

◎統計と資料

三朝温泉地の気候について (第19報)

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我々は1956年以降, 三朝温泉地の気候について観察を行っている。今回は1996年1月1日から1996年12月末日までの1年間の気象観察資料を報告する。機器の故障のため, 記録に欠落部分があることをお断りしておく。なお, 1995年以前の気象観察資料においてclear dayとfine dayの記号の標記が入れ替わっていた。お詫びして訂正する。

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- Climatological data of the last 12 months (1996.1.1. - 1996.12.31) 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). (1996)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17			
January																				
3.2	0.8	8.2	1.5	1.8	3.5	1.6	8.1	-2.1	0.3	2.7	1.0	1.5	-1.1	3.8	8.5	7.4	2.2			
February																				
-2.4	-3.2	-1.3	-1.0	6.5	-1.1	-1.0	0.0	2.0	-0.5	-0.2	-0.7	3.6	5.8	5.3	7.2	2.8	0.4			
March																				
							12.3	2.7	2.6		6.1		3.4	5.5	6.0	4.0	13.7			
April																				
8.3	4.8	3.9	2.9	8.5	8.0	9.7	9.3	9.7	7.8	7.3	6.6	2.9	5.7	10.8	10.7	10.4	11.7			
May																				
19.7	16.3	16.4	16.3	12.1	13.1	11.1	13.0	15.6	18.6	15.2	19.2	15.0	16.0	16.9	17.5	16.6	17.9			
June																				
19.4	24.9	25.0	22.6	19.7	18.5	23.4	20.5	20.1	22.6	21.7	20.3	20.3	19.7	23.9	24.7	25.1	22.2			
July																				
August																				
28.4	29.2	28.7	27.5	26.7	24.3	28.6	26.5	26.6	27.1	27.4	28.9	29.0	27.6	30.2	27.2	26.0	25.5			
September																				
21.7	21.6	22.6	20.0	21.7	21.2	22.4	19.2	18.8	20.2	20.9	20.1	22.1	18.5	20.6	20.5	21.7	21.2			
October																				
19.2	20.2	19.0	16.4	17.5	18.7	17.2	15.2	14.8	14.6	17.3	14.3	18.7								
November																				
16.5	15.0	13.0	8.7	19.7	14.5	7.7	11.5	18.7	14.3	14.0	11.3	14.4	7.2	5.8	8.1	6.2	9.0			
December																				
-0.1			3.5	12.4	0.7	1.9	1.5	5.7	7.0		5.3	5.5	3.4	3.0	3.4	1.6	11.3			

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
2.8	0.6	4.3	3.1	2.2	1.8	2.9	1.5	-1.1	-0.1	0.3	0.8	2.1	2.3	-0.5	1.1	2.3
0.6	-0.7	0.0	2.4	0.3	-0.3	1.3	0.9	-0.6	1.9	2.7	3.2	1.3			1.2	1.1
4.7	2.4	3.6		8.5	11.8	5.8	5.1	7.1	5.8	6.4	7.4	6.4	20.0	11.7	8.7	
12.5	8.9	9.4	9.0	7.6	11.3	15.5	17.1	16.6	14.8	19.2	18.6	20.4	17.6		15.9	10.7
17.5	18.9	17.9	17.3	20.1	18.9	17.5	19.4	20.7	22.4	22.5	24.9	23.0	20.2	19.7	20.8	17.8
							26.9	28.8	28.6	29.3	29.3	29.7	29.9	29.6		
24.4	24.6	24.0	26.7	24.7	25.5	27.7	22.3	21.9	20.5	21.3	23.9	23.1	23.8	25.7	23.7	25.9
20.6	21.6	21.1	20.8	18.9	21.1	17.2	15.7	19.3	19.4	18.7	15.2	17.2	17.4		18.0	19.9
				10.5	12.1	14.4		15.7	13.3	8.8	10.8	13.7	17.7	17.0		
8.9	7.9	7.2	8.6					9.4	5.5	15.2	7.3	5.4	3.5			
7.2	2.5	1.7	4.5	3.3	7.1	4.7	1.2	6.0	6.9	0.9	6.8	1.1	2.1	5.0	4.1	

