1	26.2	26.6	30.0	22.7	24.4	24.1	24.9	27.5	29.6	29.7	27.8	27.5	27.2	28.0	26.7	29.2
20.7	20.3	20.5	20.8	20.0	21.9	19.2	19.2	18.1	17.5	18.8	19.4	20.6	21.3		19.6	21.8
13.1	14.2	15.0	18.1	13.0	13.0	11.8	13.7	12.5	12.2	13.1	14.3	14.9	11.9	9.9	12.8	16.2
18.7	15.5	11.9	12.4	11.0	14.0	7.6	3.3	10.6	6.6	7.2	5.0	9.8	5.4		8.1	11.2
2.7	0.7	1.4		3.8	1.4	1.7	3.2	10.2	1.3	5.3	6.7	3.5	2.1	4.8	4.0	

Table 2. Daily Maximum Temperature (°C). (1994)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
7.6	13.7	12.0	11.9	10.7	13.1	6.4	10.4	13.7	14.0	11.3	12.5	6.3	6.4	5.0	6.5	10.7	13.1		
February																			
March																			
7.3	7.9	10.5	9.5	6.8	10.7	12.6	15.0	12.7	5.4	9.8	10.0	6.7	8.4	5.2	5.0	11.9	7.9		
April																			
20.4	23.0	17.3	23.3	25.1	26.6	17.3	9.9	10.8	15.3	18.9	23.8	22.3	17.0	20.9	20.8	23.7	22.0		
May																			
24.2	23.0	28.5	28.7	22.3	23.8	28.9	26.8	27.6	26.6	26.0	20.9	16.2	24.9	28.4	27.6	27.5	19.2		
June																			
28.7	25.5	30.3	30.9	28.6	25.5	24.7	25.2	26.7	24.2	27.0	28.4	25.7	27.5	20.7	26.4	29.1	28.9		
July																			
32.3	36.6	32.7	34.3	37.1	32.3	32.2	32.5	32.1	34.6	33.6	34.9	32.6	34.0	35.6	35.0	34.2	34.1		
August																			
36.0	36.3	35.5	35.9	35.0	34.7	36.3	35.8	36.7	36.6	35.9	36.2	37.9	35.5	34.2	37.9	38.5	36.3		
September																			
32.7	29.7	30.2	32.9	35.0	27.5	30.6	30.1	29.6	34.5	31.3	27.2	24.5	24.8	24.1	21.3	25.3	30.6		
October																			
23.7	24.5	23.9	25.3	25.0	24.6	25.6	25.4	24.1	24.4	24.6	25.4	30.2	27.0	24.9	25.7	25.9	18.9		
November																			
16.4	19.6	20.0	17.5	21.4	22.7	18.2	19.1	22.9	20.8	19.8	24.7	23.1	14.5	15.6	10.6	12.6	19.3		
December																			
17.4	17.5	11.2	12.5	10.6	14.0	14.7	16.2	14.4	12.7	14.1	9.8	15.1	10.9	7.7	8.1	2.5	7.4		



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
7.4	1.9	4.8	7.4	4.1	2.4	3.1	5.8	7.8	11.4	6.7	8.0	3.2	3.6	8.5	5.9	8.1
14.3	15.1	9.0	9.3	9.3	12.1	10.6	11.1	5.8	7.7	12.9	14.3	9.6	13.5	17.9	11.3	10.2
20.9	21.4	20.3	21.3	24.0	25.2	18.7	19.9	22.2	22.3	25.2	22.6	24.4	24.4		22.9	21.0
27.8	20.5	23.6	23.6	24.0	26.2	28.7	30.5	28.5	22.6	22.6	25.5	26.2	26.6	26.9	26.2	25.3
23.3	25.0	18.8	25.4	20.7	26.6	21.2	20.9	28.5	33.9	29.2	21.9	26.7	27.2		25.7	26.0
34.2	32.9	35.3	34.3	35.6	35.8	37.5	35.3	31.3	31.6	36.5	35.2	34.1	33.6	36.1	34.8	34.2
35.3	30.6	31.5	35.4	29.4	27.6	30.1	30.9	34.6	35.9	34.4	34.0	32.9	33.6	33.8	32.4	34.5
30.2	26.8	29.1	26.4	29.3	23.2	25.9	25.2	24.9	25.2	24.1	20.2	23.4	23.5		24.5	27.4
20.3	24.2	16.7	23.9	15.7	13.9	19.7	16.3	20.7	21.0	22.7	19.4	19.6	20.9	16.4	18.7	22.3
20.2	18.4	16.8	17.6	12.3	14.7	9.8	15.4	12.2	13.8	10.8	15.1	13.3	11.1		12.8	16.7
9.2	2.5	8.9	8.2	5.7	13.5	16.6	16.5	11.3	11.2	14.0	9.0	6.9	11.4	7.0	11.2	11.2

