

## Meteorological Data No.28 (1979)

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### I. Contents:

Monthly meteorological data from January to December.

### II. Notes:

The observation field is an unplanted sand field at the Sand Dune Research Institute, (Location: 35°32' N, 134°13' E, Height above sea level: 23m).

Following notations are used in the tables.

- (1) **T** Temperature in 24 hours from 9:00 a.m. daily (°C)
  - T<sub>o</sub>** recorded at 9:00 a.m.
  - T<sub>x</sub>** daily maximum
  - T<sub>n</sub>** daily minimum
  - T<sub>r</sub>** range (T<sub>x</sub> - T<sub>n</sub>)
  - T<sub>m</sub>** mean (T<sub>x</sub> + T<sub>n</sub>)/2
- (2) **H<sub>o</sub>** Humidity (relative) recorded at 9:00 a.m. (%)
- (3) **S** Sunshine duration daily total hours (hrs)
- (4) **R** Solar radiation daily amount (ly/day)
- (5) **P** Precipitation amount in 24 hours from 9:00 a.m. daily (mm)
- (6) **E** Evaporation amount in 24 hours from 9:00 a.m. daily (mm)
- (7) **d** Most frequent daily wind direction
- (8) **v** Daily mean wind velocity (m/sec)
- (9) **T<sub>s</sub>** Soil temperature recorded at 9:00 a.m. daily (°C)  
(Measurement depth : 0, 5, 10, 20, 30, 50 and 100 cm)
- (10) **Snow** Depth of snow cover recorded at 9:00 a.m. (cm)
- (11) **Nt** Cloud amount observed at 9:00 a.m. (0~10)
- (12) **Weather** Weather observed at 9:00 a.m.
  - : clear    **Nt** < 2                      ⊙ : fine    2 ≤ **Nt** ≤ 8
  - ☉ : cloudy   **Nt** > 8                    ● : rain
  - ⊗ : snow

Time used in this notes are Japanese local standard time (G.M.T.+9hrs).

Mark with  $\Sigma$  in the following tables means sum value,  $\times$  means lack of data and - means zero.

# Monthly Meteorological Data

January (1979)

