

## 三朝温泉地の気候について (第9報)

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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なってきたが, 今回は第9報として, ひきつづき1985年4月1日から1986年3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。

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### On climatology in Misasa spa (ninth report)

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Climatological data of the last 12 months (1985.4.1-1986.3.31) obtained by the climate-autorecording system at the Misasa Medical Branch in Misasa spa, Tottori-Ken, Japan, are presented.

Table 1. Daily Atmospheric Temperature at 9 AM (°C). (1985)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17	
January																		
February																		
March																		
April																		
5.7	10.1	15.1	15.8	12.1	9.3	11.9	15.6	14.6	17.3	12.8	12.0	9.2	10.2	11.3	11.1	8.7	12.0	
May																		
22.4	20.5	21.6	20.8	21.9	20.7	15.6	14.1	19.6	20.5	19.8	20.6	21.4	21.1	16.0	14.7	16.8	21.5	
June																		
16.4	20.9	21.3	20.5	20.2	22.5	20.5	16.1	18.2	20.3	19.7	21.2	20.4	17.3	16.7	15.5	20.8	23.8	
July																		
21.2	22.7	20.4	26.0	24.2	21.2	23.3	29.1	28.0	24.8	24.1	27.3	23.5	28.5	22.7	22.8	23.9	27.1	
August																		
29.4	28.1	29.3	30.5	30.7	31.1	28.1	28.1	29.6	29.5	29.4	29.8	26.2	28.7	28.5	29.1	29.5	29.5	
September																		
29.9	26.6	30.2	29.3	27.6	28.8	27.4	21.8	24.4	25.9	27.2	29.8	22.7	21.1	21.3	20.0	19.5	20.9	
October																		
16.3	14.4	15.1	15.0	16.2	26.6	19.6	17.2	15.8	18.2	17.4	22.9	21.3	24.7	18.2	12.3	18.7	14.7	
November																		
18.4	10.9	8.9	8.5	12.0	15.6	17.0	14.7	14.3	13.0	13.3	12.9	7.7	8.4	8.7	8.9	5.7	12.8	
December																		
7.2	7.8	0.6	8.6	8.3	4.9	5.1	8.8	0.5	-0.3	5.2	1.8	1.8	4.3	6.3	0.8	-2.4	-2.5	

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
12.7	17.7	15.3	12.0	13.1	20.6	15.4	12.2	15.0	18.7	14.0	14.3	17.3	19.1		16.0	13.6
22.5	20.4	18.6	19.4	16.4	14.7	20.7	21.6	17.6	17.8	17.7	21.8	16.2	16.5	21.1	18.4	19.1
19.4	22.7	21.4	19.9	27.4	20.9	20.1	20.8	21.5	21.4	23.5	18.6	20.6	25.4		22.0	20.5
26.8	25.7	28.8	25.7	26.0	27.2	28.2	28.7	28.3	28.6	30.0	30.0	29.2	28.2	29.1	28.5	26.2
29.5	29.6	28.9	28.9	30.1	29.1	29.2	26.8	27.3	27.2	27.7	27.1	28.0	30.0	29.7	28.4	28.9
27.0	24.8	23.1	23.0	23.0	18.8	18.2	17.5	19.0	20.4	18.2	17.3	18.7	19.3		19.0	23.1
13.4	14.6	13.1	17.4	13.8	14.2	12.9	15.4	13.9	10.8	11.9	10.2	14.5	16.9	16.4	13.7	16.1
8.3	8.5	5.9	8.8	7.5	13.8	14.3	8.9	6.2	6.5	8.1	13.6	7.3	3.5		9.0	10.4
-0.2	3.2	0.5	1.4	1.1	2.0	3.6	2.3	0.1	3.0	1.2	-1.9	4.4	14.1	5.7	3.2	3.2