Table 3. Daily Minimum Temperature (°C). (1994)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
-0.5	-0.4	2.3	2.3	1.7	1.8	0.9	-0.6	-0.8	1.1	0.8	1.5	3.1	1.5	0.4	-1.6	-2.6	4.1		
February																			
March																			
2.1	-0.6	-3.1	-1.0	-0.7	-0.2	0.1	7.8	5.0	1.3	1.1	-1.6	2.3	1.6	0.2	-2.6	-2.1	0.3		
April																			
2.6	7.2	4.0	2.6	7.4	9.4	9.1	6.0	0.4	-0.3	4.8	6.3	14.4	5.0	4.5	3.1	3.8	8.6		
May																			
13.5	12.5	12.7	13.5	10.3	8.0	6.8	8.2	4.4	11.0	10.1	14.1	12.2	7.6	14.3	16.8	15.0	12.5		
June																			
10.7	10.9	9.4	12.6	13.7	12.1	16.0	17.9	17.2	14.6	13.5	10.5	14.3	19.6	17.5	15.6	14.5	16.3		
July																			
23.6	24.6	22.9	21.8	21.1	22.4	23.2	23.6	22.8	21.7	22.8	21.9	21.8	20.9	22.7	23.2	22.0	19.9		
August																			
25.6	25.8	24.6	23.1	21.6	21.9	23.7	23.1	23.5	26.0	23.9	27.4	24.8	24.4	29.1	25.6	20.9	21.4		
September																			
21.4	21.2	18.9	16.7	20.6	21.6	21.1	21.7	19.0	17.7	20.0	18.5	17.4	16.9	15.4	17.9	18.1	16.4		
October																			
14.7	13.7	12.5	13.8	12.8	9.9	8.6	13.4	10.5	15.5	12.5	18.0	19.2	14.8	12.7	11.2	12.5	12.1		
November																			
6.6	5.1	7.8	5.1	4.7	10.5	7.3	7.4	5.8	11.8	7.2	9.5	10.3	11.0	9.5	5.7	2.9	9.3		
December																			
2.9	5.6	6.0	3.3	4.7	0.8	0.6	4.3	9.3	2.5	4.0	1.8	4.0	5.1	4.2	1.1	-0.8	-1.8		

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
0.8	-0.7	-1.7	0.5	-1.1	-1.8	-2.6	-1.6	-0.2	-0.7	1.4	-0.4	-0.2	-0.8	-2.3	-1.0	0.1
-1.4	-0.7	2.5	-0.2	-1.1	-1.7	5.3	0.2	0.1	0.5	0.3	0.2	-1.2	-2.7	-0.2	-0.1	0.3
6.8	10.3	8.4	7.1	11.5	11.3	13.9	11.1	9.2	7.7	6.8	8.3	6.1	9.3		9.5	7.1
8.0	7.0	4.6	11.2	8.8	14.5	12.5	14.0	15.9	18.5	11.8	8.2	10.2	11.5	9.8	12.3	11.2
18.3	18.3	15.5	16.0	12.9	9.8	16.6	17.2	15.7	20.0	20.4	19.4	19.0	19.2		17.0	15.5
20.2	19.6	19.3	21.1	20.2	22.3	20.7	22.8	22.2	24.4	25.1	22.9	20.9	23.7	23.9	22.6	22.2
21.7	20.7	21.0	23.7	21.5	20.9	19.6	17.9	20.2	21.8	23.3	22.3	21.8	22.3	22.0	21.2	22.9
13.7	16.2	14.8	16.5	15.4	17.7	15.3	14.7	13.5	11.9	14.4	18.8	19.2	18.2		15.9	17.5
9.4	7.9	13.3	13.1	11.9	9.3	9.0	10.3	8.4	7.1	7.3	10.9	9.2	7.4	7.5	8.9	11.4
14.6	13.6	9.1	9.5	8.5	7.8	1.9	0.1	5.2	4.8	2.5	0.6	2.9	1.9		3.6	6.8
0.9	0.4	0.7	1.5	2.8	-0.1	-0.7	2.0	3.5	0.0	2.6	4.7	0.5	-0.3	2.8	1.6	2.3