Date	Temperature				H <sub>s</sub>	S	R	P	E	Wind		Soil Temperature (Ts)							Snow	Nt	Weather
	T <sub>s</sub>	T <sub>x</sub>	T <sub>n</sub>	T <sub>m</sub>						d	v	0	5	10	20	30	50	100			
1	2.8	7.0	0.4	6.6	3.7	80	0.4	76.8	0.2	SE	2.0	2.6	2.6	2.7	3.7	5.1	5.8	9.2	10	●	
2	5.5	7.9	2.0	5.9	5.0	82	1.7	78.1	—	SSE	×	6.0	3.5	3.5	4.5	5.7	6.0	9.0	7	⊙	
3	5.2	12.1	0.0	12.1	6.1	60	3.8	146.8	—	×	×	0.8	0.9	2.0	3.6	5.4	6.5	9.0	8	⊙	
4	6.6	12.2	5.0	7.2	8.6	67	0.0	93.8	0.7	SSE	×	5.0	4.7	4.6	5.3	6.1	6.5	8.8	10	⊙	
5	8.3	9.7	5.7	4.0	7.7	81	0.4	60.7	6.1	SSE	×	7.4	6.3	5.8	6.5	7.2	7.0	9.0	10	⊙	
6	6.7	14.0	2.5	11.5	8.3	74	8.2	252.0	—	SSE	×	3.0	3.6	4.3	5.6	6.7	7.0	9.0	0	⊙	
7	10.2	15.3	6.4	8.9	10.9	76	3.4	133.2	0.9	S	3.2	7.0	6.2	5.5	6.3	7.0	8.0	9.5	10	⊙	
8	11.5	17.6	4.2	13.4	10.9	64	7.8	249.2	—	SSE	1.8	7.3	3.9	4.1	5.9	7.4	7.5	9.0	0	⊙	
9	7.9	17.6	4.2	13.4	10.9	68	6.9	216.4	—	SSE	2.0	5.8	4.4	4.3	5.9	7.4	7.9	9.1	10	⊙	
10	11.8	18.5	3.3	15.2	10.9	55	6.5	189.6	8.7	NE	3.1	8.5	4.8	4.6	6.4	7.8	8.0	9.2	2	⊙	
10 days av.	7.7	13.2	3.4	9.8	8.3	71	Σ39.1	Σ1,496.6	Σ19.9	Σ16.5	2.5	5.7	4.1	4.1	5.4	6.6	7.0	9.1			
11	4.6	5.5	4.2	1.3	4.9	88	0.0	31.6	1.6	E	4.1	5.0	6.0	6.9	8.3	9.0	8.3	9.2	10	●	
12	4.5	4.5	-0.2	4.7	2.2	76	0.0	70.0	11.7	ENE	2.1	3.9	3.4	3.4	4.7	6.5	7.5	9.3	10	⊙	
13	1.8	4.8	1.2	3.6	3.0	87	0.0	27.8	29.0	W	3.6	1.0	2.5	3.9	5.0	6.4	7.5	9.2	10	●	
14	2.4	6.3	0.2	6.1	3.3	68	3.4	149.4	0.7	W	3.8	0.0	0.9	1.6	2.8	4.3	5.4	8.0	7	⊙	
15	3.8	6.7	-0.1	6.8	3.3	61	4.9	156.2	7.0	W	3.8	0.2	1.0	1.5	2.5	3.4	5.0	8.0	8	⊙	
16	1.7	8.4	-0.7	9.1	3.9	89	3.1	125.1	0.5	SSE	3.0	0.1	1.0	1.6	3.0	4.0	5.0	8.0	10	⊙	
17	5.0	11.1	0.0	11.1	5.6	60	2.3	127.4	6.0	S	3.6	1.7	1.0	1.7	3.0	4.5	5.0	8.0	9	⊙	
18	7.8	8.9	4.6	4.3	6.8	90	0.0	33.6	19.5	W	6.8	6.4	5.9	5.0	5.0	5.4	5.8	8.0	10	●	
19	4.1	5.0	0.1	4.9	2.6	68	0.9	76.3	9.5	SE	5.3	1.4	1.5	2.0	3.4	4.6	5.2	7.9	10	⊙	
20	1.5	9.0	-0.4	9.4	4.3	82	4.2	172.6	1.7	SSE	3.2	0.1	1.0	1.6	2.9	4.1	×	7.2	1	⊙	
10 days av.	3.7	7.0	0.9	6.1	4.0	77	Σ18.8	Σ970.0	Σ87.2	Σ13.3	4.0	2.0	2.4	2.9	4.1	5.2	6.1	8.3			
21	5.2	7.0	1.0	6.0	4.0	83	1.0	61.9	10.5	W	5.3	3.6	3.5	3.2	3.7	4.5	×	7.3	10	⊙	
22	1.2	6.8	0.0	6.8	3.4	95	0.8	102.4	—	SE	2.2	0.0	1.0	1.6	3.0	4.1	×	7.5	3	⊙	
23	4.7	9.7	-0.8	10.5	4.5	62	4.1	137.0	—	×	3.0	0.1	0.4	1.0	2.2	3.4	×	7.1	6	⊙	
24	8.6	11.6	1.9	9.7	6.8	57	3.2	115.5	—	S	2.6	6.0	3.6	2.5	2.9	3.8	×	7.2	8	⊙	
25	5.6	12.0	-0.2	12.2	5.9	64	3.9	185.3	—	SE	2.2	0.2	0.5	1.4	2.8	4.1	×	7.0	2	⊙	
26	7.4	16.8	2.1	14.7	9.5	66	8.5	259.3	—	SE	2.9	4.1	2.6	3.0	4.4	5.5	5.8	7.0	6	⊙	
27	7.8	15.0	4.2	10.8	9.6	69	5.3	160.2	—	NE	4.1	5.9	4.5	4.2	5.5	6.4	6.8	7.3	10	⊙	
28	5.0	7.5	4.4	3.1	6.0	58	3.7	172.4	0.3	NE	4.9	5.2	5.7	5.8	6.5	7.6	7.0	7.5	8	⊙	
29	1.8	12.3	2.0	10.3	7.2	87	0.0	40.7	11.7	×	1.3	2.1	4.4	4.9	6.0	6.8	7.0	×	10	⊙	
30	11.8	12.1	0.8	11.3	6.5	87	0.0	68.0	0.6	NW	3.7	10.3	9.0	7.6	7.1	7.0	7.5	7.3	10	⊙	
31	6.2	9.5	2.7	6.8	6.1	81	2.3	108.2	23.3	SSE	1.7	7.5	5.8	5.3	6.2	7.1	7.2	7.2	7	⊙	
11 days av.	5.9	10.9	1.6	9.3	6.3	74	Σ32.8	Σ1,410.9	Σ46.4	Σ16.8	3.1	4.1	3.7	3.7	4.6	5.5	×	7.2			
Monthly av.	5.8	10.4	2.0	8.4	6.2	74	Σ90.7	Σ3,877.5	Σ153.5	Σ46.6	3.3	3.9	3.4	3.6	4.7	5.8	6.6	8.2			