Table 2. Daily Maximum Temperature (°C). (1985)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
February																			
March																			
April																			
13.1	16.8	17.7	17.8	14.7	16.7	16.4	21.0	23.2	25.1	18.3	13.0	11.1	12.0	17.5	11.8	15.8	21.3		
May																			
26.3	26.8	26.3	26.2	22.7	23.5	17.7	22.0	24.9	23.6	24.0	25.9	28.4	23.1	17.0	18.7	23.9	27.1		
June																			
23.6	25.6	26.1	24.6	25.6	30.6	27.6	22.7	25.1	25.9	25.7	25.0	22.1	18.3	17.3	20.9	26.3	26.8		
July																			
25.2	30.3	28.0	28.4	30.0	27.3	27.2	31.3	30.3	32.1	29.0	31.0	29.9	32.7	24.4	28.0	30.7	31.8		
August																			
33.8	35.7	35.5	36.8	36.3	35.7	33.6	29.8	35.0	32.8	34.5	34.5	28.8	35.1	33.9	32.4	33.8	36.8		
September																			
31.6	33.6	34.2	33.8	32.6	33.5	29.5	30.1	32.0	31.5	32.2	30.0	27.4	26.2	26.2	26.9	20.4	26.5		
October																			
22.4	22.4	24.8	21.2	24.1	28.7	23.9	25.2	26.9	27.5	24.7	23.9	26.9	26.0	20.9	23.1	19.4	17.8		
November																			
19.2	13.5	17.8	20.9	21.3	21.6	20.4	17.7	19.7	15.5	18.8	17.4	12.2	9.6	11.8	13.1	16.6	14.8		
December																			
11.0	8.7	13.0	11.7	15.7	11.7	14.9	10.1	5.6	5.3	10.8	6.7	5.6	6.2	8.8	4.6	5.3	4.3		

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
17.7	23.6	17.5	16.1	22.4	20.7	21.3	16.9	24.0	20.7	18.6	20.1	21.9	28.3		21.5	18.6
27.3	20.5	19.5	23.1	17.3	20.6	25.2	23.3	24.7	21.5	25.0	27.8	18.2	21.3	22.9	22.5	23.2
24.3	24.3	27.8	23.3	30.6	23.6	23.1	23.1	23.1	23.8	24.6	23.1	26.4	25.6		24.7	24.6
30.3	30.0	33.8	30.3	32.1	31.6	31.5	31.4	33.2	34.0	35.7	34.5	34.1	34.7	34.0	33.4	30.9
34.8	34.4	35.7	34.0	35.2	34.0	34.1	32.9	33.9	33.7	33.9	33.8	34.1	36.3	31.0	33.9	34.1
30.4	26.3	26.4	26.7	26.3	20.2	19.8	19.2	22.1	23.5	25.1	19.4	20.3	22.8		21.9	26.9
19.7	20.2	17.7	21.6	21.4	20.9	22.7	21.7	16.3	18.8	20.8	21.3	17.1	20.1	21.4	20.2	22.1
11.0	14.2	15.1	13.6	19.8	18.1	20.2	12.3	7.4	12.5	16.4	16.7	9.9	10.2		14.4	15.6
7.2	6.4	2.6	5.8	4.4	5.1	9.5	5.4	8.8	10.3	9.2	10.6	16.3	17.5	9.6	9.7	8.8

Table 3. Daily Minimum Temperature (°C). (1985)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17		
January																			
February																			
March																			
April																			
-1.3	-0.7	5.4	8.8	2.0	-1.2	8.0	6.1	3.7	5.5	3.6	9.0	8.5	9.4	9.2	3.7	2.7	0.2		
May																			
7.9	9.0	9.8	11.4	13.0	16.6	12.4	10.2	8.1	11.1	11.0	9.8	9.1	13.3	9.9	7.3	4.7	6.6		
June																			
14.0	13.0	15.0	13.3	9.7	8.8	13.2	14.2	16.2	14.3	13.2	17.4	17.4	15.7	14.2	13.7	12.1	14.3		
July																			
18.5	18.7	19.0	21.5	21.4	20.5	21.1	20.8	22.5	22.5	20.7	22.4	23.1	23.6	18.0	16.4	15.3	18.7		
August																			
22.7	20.8	20.9	21.1	22.2	23.7	23.2	26.9	23.9	22.7	22.8	25.0	23.7	24.2	26.3	23.6	22.8	21.4		
September																			
23.3	21.8	22.8	21.8	22.3	21.6	20.9	17.5	15.7	19.5	20.7	23.0	19.4	16.2	14.5	13.1	18.5	18.1		
October																			
12.3	8.3	8.1	11.7	14.4	17.1	12.8	11.5	10.0	11.8	11.8	18.6	19.8	17.9	10.6	7.8	10.0	11.0		
November																			
10.9	7.9	4.7	2.7	6.5	13.8	15.2	13.3	11.2	7.6	9.4	6.3	4.6	5.4	5.0	1.8	1.2	5.4		
December																			
0.8	0.5	-2.1	-0.8	3.8	2.3	3.8	2.8	-0.6	-1.4	0.9	-0.4	-0.2	-0.8	-0.8	-3.4	-5.1	-4.7		