Table 4. Daily Amount of Precipitation (mm). (1994)

1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15	16	17		
January																			
0.0	0.0	0.5	0.0	0.0	0.0	11.5	0.0	0.0	0.0	12.0	11.5	12.5	12.0	26.5	1.0	0.0	18.0		
February																			
March																			
3.5	5.5	0.0	0.5	3.0	0.0	7.0	5.0	2.0	7.5	34.0	0.0	7.0	0.5	19.0	2.0	0.0	1.0		
April																			
4.5	1.0	0.0	0.0	0.0	0.0	12.0	0.5	0.0	0.0	18.0	0.0	0.5	3.0	0.0	0.0	0.0	0.0		
May																			
0.5	0.0	0.0	2.5	1.0	0.5	0.0	0.0	0.0	0.0	4.5	51.0	9.0	0.0	0.0	1.5	0.5	2.0		
June																			
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.0	1.5	0.0	0.0	2.0	10.5	0.0	0.0	0.0		
July																			
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
August																			
0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
September																			
0.0	7.0	1.5	0.0	0.0	4.0	2.0	0.0	0.0	0.0	14.5	1.0	0.0	0.0	3.0	1.0	0.0	0.0		
October																			
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.5	0.0		
November																			
0.0	0.0	1.5	0.0	0.0	15.0	0.0	0.0	0.0	0.0	16.5	0.0	0.0	1.5	1.0	10.0	0.0	0.0		
December																			
0.0	0.0	0.5	0.0	1.0	0.0	1.5	0.0	11.0	0.0	14.0	1.0	2.5	18.0	0.5	2.0	14.5	0.0		

18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月計
16.5	22.5	0.5	121.0	13.0	1.5	7.0	2.0	0.0	1.0	7.5	2.5	10.5	2.5	0.0	47.5	180.5
0.0	0.0	2.5	32.0	0.0	0.0	5.5	2.5	4.5	12.0	0.5	0.0	1.0	0.0	0.0	26.0	92.0
6.0	1.0	0.0	10.5	0.0	0.0	18.0	1.5	0.0	0.0	0.0	0.5	0.0	0.0		20.0	48.5
0.0	0.0	0.0	64.0	0.0	0.0	0.0	0.0	0.0	16.0	7.0	0.0	0.0	0.0	0.0	23.0	91.5
11.0	12.0	15.5	51.0	0.5	0.0	2.5	5.0	0.0	0.0	10.0	39.5	0.0	1.0		58.5	111.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.5	0.0	0.0	0.0	0.0	14.5	0.0	30.5	30.5
13.5	4.5	0.0	18.0	22.5	52.5	0.5	0.0	0.0	0.0	3.0	12.0	0.0	0.0	0.0	90.5	109.0
0.0	0.0	0.0	5.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0		2.5	22.0
1.0	0.0	15.0	17.0	22.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	71.0	88.5
11.0	11.0	7.5	42.0	15.5	11.0	10.0	0.0	6.5	1.0	1.5	0.0	1.5	0.0		47.0	105.5
6.0	28.5	0.0	73.0	6.0	0.0	0.0	0.0	2.0	0.0	1.5	14.0	10.5	0.0	18.0	52.0	139.0

Table 5. Wind Direction at 9 AM. (1994)

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

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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ENE	CALM	WSW	ENE	CALM	CALM	E	ESE	NE	NE	E	ENE	SW	NNE	ENE
-----	------	-----	-----	------	------	---	-----	----	----	---	-----	----	-----	-----