February (1979)

# Monthly Meteorological Data

Date	Items		Temperature (Ts)					H <sub>s</sub>	S	R	P	E	Wind		Soil Temperature (Ts)							Snow	Nt	Weather	
	T <sub>s</sub>	T <sub>m</sub>	T <sub>x</sub>	T <sub>n</sub>	T <sub>r</sub>	T <sub>m</sub>	d						v	0	5	10	20	30	50	100					
	4.2 5.9 4.5 5.2		4.6 -2.5 7.1 1.1		8.0 -1.7 9.7 3.2		10.9 2.0 8.9 6.5						7.9 1.3 6.6 4.6		7.4 3.8 8.1 7.3		8.8 9.1 7.3 3.8		11.5 2.1 9.4 6.8		7.0 3.8 7.0 0.6				10.5 3.5 7.0 7.0
1	4.2	5.9	4.5	5.2	1.4	5.2	73	3.9	175.9	0.2	3.4	3.4	WSW	6.2	4.8	5.5	5.8	6.6	7.4	7.2	7.1	7.1		10	☉
2	0.4	4.6	-2.5	7.1	1.1	89	1.0	145.3	—	2.0	2.0	SSE	2.7	0.0	0.5	1.6	3.6	5.5	5.5	7.4	7.4		10	☉	
3	3.8	8.0	-1.7	9.7	3.2	56	0.6	118.5	5.5	0.8	0.8	SE	2.7	1.9	1.3	1.7	3.4	4.8	6.2	7.2	7.2		10	☉	
4	5.2	10.9	2.0	8.9	6.5	91	0.0	48.8	4.8	0.3	0.3	W	2.7	4.9	4.5	4.0	4.5	5.3	7.0	7.5	7.5		10	☉	
5	3.9	7.9	1.3	6.6	4.6	81	1.8	128.4	29.5	0.0	0.0	SSE	1.5	5.5	3.9	3.3	4.2	5.1	6.1	7.0	7.0	2	9	☉	
6	3.2	7.4	0.1	7.3	3.8	91	0.2	60.4	2.2	0.6	0.6	SSW	2.4	0.1	1.1	1.8	3.4	4.6	5.9	7.0	7.0		10	☉	
7	6.8	11.5	2.1	9.4	6.8	66	8.0	300.8	—	2.7	2.7	SSE	2.1	3.2	2.4	3.2	4.3	5.1	7.0	7.0	7.0		3	☉	
8	4.0	7.0	0.6	6.4	3.8	70	0.7	73.0	4.1	0.4	0.4	NNE	3.0	4.5	2.7	2.5	4.0	5.4	6.0	6.5	6.5		10	☉	
9	6.4	10.5	3.5	7.0	7.0	73	7.5	311.6	—	2.7	2.7	NNE	2.3	4.3	4.5	4.0	4.6	5.4	6.0	6.9	6.9		4	☉	
10	9.8	10.5	2.2	8.3	6.4	78	0.0	41.7	14.7	0.3	0.3	SSE	2.7	7.4	6.1	5.2	5.5	6.1	6.8	7.0	7.0		10	☉	
10 days av.	4.8	8.4	1.2	7.2	4.8	77	Σ23.7	Σ1,404.4	Σ61.0	Σ13.2	Σ13.2			2.8	3.7	3.3	3.2	4.3	5.4	6.2	6.4	6.4			
11	8.7	9.5	4.2	5.3	6.9	77	0.0	67.2	0.0	0.5	0.5	×	×	6.2	6.0	5.5	5.5	6.4	6.8	7.0	7.0		10	☉	
12	6.8	15.0	1.1	13.9	8.1	63	7.9	313.9	—	2.7	2.7	SSE	×	0.5	1.1	2.1	4.0	5.5	6.6	7.0	7.0		0	☉	
13	8.2	13.5	2.7	10.8	8.1	68	4.1	206.5	—	2.1	2.1	NE	×	7.0	4.6	4.3	5.6	6.8	7.0	7.0	7.0		7	☉	