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
4.3	3.6	5.9	5.7	3.7	7.3	11.5	5.9	2.9	6.5	5.3	2.6	4.6	7.2		5.8	5.0
11.4	15.4	16.6	10.4	11.7	10.5	9.1	14.2	16.4	9.8	8.2	14.7	11.0	9.0	12.4	11.6	11.0
12.0	16.6	17.8	15.1	17.4	19.4	18.5	19.3	19.9	19.5	18.0	17.2	15.5	18.2		18.3	15.5
21.6	20.7	20.5	20.0	20.0	19.1	21.2	20.4	21.5	22.4	21.7	22.2	21.4	20.4	21.0	21.0	20.6
21.2	22.0	21.9	23.2	21.6	22.9	22.5	20.1	20.2	18.2	21.1	20.3	21.7	22.5	22.9	21.3	22.4
20.2	21.4	20.1	18.5	19.2	16.3	16.1	16.6	17.6	13.8	11.6	15.5	17.0	14.0		15.8	18.3
8.4	8.4	9.3	12.2	8.2	9.3	7.0	8.0	8.6	8.1	6.6	6.1	10.1	15.0	15.1	9.3	11.0
4.1	1.1	0.3	3.5	3.4	8.8	12.3	5.6	3.7	3.8	4.4	6.5	1.5	-0.9		4.9	5.9
-2.9	-1.0	0.4	-1.9	-0.6	0.4	0.8	-1.9	-2.8	-0.7	-1.3	-2.9	-1.9	6.1	0.2	-0.4	-0.5

Table 4. Daily Amount of Precipitation (mm). (1985)

1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15	16	17			
January																				
February																				
March																				
April																				
0	0	0	1.0	0	0	0	0	0	0	1.0	54.5	40.5	26.5	0.5	23.0	0	0			
May																				
0	0	0	0	11.5	5.5	0.5	0	0	0	17.5	0	0	4.0	12.5	0	0	0			
June																				
0	0	0	0	0	0	3.0	13.0	0	0	16.0	0	0	4.5	1.0	1.0	0	0			
July																				
1.0	2.0	38.0	9.5	7.5	17.5	3.0	5.0	25.5	85.0	194.0	0.5	22.5	44.0	3.5	0	0	0			
August																				
0	0	0	0	0	13.5	0	1.5	0	0	15.0	0	2.5	0	0	1.5	2.0	0.5			
September																				
0	0	0	0	0	0	9.5	2.0	0	0	11.5	11.0	26.0	0	0	0	9.5	0			
October																				
0	0	0	0.5	15.5	0.5	0.5	0	0	0	17.0	3.0	3.0	9.5	0.5	0	7.5	14.5			
November																				
3.0	13.0	0	0	0	0	22.0	5.5	1.0	0	44.5	0	2.0	0.5	0	1.5	0	1.0			
December																				
0	0.5	0	2.5	1.0	17.5	0	0	12.0	11.5	45.0	0	0	0	0	0	0	14.5			

18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬平均	月平均
0	19.0	17.5	181.5	0	0.5	0	0.5	0	8.5	2.0	0	0	0		11.5	194.0
0			16.5		0	0	2.5	3.5	0.5	0	0	4.0	0	1.0	11.5	45.5
0	0	0	6.5	19.5	10.0	16.5	45.5	46.0	3.5	12.5	31.0	2.5	113.5		300.5	323.0
0	0	23.5	94.0	5.5	0	0	0	1.0	0.5	0	0	0	0	0	7.0	295.0
0	7.5	0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	29.0
9.5	11.0	6.5	73.5	0.5	49.0	30.5	14.0	3.0	1.0	0	27.0	50.5	0		175.5	260.5
0	0	0	38.0	0	0	0	0	0	0	0	0	6.5	3.5	7.0	17.0	72.0
0	0	0	5.0	0	2.0	3.5	20.0	1.0	0	3.5	2.0	3.0	0		35.0	84.5
2.0	0	13.0	29.5	0.5	4.5	1.0	4.0	0	0	0	0	0	2.0	1.0	13.0	87.5