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CALM	CALM	CALM	CALM	ENE	ENE	NE	ESE	CALM	E	ENE	ESE	ENE	CALM	CALM
------	------	------	------	-----	-----	----	-----	------	---	-----	-----	-----	------	------

S	NE	CALM	SSW	SW	SSW	SSW	N	CALM	SW	SW	ESE	SW	SW	
---	----	------	-----	----	-----	-----	---	------	----	----	-----	----	----	--

N	SSW	SW	NNE	ENE	WSW	WSW	CALM	SE	WSW	NW	SW	CALM	CALM	SSW
---	-----	----	-----	-----	-----	-----	------	----	-----	----	----	------	------	-----

SW	ENE	SW	SSW	WSW	CALM	CALM	CALM	ENE	WNW	W	CALM	SW	NNE	
----	-----	----	-----	-----	------	------	------	-----	-----	---	------	----	-----	--

SW	SSW	ENE	WSW	S	S	NNW	WSW	SW	ENE	WSW	SW	SW	SW	WSW
----	-----	-----	-----	---	---	-----	-----	----	-----	-----	----	----	----	-----

WSW	S	SE	SSW	WSW	NE	WSW	SW	SSE	SSW	SSE	WSW	E	SSW	SSW
-----	---	----	-----	-----	----	-----	----	-----	-----	-----	-----	---	-----	-----

ESE	SW	CALM	ESE	WSW	NE	SSW	E	S	SSE	CALM	WNW	WSW	WSW	
-----	----	------	-----	-----	----	-----	---	---	-----	------	-----	-----	-----	--

NNE	CALM	E	SW	CALM	SW	CALM	CALM	NE	SSE	S	CALM	ENE	CALM	CALM
-----	------	---	----	------	----	------	------	----	-----	---	------	-----	------	------

CALM	ESE	CALM	ENE	NE	WSW	ENE	CALM	CALM	CALM	CALM	ENE	CALM	CALM	
------	-----	------	-----	----	-----	-----	------	------	------	------	-----	------	------	--

ENE	NE	CALM	NE	NE	ENE	NE	ENE	ENE	ENE	CALM	ESE	WSW	CALM	NNE
-----	----	------	----	----	-----	----	-----	-----	-----	------	-----	-----	------	-----

Table 6. Wind Speed at 9 AM. (1994)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
January															
0.3	0.2	0.6	1.3	0.0	0.1	1.9	0.0	0.4	0.0	0.4	0.0	0.0	2.0	0.0	0.6
February															
0.0	0.6	3.2	0.8	1.1	0.0	0.3	2.0	3.2	0.0	0.2					
March															
2.2	0.2	0.4	1.3	0.0	0.0	0.1	1.1	0.0	0.1	3.5	0.0	3.9	0.6	0.0	0.2
April															
0.0	0.2	1.8	0.0	0.0	0.0	1.6	1.3	1.5	1.0	1.3	4.1	0.2	4.0	0.3	0.0
May															
0.0	1.4	1.7	3.5	2.3	5.3	3.2	2.0	0.1	2.3	0.0	0.2	0.4	1.9	3.6	1.1
June															
0.3	1.6	0.8	0.9	0.4	1.8	0.3	0.6	0.5	0.7	0.1	0.6	0.0	0.2	0.5	1.8
July															
3.5	2.7	0.4	0.6	0.6	0.5	0.8	0.5	0.4	0.9	0.8	0.7	1.7	0.7	0.8	1.3
August															
1.7	3.7	2.3	1.0	0.9	2.5	0.9	1.6	0.6	2.3	1.7	1.1	2.2	2.7	3.1	4.0
September															
0.8	0.3	0.2	0.2	0.9	1.1	1.2	0.7	1.2	0.5	2.4	1.1	0.3	1.0	0.2	0.0
October															
0.7	0.2	0.3	0.5	0.4	0.4	0.2	0.2	0.0	0.0	0.4	2.7	0.3	0.5	0.6	1.5
November															
0.5	0.7	0.5	2.9	0.2	0.6	0.8	0.6	1.3	0.1	0.5	0.0	2.7	0.2	2.4	0.0
December															
0.5	0.0	1.2	0.6	4.0	1.9	2.0	1.1	0.0			0.3	0.8	0.8	0.1	0.0