Table 2. Daily Maximum Temperature (°C). (1996)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17			
January																				
6.3	11.1	10.7	4.5	10.8	8.0	15.8	13.8	0.7	3.8	8.5	3.2	8.1	10.0	14.3	13.8	9.7	8.3			
February																				
2.5	-0.1	3.0	7.1	7.6	0.2	2.8	5.1	2.8	2.3	3.3	9.3	13.4	18.4	21.5	8.1	4.2	6.7			
March																				
						14.6	14.9	6.7	8.1		11.1	4.9	13.4	17.7	7.0	16.2	14.7			
April																				
10.2	6.2	7.7	9.5	13.0	16.0	16.4	13.8	16.7	12.5	12.2	10.7	8.1	14.6	17.6	17.5	12.8	18.6			
May																				
21.5	23.8	25.9	20.8	14.3	17.9	17.9	18.0	19.1	22.2	20.1	24.1	19.1	21.7	22.3	23.4	26.4	29.7			
June																				
23.8	32.0	27.4	26.3	23.9	28.1	25.7	21.3	24.5	24.3	25.7	21.1	22.9	24.0	27.0	28.5	31.0	24.8			
July																				
August																				
33.7	34.2	34.8	33.0	30.3	31.5	33.5	33.8	32.6	33.2	33.0	34.0	36.3	34.9	32.5	31.8	31.3	31.5			
September																				
25.4	26.1	27.0	28.2	26.9	28.4	26.2	30.3	21.6	25.5	26.5	27.4	29.2	23.1	25.5	27.6	27.6	26.2			
October																				
22.4	23.3	23.7	21.4	22.7	23.8	22.8	16.8	21.4	22.3	22.0	23.7	23.8	23.3	21.4	22.6	18.0	22.2			
November																				
18.4	16.1	18.8	21.0	20.5	16.1	17.1	16.0	22.6	18.4	18.5	17.2	15.1	9.3	14.1	12.5	11.9	15.2			
December																				
4.4		11.7	11.5	15.0	5.8	6.5	7.9	11.2	9.5		11.7	13.4	13.3	14.6	14.7	17.0	12.8			

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
4.6	9.0	8.4	8.9	10.2	8.5	5.2	5.3	3.3	3.1	6.9	6.9	8.4	2.5	3.2	5.7	7.7
1.9	4.0	4.6	9.2	1.7	6.1	7.5	3.6	3.6	7.4	8.3	10.8	15.6			7.2	6.6
8.9	7.1	13.6	11.4	18.5	15.1	6.1	11.8	11.3	13.9	16.4	12.7	15.6	23.7	14.4	14.5	
17.7	12.7	11.3	14.2	13.8	18.5	23.0	22.5	23.5	24.3	26.4	25.7	28.2	19.2		22.5	16.3
23.9	24.9	21.1	23.6	27.0	23.1	25.0	27.4	28.6	30.0	29.6	28.4	26.5	24.4	22.8	26.6	23.5
							32.4	33.3	33.5	34.4	33.7	34.1	35.9	35.8		
30.7	33.5	31.7	32.8	31.8	32.4	30.0	26.8	27.6	26.8	23.2	24.6	28.2	28.4	30.3	28.2	31.2
27.2	27.1	21.8	26.2	25.1	22.6	25.0	28.5	24.9	26.1	23.4	23.1	23.4	18.4		24.0	25.6
22.2	21.3	17.2	21.5	18.7	21.4	24.1	26.7	26.4	13.8	16.9	17.5	24.7	25.3	19.9	21.4	21.7
10.2	12.3	15.7	13.3	16.6	14.0	13.0	18.1	15.4	16.3	17.2	9.9	9.1	9.3		13.9	15.2
10.1	5.6	9.1	12.2	10.3	13.2	5.8	11.9	13.8	8.0	13.0	11.2	15.8	16.8	16.5	12.4	