Table 5. Wind Direction at 9 AM. (1985)

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

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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SW	SSW	S	SW	SW	WSW	NE	NW	ESE	ENE		SW			
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WSW	SE	SW	WSW		ESE		SSW	ESE	SSE		SW	NE	NE	SSW
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SW		SW	SW	SSE	ESE		NE			WSW	W		ESE	
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SW	N	SW	SSW			SW	SW	SW	ENE	WSW	SW	SW	SW	WSW
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WSW	SW	SSW	SSE	SE	WSW	WSW	SSE	SSW	NE	ESE	SSW	SSW	SW	E
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	SSW	E	NE	WSW	WSW	NE		ESE	SW	ESE			E	
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NE	SW	E		SSW	E	ESE	ENE	NE	NE	SSE	E	NE		ENE
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WSW	SW	WSW	NE	SE	NE	ESE		WSW		NE	E	SW	NE	
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	NE	WSW						ENE				ENE	ENE	ESE
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Table 6. Wind Speed at 9 AM. (1985)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
January															
February															
March															
April															
0.3	2.2	2.6	0.7	1.7	0.5	0.7	1.8	0.9	1.2	0.3	0.8	0.6	0.1	0.6	0.3
May															
4.5	0.3	0.2	0.9	2.5	2.8	1.0	0.7	0.8	1.7	0.8	0	2.3	0.2	1.5	2.1
June															
0.2	0.3	1.4	0.5	1.5	0.5	0.1	0.6	0.1	0.2	0.3	0.1	1.9	1.8	0.1	0.5
July															
0.2	0.4	0.2	2.0	1.1	0.8	0.8	5.6	0.4	1.0	0.2	0.2	1.5	0.8	0.4	0.5
August															
0.5	0.8	0.4	2.0	2.8	1.7	0.2	2.4	2.7	3.4	2.3	0.2	0.9	2.5	1.8	2.2
September															
2.5	1.2	1.1	0.6	0.1	0.1	1.5	0.1	0.6	0.3	5.3	0.5	0.5	0.8	0.5	0
October															
0.2	0.6	0.6	0.4	0.5	7.7	2.2	0.3	0.2	0.8	1.1	0.3	5.9	1.4	0.5	2.4
November															
3.1	1.5	0.3	0.4	0.4	0.7	0.4	0.6	0.3	3.5	5.9	0.6	0.8	3.2	0.6	0.1
December															
2.4	1.3	0.5	0.9	0	0.1	0.2	0.2	0	0	1.6	0	2.0	2.6	5.0	1.0

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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1.2	1.0	2.3	2.5	0.7	1.5	0.9	1.4	0.4	0.4	0.3	1.1	0.2	0.1	
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3.0	0.9	2.1	0.7	0.3	1.0	0.2	0.9	0.4	0.5	0.6	0.8	1.4	1.9	2.3
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0.6	0	1.3	0.9	1.1	2.1	0	1.2	0.4	0.1	2.2	1.3	0.4	0.8	
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0.6	1.5	1.1	0.9	0.1	0.2	0.4	1.1	0.8	0.2	1.7	0.8	1.5	0.8	1.1
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3.7	0.9	2.2	0.5	2.1	1.4	1.1	0.8	1.2	1.3	0.7	0.6	0.3	0.8	2.9
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0	0.8	0.8	1.7	1.3	1.1	2.4	0	1.2	1.0	1.5	0	0.1	0.6	
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2.6	1.1	1.0	0.1	0.5	0.5	0.5	1.9	2.0	1.1	0.4	0.5	0.6	0	0.3
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4.1	2.1	1.1	1.0	0.3	1.4	0.3	0.3	2.5	0.1	1.4	1.1	1.7	1.9	
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0.5	1.2	4.4	0	0.2	0.2	0.1	0.4	0.5	0.3	0	0	1.3	2.4	1.0
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Table 7. Daily Weather (1985)