17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.5	0.0	0.5	0.3	0.1	0.1	0.5	0.5	0.5	1.7	1.9	1.4	2.1	0.8	0.8
0.2	0.2	0.1	0.1	1.6	0.3	1.4	0.2	0.3	0.8	0.4	0.6	0.4	0.3	0.1
0.9	1.9	0.1	0.2	2.8	1.6	2.2	1.1	0.0	0.7	0.5	0.6	3.5	1.8	
0.2	0.5	1.3	1.3	2.0	3.0	1.6	0.1	2.2	1.4	0.3	1.3	0.3	0.2	0.3
1.8	1.3	0.8	0.4	2.0	0.1	0.0	0.5	0.9	0.9	0.7	0.3	0.8	0.5	
1.0	2.0	0.8	0.8	0.5	0.5	1.1	1.0	0.7	2.8	1.7	1.8	1.8	1.7	1.3
2.6	0.5	0.5	1.4	0.8	1.5	1.6	1.0	1.5	2.5	1.7	0.7	0.3	0.6	0.7
1.6	0.6	0.1	0.8	0.5	1.1	0.5	1.0	1.1	0.5	0.0	0.6	0.7	0.4	
0.4	0.2	0.7	0.5	0.0	0.5	0.3	0.2	1.1	0.3	0.4	0.0	1.4	0.2	0.0
0.0	2.4	0.0	1.7	1.6	4.5	0.7	0.0	0.2	0.0	0.3	1.0	0.2	0.0	
0.4	1.1	0.0	1.3	0.6	0.8	1.9	0.9	2.9	0.6	0.2	0.9	1.1	0.2	0.3

Table 7. Daily Weather (1994) : ○ Clear days, ⊕ Fine days, ☉ Cloudy 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																		
○	☉	☉	☉	☉	☉	☉	○	●	☉	☉	○	●	☉	☉	*	☉	☉	*

☁ Slightly cloudy days, ● Rainy days, \* Snowy days, △ Hail

20	21	22	23	24	25	26	27	28	29	30	31	☁	☁	☉	☁	●	*	△	
☉	*	☉	☁	☉	☁	☁	☁	●	☁	*	*	☁	5	2	14	1	5	4	0
☉	●	☁	☉	*	*	*	☉	☁				7	0	12	0	2	7	0	
●	☁	☉	☉	☉	*	☁	☉	☉	●	☁	☁	10	0	14	0	3	4	0	
☉	☁	☁	●	☉	☁	☁	☁	☁	☁	☁		21	0	6	1	2	0	0	
☁	☉	☁	☁	☁	☉	●	☉	☁	☉	☉	☁	10	5	10	2	4	0	0	
●	☉	☁	☉	☉	☁	☁	☉	●	☉	☉		9	1	15	1	4	0	0	
☁	☁	☁	☁	☁	☁	☁	☉	☁	☁	☁	☁	19	4	5	3	0	0	0	
☉	●	☉	☁	☁	☁	☁	☁	☁	☁	☁	☁	19	4	5	2	1	0	0	
☁	☁	☉	☁	☁	☉	☁	☉	●	●	☉		13	0	12	0	5	0	0	
●	●	●	☁	☁	☁	☁	☁	☉	●	☁	☉	16	2	8	1	4	0	0	
☁	●	☉	●	☁	☉	☁	☉	☁	●	☉		11	2	13	0	4	0	0	
☁	☉	☁	☁	☁	●	☁	☁	☁	●	☁	●	10	0	13	1	5	2	0	
計												150	20	127	12	39	17	0	