14	10.2	14.7	5.6	9.1	10.2	79	×	85.7	2.9	1.3	1.3	W	×	9.9	7.5	6.8	7.5	8.0	7.8	7.1	7.1		10	☉	
15	7.6	10.1	3.2	6.9	6.7	69	5.5	247.7	1.6	2.6	2.6	W	4.6	9.0	6.2	5.9	7.1	7.8	8.0	7.3	7.3		7	☉	
16	6.9	13.0	0.6	12.4	6.8	52	6.8	302.8	—	3.0	3.0	W	3.1	5.7	4.4	4.0	5.4	6.6	7.2	7.3	7.3		9	☉	
17	7.6	11.7	2.4	9.3	7.1	81	2.8	147.4	11.1	1.4	1.4	W	3.8	5.8	5.0	4.6	6.0	7.5	7.9	7.5	7.5		10	☉	
18	5.4	11.9	2.1	9.8	7.0	83	3.4	167.8	—	1.3	1.3	SW	3.4	10.0	5.7	5.1	6.0	7.0	7.5	7.8	7.5		8	☉	
19	9.7	10.6	3.8	6.8	7.2	57	2.4	147.6	—	1.5	1.5	×	×	7.2	6.0	5.6	6.5	7.1	7.8	7.5	7.5		10	☉	
20	9.4	18.5	0.5	18.0	9.5	59	9.3	325.8	1.5	4.6	4.6	×	×	7.0	3.0	2.8	4.6	6.5	7.5	7.6	7.6		1	☉	
10 days av.	8.1	12.9	2.6	10.2	7.8	69	Σ42.2	Σ2,012.4	Σ17.1	Σ21.0	Σ21.0			6.8	5.0	4.7	5.8	6.9	7.4	7.4	7.3	7.3			
21	13.8	21.0	9.0	12.0	15.0	81	2.1	142.6	3.6	1.8	1.8	ENE	4.0	12.7	10.6	9.3	8.9	8.9	8.1	7.9	7.9		10	☉	
22	11.4	11.0	9.2	1.8	10.1	75	0.2	121.6	19.7	1.2	1.2	ENE	×	12.0	11.0	10.2	10.4	10.4	9.4	8.0	8.0		10	☉	
23	16.3	17.5	8.7	8.8	13.1	80	0.0	39.9	12.5	0.4	0.4	×	2.4	13.5	12.1	10.6	10.1	10.3	9.8	8.8	8.8		10	☉	
24	8.2	9.1	8.0	1.1	8.6	92	0.0	69.8	2.9	1.2	1.2	NW	×	8.6	9.6	9.9	10.5	11.0	10.0	8.3	8.3		10	☉	
25	8.6	11.5	6.0	5.5	8.8	68	2.9	218.1	0.7	1.6	1.6	S	×	10.0	8.0	7.2	8.0	9.0	9.5	9.0	9.0		10	☉	
26	7.8	13.0	5.2	7.8	9.1	77	3.4	220.7	8.5	2.0	2.0	SW	×	10.8	8.0	7.6	8.5	9.4	9.1	8.9	8.9		10	☉	
27	4.6	13.4	3.0	10.4	8.2	67	1.2	207.3	13.4	0.4	0.4	W	×	5.7	6.0	6.5	8.0	9.4	9.3	8.9	8.9		10	☉	
28	0.8	5.1	-0.6	5.7	2.3	93	×	35.4	45.9	×	×	N	1.8	0.5	1.8	3.0	5.4	7.1	8.3	8.5	8.5	6	10	☉	
8 days av.	8.9	12.7	6.1	6.6	9.4	79	Σ 9.8	Σ1,055.4	Σ107.2	Σ 8.6	Σ 8.6			4.6	8.4	8.0	8.7	9.4	9.4	9.2	8.5	8.5			
Monthly av.	7.1	11.2	3.1	8.1	7.2	75	Σ75.7	Σ4,472.2	Σ185.3	Σ42.8	Σ42.8			6.4	5.3	5.1	6.1	7.1	7.1	7.1	7.3	7.3			