: ○ 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	☉	☽	☉	☽	●	*	△	
☉	☉	☉	☉	☉	☉	●	☉	☉	☽	☽		7	4	13	1	5			
☉	☉	☉	☉	☉	●	☽	☉	●	☉	☉	☉	14	2	9	1	5			
☽	●	●	●	●	●	☉	☉	●	☉	●		4	5	11		10			
☉	☉	☽	☽	☽	☉	☉	☉	☉	☉	☉	☉	8	6	10		7			
☽	☉	☉	☉	☉	☽	☉	☽	☉	☉	☉	☉	19	6	5		1			
☉	☉	●	☉	☉	☉	☉	●	☉	●	☉		4	6	14		6			
☉	☽	☽	☽	☉	☽	☽	☽	☽	●	☉	☉	3	14	11		3			
☽	☉	☉	☽	☉	☉	☉	☽	☉	☽	☉		7	6	12	2	3			
☉	☉	☉	☉	☽	☉	☉	☽	☽	☉	☉		3	5	20	1	1	1		

Table 8. Daily Humidity (%) at 9 AM (1985)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17			
January																				
February																				
March																				
April																				
72.0	37.4	53.3	77.7	48.3	45.1	58.4	57.7	49.3	46.4	54.6	92.6	90.6	92.1	67.9	89.2	83.9	40.0			
May																				
20.7	46.5	43.4	49.1	44.0	61.9	86.4	64.8	50.4	52.9	52.0	44.5	42.7	49.5	88.2	55.8	54.7	36.0			
June																				
84.9	62.6	64.0	67.3	56.6	42.4	60.9	81.8	79.6	63.6	66.4	69.8	76.3	85.2	71.6	85.6	62.1	39.8			
July																				
76.4	71.8	89.2	69.7	80.0	88.0	87.9	49.0	68.7	86.4	76.7	73.3	87.8	61.4	79.6	68.3	56.7	56.6			
August																				
54.0	58.7	51.4	51.8	47.2	49.9	63.5	64.3	51.3	50.3	54.2	57.2	81.7	53.9	57.5	59.3	52.0	56.0			
September																				
48.8	64.8	52.3	53.9	61.6	52.4	56.6	85.3	59.9	56.3	59.2	47.2	83.8	68.2	56.5	68.6	87.3	76.4			
October																				
81.2	70.2	78.4	78.6	84.7	48.8	53.6	69.4	74.3	64.4	70.4	55.1	80.0	57.1	54.2	81.2	63.5	82.5			
November																				
61.6	78.3	82.6	89.8	84.6	81.7	84.1	81.1	79.6	47.0	77.0	42.2	73.9	68.7	48.6	63.5	82.5	52.8			
December																				
60.0	75.2	88.6	72.8	88.3	89.1	89.3	76.8	85.5	86.2	81.2	73.2	64.8	45.8	57.6	47.9	77.8	77.6			

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
61.7	34.9	53.8	70.7	50.4	49.8	81.2	59.6	35.8	49.2	65.1	29.1	35.6	47.2		50.3	58.5
43.4	52.9	88.4	55.6	80.7	59.6	54.2	58.0	85.1	69.4	49.2	56.0	88.7	53.6	48.9	64.0	57.4
62.2	61.0	73.4	68.7	54.8	84.1	88.5	89.4	88.8	82.0	69.2	87.9	87.0	74.5		80.6	71.9
60.7	72.8	58.1	67.5	80.1	62.8	59.0	62.7	63.0	64.7	50.5	50.0	58.3	57.0	59.9	60.7	68.1
56.9	57.4	54.6	58.7	42.8	53.7	45.6	50.0	58.2	48.2	48.8	61.9	63.6	51.5	52.7	52.5	55.0
58.6	75.7	85.1	70.7	72.7	87.0	83.1	86.0	86.5	77.8	66.9	87.6	86.0	69.3		80.3	70.1
59.5	68.8	83.6	68.6	69.5	80.6	78.8	68.2	45.7	75.6	82.3	75.6	88.2	87.3	87.4	76.3	71.9
53.5	48.7	78.2	61.3	80.0	62.8	85.7	86.4	48.7	77.2	79.6	46.1	62.8	80.8		71.0	69.8
80.6	55.6	89.3	67.0	89.5	88.7	88.8	74.5	88.8	82.0	88.5	88.0	68.8	56.3	87.5	81.9	76.9