Table 8. Daily Humidity (%) at 9 AM. (1994)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
66.8	68.0	63.1	88.0	79.0	78.7	55.9	87.7	87.9	88.2	76.3	87.8	87.2	88.3	87.6	87.5	87.3	60.3		
February																			
86.7	68.8	86.7	85.3	87.5	87.4	87.6	81.2	58.4	69.6	79.9	87.1								
March																			
82.1	88.8	78.8	71.6	76.0	84.8	73.9	63.4	88.8	83.3	79.2	43.6	86.7	47.9	86.7	83.1	73.5	87.5		
April																			
60.6	71.6	42.9	42.7	57.3	56.6	59.1	54.5	40.7	38.2	52.4	41.5	63.6	76.8	40.6	41.5	43.9	42.0		
May																			
66.7	72.9	40.2	41.5	39.0	40.6	34.0	38.4	41.6	41.6	45.7	84.4	82.1	61.6	48.2	62.5	60.6	56.0		
June																			
42.9	46.7	37.5	45.3	39.3	54.9	71.6	69.4	73.5	70.4	55.2	46.2	57.4	72.9	85.5	71.9	62.1	68.1		
July																			
52.4	44.2	79.5	54.8	50.0	77.5	55.1	52.9	84.1	60.0	61.1	54.7	56.5	62.5	54.2	46.6	61.0	53.8		
August																			
49.9	50.5	46.4	48.5	56.5	60.4	52.9	52.9	57.3	48.1	52.3	54.2	46.8	51.5	50.8	51.8	46.0	48.1		
September																			
67.5	81.0	82.8	72.8	59.4	85.7	86.2	63.4	63.2	65.0	72.7	84.8	74.8	72.5	87.5	87.1	86.5	53.4		
October																			
71.8	82.2	79.9	78.2	73.0	76.1	72.4	74.6	71.7	78.0	75.8	86.1	58.8	66.4	73.1	79.9	57.4	86.3		
November																			
63.8	88.3	82.7	63.2	88.0	87.3	56.7	52.4	70.2	82.3	73.5	89.3	88.3	83.6	61.0	81.3	88.7	87.6		
December																			
88.9	88.7	83.3	63.5	54.0	79.3	43.6	84.1	87.0				89.2	84.7	70.3	85.4	86.4	87.5		

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
87.0	81.7	86.4	84.1	85.5	86.9	87.4	80.2	82.2	66.5	86.9	86.9	61.4	51.0	72.9	77.0	79.1
68.9	69.6	88.0	73.6	41.8	58.1	88.5	85.7	84.6	80.1	84.9	42.3	79.5	54.4	54.5	68.6	73.8
72.9	65.4	52.2	54.0	62.8	41.6	53.7	85.8	73.9	55.0	46.5	56.4	39.7	62.9		57.8	54.7
51.8	35.7	34.3	57.7	41.5	43.8	42.7	43.3	49.3	85.2	75.4	37.5	42.7	49.2	51.1	51.1	51.5
69.1	84.4	85.2	70.3	70.3	48.6	79.9	85.5	54.1	54.1	65.6	85.9	73.5	71.4		68.9	64.8
56.8	57.9	50.5	55.5	49.6	51.9	45.0	49.0	66.7	53.9	51.1	56.2	57.6	61.1	69.6	55.6	57.4
48.5	70.3	62.0	53.0	86.8	84.6	84.9	63.5	58.1	49.4	53.2	62.3	75.0	61.8	66.8	67.9	57.7
68.2	77.7	80.8	77.3	72.5	75.4	85.2	79.8	73.8	72.0	80.1	86.3	86.5	85.0		79.7	76.6
80.5	84.1	87.0	76.0	87.5	78.2	88.2	72.6	72.1	79.6	83.9	87.8	86.5	88.7	83.2	82.6	78.1
61.5	87.4	87.9	81.7	87.0	65.6	87.6	89.6	83.4	88.9	77.0	88.8	87.6	89.3		84.5	79.9
85.6	88.3	88.7		85.1	89.1	83.6	87.7	65.6	88.8	89.7	87.2	87.6	89.1	87.5	85.5	

Table 9. Daily Duration of Sunshine (hours). (1994)