Table 3. Daily Minimum Temperature (°C). (1996)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
1.7	-0.5	-0.7	-0.7	-1.6	1.7	0.3	-1.4	-2.7	-0.7	-0.5	0.1	-0.9	-1.9	-1.4	8.3	1.4	0.6		
February																			
-3.3	-3.9	-4.2	-4.3	-2.3	-2.3	-2.9	-4.0	-1.9	-1.6	-3.1	-3.1	-0.5	1.5	2.1	4.1	0.4	-0.5		
March																			
							4.2	0.6	0.2		-0.7	-1.2	-1.8	-0.7	4.9	-0.5	7.7		
April																			
2.3	0.2	0.2	-1.1	-1.2	-0.8	6.0	2.9	1.8	-1.4	0.9	-2.3	-0.1	-1.7	-1.6	7.2	5.2	3.3		
May																			
14.1	8.9	6.9	10.9	11.3	5.3	3.9	10.1	8.3	7.1	8.7	11.0	7.8	6.2	7.9	6.7	6.8	7.7		
June																			
15.5	14.3	18.8	15.6	10.1	7.1	13.4	18.0	18.0	18.8	14.9	18.0	17.9	18.3	18.0	19.8	18.3	20.9		
July																			
August																			
22.0	23.0	21.9	23.3	20.5	17.7	23.4	23.0	22.5	22.5	22.0	21.9	22.2	22.9	25.5	22.9	21.1	20.9		
September																			
21.5	18.2	16.4	14.6	16.7	17.7	16.8	14.4	18.6	18.0	17.3	16.3	17.5	18.2	18.1	17.3	15.8	18.0		
October																			
16.1	15.9	12.6	12.2	13.0	11.3	15.7	14.3	10.9	8.8	13.1	8.2	12.6	12.6	12.4	10.9	9.0	6.0		
November																			
15.9	12.7	7.1	4.4	12.6	8.0	5.0	10.3	12.5	11.1	10.0	10.0	7.4	4.0	1.5	5.8	2.3	2.6		
December																			
-1.6			-1.0	4.8	0.6	-0.7	0.5	4.2	4.9		1.8	2.6	1.6	1.1	1.8	-0.2	5.7		

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
0.7	-0.7	0.1	0.6	-1.1	-1.4	0.5	-0.7	-2.3	-1.0	-1.9	-2.4	0.4	-1.4	-2.3	-1.3	-0.4
-1.1	-2.8	-2.8	-0.3	-1.9	-2.9	-1.6	-1.2	-4.0	0.4	-0.3	-0.9				-1.4	-1.6
-1.3	-1.7	-0.8	0.4	1.4	5.5	2.1	0.5	2.6	0.7	0.4	0.4	3.0	13.1	9.3	3.5	
5.6	4.1	4.0	2.4	1.9	-0.3	3.5	5.2	5.2	7.3	7.7	8.4	10.4	14.4		6.3	3.2
7.8	12.2	14.3	8.8	14.2	11.8	8.5	9.2	9.6	11.5	14.2	16.4	16.0	18.0	17.2	13.3	10.4
							21.2	22.6	23.3	22.8	22.4	22.9	23.3	22.7		
18.9	18.0	17.7	21.2	21.5	20.6	22.8	17.9	16.9	15.9	20.3	21.3	20.3	18.5	22.2	19.8	20.9
17.2	16.4	17.6	17.2	16.8	15.6	13.5	10.3	14.0	16.2	11.6	9.7	13.4	16.3		13.7	16.1
9.9	11.9	8.2	10.2	6.4	5.6	8.3	12.8	10.9	5.8	4.9	4.0	9.6	11.0	14.0	8.5	10.5
6.8	6.9	2.9	5.0	7.5	3.8	1.7	2.9	5.0	2.9	5.8	1.6	1.7	1.5		3.4	6.1
2.7	0.4	-0.3	1.7	-0.5	-0.1	-0.2	-0.6	3.7	4.9	0.7	2.2	-0.3	0.9	3.8	1.3	