Table 9. Daily Duration of Sunshine (hours). (1985)

1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15	16	17		
January																			
February																			
March																			
April																			
11.0	9.0	5.6	7.9	4.3	8.0	3.9	11.4	11.2	9.9	82.2	0	0	0.9	6.1	0	9.7	10.4		
May																			
11.6	11.4	10.2	11.0	1.5	0.6	0	9.6	11.9	5.5	73.3	11.9	11.3	3.7	0.5	8.7	12.1	12.1		
June																			
7.0	9.1	9.8	10.8	11.1	12.3	5.6	6.0	8.2	11.4	91.3	7.7	5.9	0	1.5	7.4	11.7	11.8		
July																			
7.5	8.5	0.2	0.3	1.1	3.8	1.1	4.2	2.0	1.7	30.4	0	0	0	0	11.6	10.3	9.0		
August																			
11.3	8.6	11.9	0	5.7	4.1	6.8	1.8	6.9	3.7	60.8	0	0	6.2	7.6	5.5	1.7	5.2		
September																			
0	0.9	4.5	0	0.5	1.5	3.4	3.6	9.8	6.2	30.4	0.1	1.0	8.0	9.5	7.3	0	4.6		
October																			
5.9	8.0	10.8	1.3	0	3.5	2.8	4.4	5.3	7.9	49.9	0.5	2.3	0	5.4	9.8	0.5	0.4		
November																			
2.4	1.5	9.7	4.5	8.3	2.9	2.4	0.7	4.5	2.6	39.5	4.6	3.3	2.1	2.9	3.1	5.1	1.8		
December																			
2.2	0.1	8.2	0	6.2	0	5.1	0.5	3.9	4.1	30.3	4.4	4.6	2.4	2.4	6.9	6.3	3.1		

18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月計
9.6	10.5	10.0	57.2	11.1	3.4	8.5	9.3	11.6	0.4	9.6	11.8	11.3	11.5		88.5	227.9
9.4	1.0	0.2	70.9	1.6	8.0	12.2	3.1	8.5	9.3	9.2	6.8	3.1	11.2	5.2	78.2	222.4
7.8	7.4	8.8	70.0	8.5	1.6	0.2	0.3	1.0	3.4	5.0	5.0	3.1	1.0		29.1	190.4
2.1	6.4	10.5	49.9	0.4	8.1	10.3	9.8	7.9	6.5	9.2	12.1	6.7	10.7	11.3	93.0	173.3
0	3.3	6.8	36.3	11.4	4.0	5.4	6.2	0	0.1	5.0	10.9	4.6	4.3	0.4	52.3	149.4
4.9	3.0	3.0	41.4	5.2	0	0.4	0	0.5	6.0	8.9	0	0.5	6.4		27.9	99.7
7.8	8.4	1.6	36.7	9.0	2.8	8.1	4.6	4.2	7.1	8.1	4.6	0.1	0.1	2.8	51.5	138.1
2.4	9.0	4.7	39.0	8.7	0.1	2.2	0.1	0.8	2.0	5.4	0	5.4	4.3		29.0	107.5
7.5	3.9	0.5	42.0	0	0	3.5	0.1	0.7	1.8	0.2	7.8	4.8	0.7	4.1	23.7	96.0

Table 1. Daily Atmospheric Temperature at 9 AM (°C). (1986)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17	
January																		
2.0	-0.5	-1.5	6.6	-3.1	-1.3	2.4	4.4	-2.0	-1.5	0.6	-0.1	0.2	3.0	1.0		2.5	2.8	
February																		
	0.6	0.7	-0.6	2.1	0.6	-2.2	-0.7	-0.9	-0.5	-0.1	-1.1	0.2	-1.5	2.9	3.6	-0.2	-1.2	
March																		
0.7	0.2	1.8	0.7	5.8	3.3	2.9	2.3	8.9	14.2	4.1	4.8	5.8	4.7	5.6	7.3	7.0	5.7	