1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15	16	17	
January																		
0.7	6.5	0.2	6.8	5.4	1.3	0.8	7.5	7.2	6.8	43.2	1.4	0.1	0.0	0.2	3.7	7.7	0.0	
February																		
March																		
1.4	5.0	7.9	5.3	0.2	8.0	0.0	0.9	1.6	1.3	31.6	8.1	0.0	9.3	3.1	5.5	8.3	1.3	
April																		
7.0	10.6	10.9	11.1	10.9	7.4	0.0	0.6	7.7	9.7	75.9	10.9	1.2	9.1	10.5	11.1	11.3	10.8	
May																		
2.6	10.7	7.2	6.9	7.8	11.5	10.8	11.3	12.0	8.8	89.6	0.0	0.0	10.3	9.2	6.0	9.5	5.3	
June																		
11.3	12.0	11.8	11.1	11.6	10.2	7.8	6.2	8.0	5.8	95.8	11.8	3.8	3.7	0.0	10.6	12.0	11.2	
July																		
6.9	11.4	5.6	12.1	12.0	8.4	8.6	10.1	8.7	11.7	95.5	11.7	9.0	12.1	11.8	12.1	12.0	12.1	
August																		
11.0	10.3	11.3	11.9	11.6	11.9	11.8	10.8	10.7	9.5	110.8	6.9	10.5	7.9	7.7	10.8	11.7	11.2	
September																		
10.9	2.8	9.6	10.6	10.2	0.2	3.9	8.4	10.1	10.4	77.1	2.0	2.1	6.6	4.0	0.7	3.7	8.4	
October																		
6.0	6.3	8.1	6.4	8.3	9.5	9.5	8.5	7.2	2.8	72.6	4.4	6.9	10.1	6.1	9.9	4.4	2.3	
November																		
4.7	7.1	5.7	8.5	5.8	7.2	5.3	8.3	9.4	2.7	64.7	8.5	7.7	0.0	3.3	0.1	0.0	2.4	
December																		
5.9	0.9	3.6	4.3	2.0	5.9	2.7	6.5	0.0	5.7	37.5	0.0	2.7	0.0	1.3	2.2	0.0	4.2	

18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月計
0.0	0.7	4.2	18.0	2.3	2.6	2.9	6.6	5.8	3.8	0.8	3.8	0.2	4.3	8.2	41.3	102.5
10.4	9.8	2.2	58.0	9.3	5.1	0.0	3.9	4.8	6.0	9.8	6.6	3.6	11.1	10.9	71.1	160.7
3.9	11.2	5.8	85.8	11.1	8.9	0.1	7.3	8.2	10.7	9.6	10.0	9.8	10.4		86.1	247.8
12.1	12.1	12.1	76.6	8.8	11.3	12.1	11.2	9.9	0.0	7.4	12.1	10.9	10.9	11.1	105.7	271.9
0.0	4.2	0.0	57.3	5.6	10.6	0.3	1.5	11.0	10.6	4.2	0.3	7.8	1.5		53.4	206.5
12.1	9.2	12.0	114.1	12.0	11.9	11.2	10.2	7.3	4.9	10.5	11.9	11.9	8.2	9.9	109.9	319.5
9.6	9.9	8.1	94.3	5.9	6.3	9.1	10.8	11.3	9.4	6.4	9.1	10.9	11.0	11.0	101.2	306.3
9.5	4.0	10.6	51.6	7.4	1.9	9.7	5.8	9.3	9.3	3.4	0.0	0.2	4.5		51.5	180.2
4.8	8.5	0.0	57.4	0.1	0.0	6.8	1.1	7.0	9.7	6.2	1.2	3.6	7.0	1.4	44.1	174.1
0.0	1.1	2.6	25.7	0.2	2.0	0.6	8.7	0.0	5.5	0.3	5.2	1.3	0.0		23.8	114.2
3.1	0.6	6.8	20.9	0.0	7.7	6.9	4.1	0.0	3.1	1.2	0.7	0.5	5.1	0.0	29.3	87.7