Table 4. Daily Amount of Precipitation (mm). (1996)

1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15	16	17		
January																			
8.4	0.0	1.0	0.0	0.0	0.5	0.0	18.0	17.0	11.5	56.5	11.0	0.0	0.0	0.5	19.0	19.0	1.5		
February																			
1.5	23.0	1.0	0.0	2.0	31.5	0.0	0.0	10.5	13.5	83.0	0.5	0.0	0.0	0.0	0.0	6.0	0.5		
March																			
							3.5	4.0	0.5		11.5	0.0	0.0	0.0	55.0	0.5	20.5		
April																			
2.0	4.0	4.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	13.5	0.0	4.5	0.0	0.0	0.5	17.0	3.0		
May																			
0.5	0.0	0.0	18.5	17.5	0.0	0.0	4.5	2.5	0.0	43.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0		
June																			
0.0	0.0	2.5	0.0	0.0	0.0	1.5	0.5	0.0	6.5	11.0	19.5	0.0	0.0	4.0	0.0	1.0	19.0		
July																			
August																			
0.0	0.0	21.0	0.0	1.0	0.0	8.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0		
September																			
October																			
November																			
December																			
2.5	7.0	4.0	8.0	3.0	2.0	0.5	5.0	0.0	4.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5		

18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月計
3.0	0.0	0.5	54.5	0.0	0.0	6.5	5.5	1.0	15.0	1.0	0.0	1.0	7.0	1.5	38.5	149.5
22.5	0.0	0.0	29.5	30.5	2.0	0.0	0.0	15.5	0.5	0.0	0.0	4.0			52.5	165.0
4.0	3.5	0.0	95.0	1.5	9.5	0.0	5.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	25.5	
0.0	3.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5		2.5	44.0
0.0	0.0	15.5	16.5	13.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	1.0	40.0	100.0
							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	9.0	0.5	0.0	0.5	18.5	0.0	0.0	1.0	23.5	0.5	0.0	1.0	45.5	84.5
2.0	0.5	0.5	8.5	0.5	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0	2.5	47.0

Table 5. Wind Direction at 9 AM. (1996)

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

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

Table 6. Wind Speed at 9 AM. (1996)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
January															
0.0	1.0	1.1	0.1	0.8	0.0	0.0	0.4	3.4	0.0	0.0	0.0	0.4	0.8	0.8	0.2
February															
0.2	5.4	0.8	1.2	7.8	3.1	0.8	1.2	1.4	0.0	1.1	0.1	1.6	0.7	1.4	0.0
March															
							0.2	0.7	0.0	3.3		0.6	0.4	1.6	0.9
April															
1.9	1.8	0.7	1.0	0.4	0.3	0.0	0.0	0.1	0.7	2.4	1.8	0.4	0.0	0.0	0.3
May															
0.3	0.0	0.1	0.9	0.8	1.8	0.0	0.0	2.9	2.3	0.4	1.1	1.1	0.7	0.8	0.1
June															
0.5	1.5	1.3	0.2	2.8	1.2	2.0	1.7	0.2	1.1	0.2	0.2	0.2	0.9	1.5	0.0
July															
August															
0.4	0.8	0.2	0.3	1.4	0.8	0.8	0.2	0.2	0.5	2.7	1.7	1.1	2.8	1.8	1.2
September															
0.4	0.5	0.9	0.2	0.4	0.7	0.2	0.3	0.2	1.2	0.6	0.9	0.0	0.2	0.1	0.3
October															
1.4	0.7	0.5	0.8	0.5	0.5	0.7	0.0	0.4	0.3	0.2	0.5				
November															
0.9	0.3	0.6	0.4	2.6	0.7	0.5	0.3	2.3	0.2	0.7	1.8	0.4	0.9	0.3	1.4
December															
5.2			0.6	0.7	0.4	0.2	0.6	0.5	0.0	0.9	0.4	0.0	0.3	0.0	0.6