Table 2. Daily Maximum Temperature (°C) (1986)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17	
January																		
2.3	2.8	7.2	9.4	-0.3	2.9	7.3	7.4	2.7	4.1	4.6	4.1	5.4	5.6	5.5	9.1	8.9	9.8	
February																		
4.3	7.2	3.6	4.2	5.7	4.1	5.3	1.6	1.7	4.6	4.2	5.3	8.1	8.6	9.7	3.9	1.7	4.5	
March																		
2.3	4.4	6.9	8.8	9.4	9.4	12.6	14.6	19.1	15.1	10.3	6.7	12.1	14.1	7.4	13.2	8.4	8.5	

Table 3. Daily Minimum Temperature (°C) (1986)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17	
January																		
-1.3	-1.7	-3.6	-1.6	-4.1	-3.4	-3.5	-2.6	-2.7	-2.7	-2.7	-3.0	-3.5	-3.7	-0.1	-0.6	1.0	0.9	
February																		
-1.6	-2.4	-2.4	-2.6	-2.0	-3.1	-5.5	-3.8	-3.3	-2.6	-2.9	-2.7	-2.8	-4.2	1.6	-1.3	-2.1	-4.0	
March																		
-0.1	-3.1	-2.9	-3.4	-1.4	-1.6	-2.4	-3.0	-0.6	6.2	-1.2	3.0	1.3	-2.0	5.1	6.2	3.4	-0.6	

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
1.7	-1.5	0.7	1.1	3.2	0.2	0.2	0.3	-0.3	-1.4	-0.1	-0.3	1.2		2.0	0.5	0.7
-0.9	4.2	1.6	0.8	0.3	1.7		-0.9	1.3	-1.2	1.7	1.6				0.5	0.4
2.9	8.8	4.8	5.7	3.2	3.8	4.6	7.3	5.6	6.9	8.2	8.7	9.2	10.9	7.8	6.9	5.6

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
8.5	9.7	10.4	7.7	5.8	2.3	3.7	2.5	2.3	2.1	1.8	4.8	7.8	8.9	8.1	4.6	5.6
1.3	6.5	7.3	5.7	3.5	8.0	-0.4	1.6	4.4	7.6	4.0	4.3				4.1	4.7
8.8	11.3	6.3	9.7	9.2	9.3	5.8	10.9	11.7	16.1	17.9	11.5	14.4	15.7	12.4	12.3	10.8

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
-1.2	-3.4	-3.7	-1.7	0.2	-1.0	-1.3	-0.4	-0.9	-1.7	-2.8	-3.3	-1.5	-2.0	-1.6	-1.5	-2.0
-3.0	0.9	0.2	-1.7	0.0	-1.5	-2.1	-1.9	-4.0	-6.9	-2.8	-3.7				-2.9	-2.5
-1.6	4.2	1.8	2.1	0.7	-1.0	1.1	0.0	-1.9	-2.1	-1.0	7.6	3.9	2.3	0.6	0.9	0.6

Table 4. Daily Amount of Precipitation (mm). (1986)

1	2	3	4	5	6	7	8	9	10	上旬計	11	12	13	14	15	16	17
January																	
0	0	0	1.0	0	0	0	0	0	1.0	2.0	10.0	5.0	0.5	0.5	0	0.5	0
February																	
7.5	0	2.5	0	0	3.5	11.0	6.5	9.5	0.5	41.0	0.5	0	0	2.0	7.0	0	0
March																	
25.0	0	1.5	0	2.5	0	0	0	0	0	29.0	5.5	0	3.5	24.5	0	0	0

Table 5. Wind Direction at 9 A.M. (1986)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
January															
W	WSW		SW	SW	WSW	ENE	N		WSW	SW		WSW	ENE		ENE
February															
			SE	SW	S			NE		WSW			ENE	WSW	N
March															
	ENE	ENE		ENE	WSW	ESE	SSE	NNE	WSW			SE			SSW

Table 6. Wind Speed at 9 A.M. (1986)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
January															
0.5	4.4	0	1.5	3.7	2.6	0.2	1.2	0.4	3.8	0.3	0	1.9	0.6		0.9
February															
	0.4	0	0.3	3.8	0.4	0	0	0.5	0	0.5	0	0	0.3	0.9	0.9
March															
0	1.7	1.1	0.2	3.2	0.9	0.6	0.3	0.9	1.9	0	0	0.2	0	0.1	0.5