Monthly Meteorological Data

March (1979)

Date	Items		Temperature					H <sub>o</sub>	S	R	P	E	Wind		Soil Temperature (T <sub>s</sub> )						Snow	Nt	Weather
	T <sub>s</sub>	T <sub>w</sub>	T <sub>x</sub>	T <sub>n</sub>	T <sub>r</sub>	T <sub>m</sub>	d						v	0	5	10	20	30	50	100			
1	6.0	5.9	0.0	5.9	3.0	4.2	216.1	0.8	2.3	N	X	0.1	1.1	2.0	3.5	5.1	6.9	8.3	9	⊗			
2	4.2	7.1	2.1	5.0	4.6	4.0	232.0	0.7	2.7	N	4.5	2.3	1.8	1.6	2.8	4.1	5.8	8.0	7	⊙			
3	4.8	7.2	0.8	6.4	4.0	7.6	326.6	1.3	2.9	S	1.8	10.0	4.4	2.6	3.3	4.5	5.9	7.9	2	⊙			
4	5.0	8.4	-0.8	9.2	3.8	5.8	268.9	-	3.4	N	3.0	2.0	1.5	2.0	3.5	4.8	6.8	7.5	8	⊙			
5	6.7	11.1	0.4	10.7	5.8	53	303.8	-	3.1	S	2.0	7.6	4.5	3.1	4.1	5.5	6.2	7.0	10	⊙			
6	7.7	13.3	3.5	9.8	8.4	62	214.1	3.8	2.1	S	1.6	9.0	6.6	5.5	6.1	7.0	7.0	7.0	10	⊙			
7	6.8	12.7	1.0	11.7	6.9	76	286.1	-	2.4	S	1.9	8.8	5.7	4.5	5.5	6.7	7.3	X	10	⊙			
8	11.0	15.7	4.4	11.3	10.1	53	328.1	-	3.3	S	2.2	13.0	8.0	6.0	6.6	7.6	7.9	8.0	2	⊙			
9	9.6	13.0	3.8	9.2	8.4	65	248.7	2.5	2.9	SSW	2.2	11.5	8.3	6.9	7.6	8.6	8.5	8.0	10	⊙			
10	11.1	11.3	7.7	3.6	9.5	85	52.8	16.1	1.3	NE	4.2	11.0	10.3	9.4	9.5	9.5	8.5	8.0	10	●			
10 days av.	7.3	10.6	2.3	8.3	6.5	67	Σ54.7	Σ2,477.2	Σ25.2	Σ26.4	2.6	7.5	5.2	4.4	5.3	6.3	7.1	7.7					
11	6.0	7.2	5.2	2.0	6.2	69	204.0	-	2.5	X	5.6	6.4	5.4	5.9	7.4	8.6	8.5	8.6	10	⊙			
12	5.2	8.9	2.6	6.3	5.8	58	198.2	-	1.9	SSW	2.2	6.8	5.2	6.2	7.4	8.1	8.9	8.9	10	⊙			
13	7.2	9.6	3.0	6.6	6.3	74	176.9	0.9	1.4	NNE	2.1	9.5	7.5	6.3	7.0	7.9	8.0	9.0	10	●			
14	8.1	9.5	0.5	9.0	5.0	57	146.6	5.4	1.3	S	1.8	8.4	7.3	4.9	5.6	7.1	8.0	8.8	2	⊙			
15	7.8	11.0	4.2	6.8	7.6	77	185.0	-	1.2	N	3.0	7.9	7.0	6.0	6.5	7.3	7.8	8.7	10	⊙			