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0.8	0.0	0.8	0.0	0.0	0.0	0.0	6.5	1.4	1.5	0.0	0.0	0.0	4.0	0.0
0.4	0.6	0.0	0.0	0.6	0.0	0.9	0.0	0.1	0.0	0.0	1.2	0.2		
1.2	0.0	0.3	0.0	0.1	2.2	1.7	0.8	0.2	0.4	0.2	0.8	0.2	3.3	2.0
0.4	6.6	0.2	2.7	0.0	0.0	0.5	0.3	0.9	0.0	0.4	1.0	0.0	2.4	
0.0	0.3	2.2	2.7	2.1	0.1	1.3	1.1	0.2	0.0	0.7	1.6	1.6	0.4	0.3
0.3														
							0.5	0.6	0.3	1.5	0.8	0.4	2.5	1.6
0.8	0.9	0.8	0.0	0.5	0.0	1.4	1.3	0.7	0.2	0.6	0.1	0.7	1.5	1.4
1.1	0.2	0.7	0.3	0.0	2.5	0.5	0.0	1.7	0.1	0.5	0.4	1.3	1.0	
				0.0	0.3	0.5		0.4	1.5	0.2	2.0	0.1	0.6	0.5
0.8	0.5	1.1	1.5					0.0	0.1	0.8	0.8	0.6	0.2	
1.8	3.0	0.2	1.7	0.5	2.0	0.8	1.2	0.3	1.0	0.2	0.0	0.4	0.0	0.0

Table 7. Daily Weather (1996) : ○ 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	○	⊕	⊙	⊖	●	*	△
⊙	⊕	⊙	⊙	*	⊙	*	⊙	⊙	⊖	*	*	3	2	14	2	3	7	0
⊖	*	⊙	⊙	*	⊙	⊙	⊖	⊕	⊙			1	4	16	2	1	5	0
⊕	⊕	●	⊙	⊕	●	⊕	⊙	⊙	⊙	⊙	⊙	0	8	14	1	7	1	0
⊙	⊙	⊕	○	⊕	○	⊙	⊕	⊕	⊕	⊙		3	9	15	1	1	1	0
⊙	⊕	⊙	⊕	⊕	⊕	⊕	⊖	○	⊙	⊙	●	2	13	13	1	2	0	0
⊙	⊙	⊙	⊙	●	⊙	●	⊖	⊙	⊙	⊕		2	5	19	1	3	0	0
⊙	⊕	⊕	●	⊕	⊕	⊕	⊕	⊕	⊕	○	○	4	13	10	1	3	0	0
⊕	⊙	⊙	⊙	●	⊙	⊙	⊙	⊙	⊙	⊕	⊙	4	12	14	0	1	0	0
●	⊙	⊙	⊕	⊕	⊙	⊙	⊙	⊕	⊙	⊙		0	13	12	0	5	0	0
⊕	⊙	⊕	⊕	○	⊕	●	⊕	○	○	○	⊙	6	14	6	3	2	0	0
⊕	⊙	⊙	⊙	⊕	⊙	○	⊙	●	⊙	⊙		2	5	18	0	5	0	0
⊙	⊕	⊙	⊙	⊕	⊙	⊙	○	⊙	⊕	○	⊕	2	11	13	0	3	2	0
計												29	109	164	12	36	16	0