18	19	20	中旬計	21	22	23	24	25	26	27	28	29	30	31	下旬計	月總計
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0	0	0.5	17.0	15.5	20.0	1.5	16.5	1.5	1.0	1.5	0	0	0	0.5	58.0	77.0
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13.5	5.5	9.5	38.0	11.5	0	0	14.5	0.5	0	1.5	5.5				33.0	112.5
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4.5	2.5	9.5	50.0	0	4.0	33.0	0	0	0	0.5	13.0	2.0	2.0	0	54.5	133.5
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17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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E										SW	ENE			NE
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	NNE	WSW			ENE			WSW	ENE	WSW	WSW			
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NNW	WSW	E		WSW	SW	N	SSE	SW				NE	S	SW
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17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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1.2	0	0.2	0.1	0	0	0.1	0.5	0	0	3.5	0.7	0.4		1.2
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0	0.4	0.9	0.2	0	1.1		0	1.6	1.0	1.7	4.0			
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1.2	0.2	1.3	1.1	0.5	0.7	1.5	0.9	0.9	0.1	0.1	0	1.2	0.2	1.0
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Table 7. Daily Weather (1986)

: ○ 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																		
*	○	⊙	⊙	○	⊕	○	○	⊕	⊙	⊙	●	●	⊙	⊙	⊙	⊙	●	⊙

Table 8. Daily Humidity (%) at 9 A.M. (1986)

1	2	3	4	5	6	7	8	9	10	上旬 平均	11	12	13	14	15	16	17	
January																		
61.5	50.5	72.9	68.1	66.7	54.0	57.5	64.1	82.0	66.9	64.5	59.7	88.8	62.0	82.4		79.0	89.9	
February																		
	78.5	86.0	64.3	45.9	61.6	88.7	77.0	88.1	83.9	74.9	83.3	88.2	84.9	89.7	80.0	46.3	71.1	
March																		
87.8	75.3	72.6	60.3	66.8	80.4	76.4	81.1	56.8	56.9	71.4	84.6	79.1	58.1	86.3	85.2	58.9	38.9	

Table 9. Daily Duration of Sunshine (hours). (1986)

1	2	3	4	5	6	7	8	9	10	上旬 計	11	12	13	14	15	16	17	
January																		
1.7	6.6	4.5	1.2	5.7	2.8	3.7	1.8	5.0	7.6	40.6	3.1	6.0	1.8	1.6	6.6	1.7	2.0	
February																		
4.3	6.3	2.4	6.1	8.4	4.5	6.1	1.9	0.6	5.8	46.4	3.3	7.3	5.1	2.9	0	3.4	6.1	
March																		
1.8	7.3	4.4	10.0	4.1	6.3	10.7	10.6	9.1	3.3	67.6	0	9.4	8.4	0	3.5	2.1	7.8	

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

20	21	22	23	24	25	26	27	28	29	30	31	○	⊕	☉	⊕	●	*	△
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○	*	*	*	*	☉	☉	☉	☉	⊕	●	☉	2	3	18		1	7	
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☉	☉	○	⊕	*	☉	☉	☉	☉				3	3	14		1	7	
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☉	⊕	●	☉	☉	○	○	☉	●	○	☉	⊕	7	3	14	1	5	1	
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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
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88.4	88.4	89.4	80.9	87.1	88.9	86.9	89.1	86.4	83.3	54.0	81.4	80.7		90.1	82.8	75.9
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86.8	64.1	87.8	78.2	87.1	74.2		76.9	64.9	73.5	57.8	58.5				70.4	75.0
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58.6	86.1	77.1	71.3	88.8	74.7	83.3	38.7	70.8	59.1	54.0	87.0	80.7	63.5	60.3	69.2	70.6
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18	19	20	中旬 計	21	22	23	24	25	26	27	28	29	30	31	下旬 計	月 総計
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1.9	8.8	4.1	37.6	0.9	1.3	4.5	1.6	4.3	3.5	2.8	2.8	5.8	0.5	3.8	31.8	110.0
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0	2.9	4.7	35.7	2.9	7.7	0	2.0	7.2	6.8	5.7	2.8				35.1	117.2
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5.8	0.1	0.6	37.7	7.6	5.4	0	9.2	10.7	10.6	7.8	0	7.7	7.0	9.5	75.5	180.8
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