16	8.6	11.7	-0.2	11.9	5.8	58	405.2	2.2	5.1	S	2.5	11.5	6.0	4.0	5.3	7.0	7.9	8.5	4	⊙			
17	6.4	10.0	5.8	4.2	7.9	89	109.2	1.3	1.8	NNW	3.9	8.1	7.6	7.5	8.2	8.6	8.2	8.6	10	●			
18	6.4	9.8	5.0	4.8	7.4	60	216.4	-	2.3	S	3.5	5.6	5.7	5.6	6.8	7.9	8.2	8.9	10	●			
19	8.4	13.1	-0.9	14.0	6.1	51	371.0	-	3.9	S	2.1	13.1	6.6	4.0	5.5	7.2	8.1	8.9	1	⊙			
20	12.8	15.5	6.1	9.4	10.8	61	254.0	-	3.8	ENE	3.6	15.5	11.0	9.0	9.0	9.3	9.0	8.9	10	⊙			
10 days av.	7.7	10.6	3.1	7.5	6.9	65	Σ41.7	Σ2,266.5	Σ9.8	Σ25.2	3.0	9.3	7.0	5.8	6.8	7.8	8.2	8.8					
21	6.0	10.0	3.0	7.0	6.5	93	149.4	-	1.8	S	3.5	10.0	9.2	8.6	9.5	10.2	9.8	9.0	5	⊙			
22	10.9	14.5	0.6	13.9	7.6	45	3.3	128.9	-	0.8	SSW	2.7	13.6	7.2	5.1	6.5	8.3	9.0	10	⊙			
23	5.3	12.2	0.2	12.0	6.2	82	341.2	6.2	3.5	ENE	2.5	7.4	5.5	5.0	6.0	7.4	8.2	9.1	10	⊙			
24	10.2	11.0	4.8	6.2	7.9	95	57.4	17.6	2.6	W	3.7	9.6	9.5	9.0	9.1	9.3	9.0	9.0	10	●			
25	6.4	11.7	1.3	10.4	6.5	85	224.4	3.1	1.9	S	3.0	8.0	7.5	7.0	7.5	8.4	8.7	9.0	10	⊙			
26	10.2	14.5	3.2	11.3	8.9	55	260.6	1.4	3.4	S	2.5	12.0	8.5	6.6	7.3	8.6	9.1	9.2	10	⊙			
27	12.8	15.3	5.2	10.1	10.3	67	455.7	-	4.7	SSW	2.1	17.9	12.0	8.6	8.6	9.5	9.6	9.4	3	⊙			
28	14.8	19.7	2.4	17.3	11.1	42	438.0	-	5.6	S	2.6	19.4	11.5	7.8	8.6	10.3	10.2	9.4	0	⊙			
29	20.0	23.4	8.0	15.4	15.7	52	282.1	8.2	4.8	SSW	3.5	24.8	15.3	12.0	11.6	11.8	11.2	10.0	7	⊙			
30	19.1	24.9	13.6	11.3	19.3	82	129.2	0.7	4.3	W	7.1	18.8	17.0	15.4	14.1	13.9	12.1	10.0	10	⊙			
31	14.0	18.1	10.2	7.9	14.2	61	261.1	-	3.8	NE	X	14.0	13.3	11.5	13.1	13.5	12.9	10.9	9	⊙			
11 days av.	11.8	15.9	4.8	11.2	10.4	69	Σ55.4	Σ2,728.0	Σ37.2	Σ37.2	3.3	14.1	10.6	8.8	9.3	10.1	10.0	9.5					
Monthly av.	9.0	12.5	3.4	9.1	8.0	67	Σ151.8	Σ7,471.7	Σ72.2	Σ88.8	3.0	10.4	7.7	6.4	7.2	8.2	8.5	8.7					