Table 8. Daily Humidity (%) at 9 AM. (1996)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
88.0	88.7	54.9	65.2	85.8	88.5	90.2	83.1	70.6	87.7	80.3	89.7	89.6	88.6	85.3	88.3	87.8	88.0		
February																			
65.2	63.0	88.8	88.3	51.6	85.1	86.9	87.3	84.7	79.7	78.1	84.5	74.4	79.6	80.4	76.0	72.4	83.9		
March																			
							66.9	87.1	85.5		50.9		69.2	66.4	88.6	82.4	86.6		
April																			
50.1	63.1	59.2	86.9	49.4	54.7	88.3	69.3	51.8	42.3	61.5	54.5	84.4	63.6	29.5	72.8	87.9	63.5		
May																			
62.2	76.9	47.8	55.8	86.3	56.5	48.3	71.8	47.4	50.4	60.3	39.2	67.2	52.5	58.7	44.8	47.6	48.3		
June																			
76.0	49.1	47.5	67.7	36.1	41.0	45.1	57.7	81.2	71.0	57.2	85.9	78.4	81.3	71.7	70.7	70.8	84.9		
July																			
August																			
57.5	60.1	65.8	80.0	72.6	61.0	60.6	75.6	70.7	67.1	67.1	42.3	46.3	60.9	57.0	82.2	71.5	68.9		
September																			
84.5	80.1	65.9	71.7	76.1	76.1	82.8	72.5	86.3	81.3	77.7	81.8	78.3	85.8	85.8	83.5	74.4	85.3		
October																			
86.8	71.6	86.6	87.1	86.7	80.0	83.9	86.1	80.6	77.4	82.7	73.9	83.8							
November																			
87.1	86.5	86.4	87.9	58.0	68.1	73.0	86.2	62.3	86.4	78.2	79.1	77.2	61.9	89.4	80.0	87.1	68.4		
December																			
59.9			80.2	87.2	85.1	74.6	87.6	80.5	87.1		88.4	83.4	88.3	88.7	88.1	87.9	83.7		

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
86.2	88.8	86.9	87.9	88.1	86.4	88.4	55.2	83.5	84.0	88.7	85.8	86.7	63.4	78.5	80.8	83.0
88.6	86.4	76.4	80.3	86.8	88.0	75.1	87.9	76.4	89.4	88.9	70.3	80.1			82.5	80.3
82.0	83.6	73.1		65.6	87.7	42.2	47.8	87.9	82.0	67.3	73.4	59.7	55.1	68.9	67.1	
27.6	71.6	49.2	60.5	56.0	38.5	34.3	44.5	40.8	60.9	43.4	57.7	42.9	46.0		46.5	56.2
48.3	65.7	86.1	55.8	51.5	70.4	50.3	43.7	51.8	47.6	53.3	44.7	50.9	84.0	84.7	57.5	57.9
							66.4	66.7	67.1	54.1	54.4	55.7	53.2	55.6		
68.2	69.3	67.1	63.4	86.2	76.7	56.8	85.7	67.5	75.8	85.6	85.5	85.9	73.1	81.5	78.2	69.6
81.0	76.4	85.5	81.8	85.2	57.8	75.5	77.3	67.0	78.0	86.5	78.9	83.0	86.1		77.5	79.0
				76.5	79.0	87.5		85.8	72.6	88.7	61.4	83.5	75.2	83.1		
77.3	86.8	89.6	79.7					87.3	89.0	71.6	85.9	89.4	89.2			
84.9	87.8	87.7	86.9	88.3	57.7	60.2	87.1	85.7	87.4	85.2	81.9	89.2	89.0	88.7	81.9	

Table 9. Daily Duration of Sunshine (hours). (1996)