Table 10. Daily Atmospheric Pressure 9 AM (mb). (1994)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
1013.9	1012.9	1009.7	1009.9	1014.0	1010.3	1014.2	1012.5	1011.0	1011.8	1012.0	1011.3	1012.6	1009.8	1007.4	1015.2	1016.5	1004.3		
February																			
1004.1	1008.3	1007.4	1013.0	1009.7	1009.8	1004.2	1003.1	992.9	1006.2	1005.9	1014.2								
March																			
1012.4	1014.2	1013.4	1009.9	1009.4	1019.7	1015.1	1004.1	1007.3	1008.5	1011.4	1012.8	1009.0	1010.2	1009.2	1013.8	1013.8	1011.7		
April																			
1009.5	1002.8	1010.8	1010.8	1010.8	1008.3	1000.5	1000.7	1015.8	1015.5	1008.6	1011.8	996.4	1005.4	1010.2	1013.5	1014.7	1012.2		
May																			
1006.0	1008.0	1005.3	995.4	992.8	998.0	1001.7	1001.6	1007.9	1005.5	1002.2	1002.0	1001.6	1005.6	1004.9	990.5	995.9	1002.5		
June																			
1001.6	1001.5	1003.8	1007.2	1006.9	1006.9	1005.4	1003.0	997.5	1000.0	1003.4	1004.2	999.8	998.3	996.9	1001.6	1001.1	1001.2		
July																			
999.6	1002.5	1004.2	1002.5	1002.2	1002.2	1002.4	1002.1	1001.6	1000.5	1002.0	1001.0	1002.4	1002.9	1002.5	1002.2	1002.1	1002.2		
August																			
1002.6	1003.1	1003.4	1003.6	1005.2	1006.1	1005.5	1004.6	1003.2	1001.5	1003.9	999.6	1000.6	1000.0	999.7	1002.9	1005.9	1006.9		
September																			
1006.3	1004.5	1003.9	1003.2	1001.3	1000.8	1005.7	1003.9	1003.9	1001.1	1003.5	998.2	1003.9	1007.1	1008.0	1005.3	999.2	996.0		
October																			
1004.4	1008.2	1009.5	1006.3	1007.3	1009.9	1014.8	1016.8	1015.6	1012.5	1010.5	1008.2	995.7	1004.8	1009.4	1013.6	1008.0	1009.5		
November																			
1017.5	1016.0	1011.8	1019.0	1016.3	1009.9	1012.7	1018.6	1017.3	1012.4	1015.2	1011.4	1013.7	1018.1	1020.9	1025.1	1024.5	1019.2		
December																			
1013.2	1007.7	1011.9	1013.0	1009.3	1014.7	1008.4	1014.9	1002.2				1007.0	1006.1	1013.2	1012.2	1017.9	1020.0		



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
1006.0	1012.3	1012.2	1010.8	1005.0	1006.1	1008.5	1014.9	1011.8	1011.0	1012.9	1011.0	1008.9	1018.2	1019.8	1011.6	1011.5
1011.8	1010.8	1012.6	1011.6	1017.4	1017.1	1008.2	1004.1	1008.0	1013.7	1018.6	1012.6	1013.9	1015.5	1012.0	1014.1	1012.4
1011.6	1006.7	1009.6	1009.2	1008.9	1007.0	1003.7	1004.9	1004.4	1003.4	1007.0	1001.1	1000.6	1000.5		1004.2	1007.3
1002.9	1008.7	1015.0	1003.0	1011.1	1008.9	1008.9	1008.3	1005.4	1000.9	995.3	1002.3	1002.5	999.4	1003.5	1004.2	1003.1
1000.4	997.2	1001.3	1000.2	1005.1	1004.2	1001.8	999.4	999.9	997.9	1001.1	1003.1	1003.3	1000.4		1001.6	1001.7
1003.1	1002.0	1000.6	1002.1	999.9	999.1	997.3	996.3	995.7	995.6	996.9	995.9	996.6	998.1	1001.8	997.6	1000.6
1004.4	1004.5	1005.1	1003.0	1004.6	1002.8	1003.7	1003.8	1002.7	1003.7	1005.3	1007.4	1008.5	1007.9	1006.9	1005.2	1004.0
996.1	996.8	1002.8	1001.3	1003.7	1003.1	1003.1	1003.9	1003.2	1005.7	1005.4	1004.1	997.6	997.6		1002.7	1002.5
1014.4	1010.6	1010.1	1008.4	1008.0	1004.8	1013.2	1017.1	1015.6	1013.2	1012.3	1007.6	1005.1	1006.8	1012.7	1010.6	1009.8
1010.9	1009.3	1010.9	1016.4	1015.1	1011.8	1017.9	1018.0	1008.6	1007.5	1011.0	1012.5	1010.7	1015.2		1012.8	1014.8
1020.1	1025.8	1023.3		1017.4	1018.4	1016.5	1015.2	1016.8	1016.0	1011.2	1011.4	1018.2	1019.6	1009.4	1015.5	