1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15	16	17		
January																			
0.4	7.8	0.5	1.1	3.8	0.0	7.6	0.0	4.1	1.5	26.8	0.3	5.6	7.9	0.0	0.1	1.6	2.0		
February																			
4.7	1.0	3.6	5.5	2.5	0.6	1.8	1.7	2.9	1.8	26.1	9.8	6.4	7.2	7.7	0.0	0.0	5.2		
March																			
							7.0	3.0	3.2		2.2	5.0	10.4	8.6	0.0	9.1	0.0		
April																			
8.4	2.4	5.8	5.6	7.7	6.8	4.5	6.8	9.0	7.9	64.9	8.8	3.8	11.2	8.8	8.0	0.6	6.9		
May																			
3.6	8.4	11.0	1.9	0.0	10.1	7.8	1.0	11.2	10.6	65.4	3.1	10.2	11.0	10.6	11.9	11.4	11.4		
June																			
8.6	10.8	8.8	8.5	12.0	12.2	5.5	3.2	4.7	2.1	76.4	0.0	5.1	3.9	5.7	7.8	10.8	0.1		
July																			
August																			
11.9	11.8	10.0	9.3	10.3	11.4	6.1	6.8	10.1	11.4	99.1	9.4	11.5	8.4	3.3	7.1	9.7	9.7		
September																			
2.8	8.5	10.1	10.1	9.8	5.6	5.8	9.2	0.0	8.4	70.3	10.6	7.4	0.0	7.8	7.0	5.9	6.2		
October																			
5.4	5.1	3.4	5.8	6.2	7.4	0.0	0.0	7.6	9.5	50.4	10.5	2.3	8.7	3.6	5.4	5.6	10.3		
November																			
0.0	0.0	6.8	8.7	0.0	0.4	7.0	0.1	3.0	3.1	29.1	0.0	0.0	0.9	7.1	1.9	2.2	1.1		
December																			
7.8	0.0	2.8	3.9	0.0	4.8	2.1	3.0	0.2	0.0	24.6	2.5	3.1	6.6	4.5	7.5	7.3	0.0		

18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月計
0.0	3.9	2.4	23.8	3.5	0.7	0.7	2.9	1.0	1.1	6.6	3.3	4.0	1.4	4.4	29.6	80.2
0.0	5.8	7.7	49.8	1.4	7.5	6.9	0.2	1.5	4.2	5.4	8.5	4.3			39.9	115.8
4.6	2.2	9.9	52.0	7.9	0.0	2.5	6.0	1.0	10.7	4.9	7.4	4.8	5.0	3.1	53.3	
11.3	0.0	8.6	68.0	8.9	11.4	11.0	11.4	11.4	8.6	11.4	10.7	7.4	2.5		94.7	227.6
11.3	9.4	1.9	92.2	9.1	9.5	11.0	11.9	11.9	11.8	9.9	9.4	5.5	3.9	3.3	97.2	254.8
							10.7	11.7	10.9	9.8	10.8	11.2	11.8	11.9		
11.3	11.6	9.9	91.9	4.4	7.4	4.9	6.5	9.7	3.2	0.0	0.7	7.1	7.3	4.5	55.7	246.7
8.7	6.4	0.0	60.0	6.0	5.9	8.4	10.6	5.8	7.0	7.2	8.8	3.1	0.0		62.8	193.1
4.3	3.4	6.3	60.4	6.8	8.9	7.3	4.9	5.9	0.0	9.5	4.8	9.6	8.8	1.1	67.6	128.0
0.5	0.8	8.5	23.0	1.1	2.3	2.7	6.1	4.2	8.3	0.8	0.0	0.6	5.4		31.5	83.6
0.7	2.1	1.9	36.2	3.8	4.2	0.0	7.7	2.2	0.0	7.7	0.7	7.7	6.3	6.8	47.1	107.9

Table 10. Daily Atmospheric Pressure 9 AM (mb). (1996)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17	
January																		
1008.9	1012.1	1004.5	1013.0	1012.2	1013.4	1017.5	1003.1	1008.4	1008.9	1010.2	1013.4	1020.0	1022.0	1014.9	1009.2	1006.0	1012.3	
February																		
1010.8	1009.7	1011.7	1012.1	1005.3	1012.3	1019.7	1014.5	1008.3	1010.8	1011.5	1014.2	1006.8	1001.0	1000.9	1003.3	1009.4	1014.3	
March																		
								999.2	1006.2	1007.0		1005.1		1012.4	1012.1	997.2	1009.6	992.6
April																		
1003.7	1003.2	1006.3	1009.3	1011.5	1013.9	1006.2	1006.2	1009.2	1008.8	1007.8	1011.5	1015.9	1019.6	1016.3	1008.7	995.7	1000.7	
May																		
999.0	1003.8	1011.1	1005.5	998.0	1008.7	1007.1	1000.2	999.2	1003.2	1003.6	1003.5	1004.0	1008.0	1009.3	1011.2	1012.3	1010.7	
June																		
1005.8	1004.5	1001.4	996.9	1002.9	1008.8	1008.3	1006.2	1005.2	1003.9	1004.4	1001.5	1002.4	1003.5	1001.9	1002.0	1002.7	997.8	
July																		
August																		
1006.0	1005.4	1005.0	1002.9	1001.3	999.4	999.2	999.7	1000.2	1001.2	1002.0	1001.3	1000.2	997.7	992.6	996.6	1002.1	1004.0	
September																		
999.9	1001.8	1003.7	1004.1	1004.4	1003.2	1005.3	1008.0	1005.3	1003.2	1003.9	1005.5	1004.6	1003.6	1002.7	1005.8	1004.9	1001.4	
October																		
1002.4	1004.8	1001.8	1000.5	1006.5	1007.3	1007.0	1007.8	1008.8	1012.1	1005.9	1014.5	1013.4						
November																		
1001.7	1006.6	1016.5	1019.6	1009.7	1010.4	1016.5	1013.5	1007.5	1011.7	1011.4	1009.0	1003.4	1009.0	1015.2	1014.4	1018.4	1013.0	
December																		
1005.5			1016.5	997.9	1006.3	1007.7	1014.0	1014.6	1011.0		1010.2	1012.8	1012.9	1012.2	1016.6	1018.2	1010.6	

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
1012.8	1011.1	1008.7	1013.0	1013.4	1011.6	1007.3	1008.6	1009.4	1011.8	1015.0	1012.8	1009.0	1010.5	1014.7	1011.3	1011.5
1015.5	1023.3	1020.5	1010.9	1017.2	1017.3	1016.9	1019.4	1015.5	1012.3	1005.7	1016.1	1013.8			1014.9	1012.4
1005.7	1010.2	1015.6		1014.0	1003.2	1018.2	1016.7	1009.1	1015.1	1016.1	1016.2	1014.7	996.1	1002.1	1011.1	
1003.6	1006.9	1006.3	1008.5	1012.1	1012.7	1013.3	1012.5	1011.0	1008.8	1006.9	1008.2	1005.4	1004.4		1009.5	1008.6
1005.8	1004.9	1006.4	1007.6	1005.2	1002.0	1003.9	1004.0	1004.8	1005.8	1005.1	1004.9	1004.4	1005.3	1003.6	1004.5	1005.2
							1001.9	1003.7	1004.4	1004.9	1004.5	1004.0	1003.0	1003.8		
1005.2	1005.7	1005.0	1001.0	1003.7	1003.4	1000.1	1003.0	1005.3	1005.2	1002.8	997.4	998.4	1003.4	1002.5	1002.3	1001.8
1001.8	1000.1	1000.3	1003.1	1002.9	998.7	1006.2	1011.4	1009.6	1007.7	1012.1	1013.3	1008.4	1002.2		1007.3	1004.8
				1018.2	1017.4	1016.8		1009.1	1007.9	1015.5	1013.7	1011.3	1010.0	1011.4		
1009.4	1014.9	1016.8	1012.4					1015.7	1016.9	1002.8	1010.2	1008.9	1005.8			
1008.1	1012.3	1016.9	1013.1	1014.0	1007.7	1008.9	1011.4	1009.5	1011.7	1014.7	1008.7	1009.9	1011.4	1011.2	1010.8	