# Monthly Meteorological Data

April (1979)

Date	Items		Temperature						H <sub>s</sub>	S	R	P	E	Wind		Soil Temperature (Ts)							Snow	Nt	Weather
	T <sub>a</sub>		T <sub>m</sub>		T <sub>n</sub>	T <sub>r</sub>	T <sub>m</sub>	v						d	0	5	10	20	30	50	100				
	T <sub>1</sub>	T <sub>2</sub>	T <sub>1</sub>	T <sub>2</sub>																					
1	13.2	18.5	4.3	14.2	11.4	98	1.1	193.4	7.6	2.0	×	18.2	13.0	10.7	11.4	12.7	12.2	11.0	10	○					
2	11.0	11.1	6.4	4.7	8.8	79	0.5	138.3	7.4	1.0	NW	17.9	12.5	10.4	10.5	11.5	12.0	11.0	10	○					
3	10.6	13.7	8.5	5.2	11.1	88	6.3	321.8	8.8	3.7	W	3.2	12.0	10.3	10.0	10.6	11.5	11.1	10	●					
4	10.2	11.8	4.6	7.2	8.2	63	9.3	415.3	—	4.2	ENE	2.6	16.0	12.6	10.0	10.3	11.5	11.0	7	○					
5	10.5	11.5	3.0	8.5	7.3	58	8.5	398.8	—	4.3	S	3.0	13.8	10.2	8.5	9.6	11.4	11.0	10	○					
6	11.8	19.2	3.2	16.0	11.2	69	10.7	414.8	—	5.1	ENE	2.7	20.2	13.4	9.5	10.0	11.5	12.0	0	○					
7	19.4	23.0	7.4	15.6	15.2	52	6.2	335.7	0.8	7.5	SSW	6.1	22.9	16.1	12.8	12.5	13.1	12.9	11.8	8	○				
8	20.2	21.8	11.3	10.5	16.6	66	2.5	63.7	4.0	1.8	W	×	17.0	16.2	15.4	15.2	15.0	14.5	3	○					
9	17.0	18.7	9.1	9.6	13.9	49	8.4	430.9	—	5.8	N	×	19.9	15.6	12.7	12.8	13.6	13.2	12.0	6	○				
10	15.4	20.0	6.4	13.6	13.2	48	10.7	475.9	—	6.4	NW	1.8	21.9	15.5	12.6	13.1	14.2	13.9	12.1	5	○				
<b>10 days av.</b>	<b>13.9</b>	<b>16.9</b>	<b>6.4</b>	<b>10.5</b>	<b>11.7</b>	<b>67</b>	<b>Σ64.2</b>	<b>Σ3,188.6</b>	<b>Σ28.6</b>	<b>Σ41.8</b>		<b>3.2</b>	<b>18.0</b>	<b>13.5</b>	<b>11.3</b>	<b>11.6</b>	<b>12.6</b>	<b>12.6</b>	<b>11.4</b>						
11	19.6	22.1	18.6	3.5	20.4	31	11.8	499.7	—	6.1	NE	2.4	30.0	18.5	13.8	13.6	14.9	14.3	12.3	1	○				
12	14.0	15.2	6.6	8.6	10.9	73	7.9	334.1	—	4.1	ENE	2.9	20.9	16.3	14.0	14.6	15.5	14.9	12.9	10	○				
13	11.4	24.5	2.1	22.4	13.3	53	8.7	393.5	1.3	6.6	SSE	3.7	23.9	14.5	11.0	12.0	13.7	14.1	12.9	0	○				
14	10.9	15.0	10.2	4.8	12.6	54	8.0	393.5	—	5.3	×	4.1	13.1	12.7	13.0	14.4	15.0	14.3	12.9	10	○				
15	15.3	16.5	4.6	11.9	10.6	39	10.9	470.4	—	6.0	×	2.4	24.5	15.5	12.0	12.7	14.3	14.2	13.0	8	○				
16	14.5	20.5	7.6	12.9	14.1	74	6.0	262.9	4.4	5.1	W	5.1	19.0	13.9	13.4	14.5	15.0	14.2	13.0	10	○				
17	10.2	13.4	6.5	6.9	10.0	54	7.2	319.7	—	4.5	NNE	4.0	11.0	9.9	9.9	11.5	13.0	8.5	13.0	10	○				
18	11.6	13.7	1.2	12.5	7.5	40	10.2	479.0	2.3	5.2	SSE	2.4	22.1	14.0	9.5	10.2	12.2	8.1	13.0	3	○				
19	10.0	18.2	6.2	12.0	12.2	87	0.0	106.2	6.0	0.0	S	2.6	12.1	11.6	11.6	12.7	13.5	13.1	12.9	10	●				
20	13.2	16.6	9.7	6.9	13.2	85	7.9	369.5	—	4.0	NNE	1.5	16.9	14.8	12.6	12.6	13.3	13.1	12.9	10	○				
<b>10 days av.</b>	<b>13.1</b>	<b>17.6</b>	<b>7.3</b>	<b>10.2</b>	<b>12.5</b>	<b>59</b>	<b>Σ78.6</b>	<b>Σ3,628.5</b>	<b>Σ14.0</b>	<b>Σ46.9</b>		<b>3.1</b>	<b>19.4</b>	<b>14.2</b>	<b>12.1</b>	<b>12.9</b>	<b>14.0</b>	<b>12.9</b>	<b>12.9</b>						
21	14.0	16.0	4.6	11.4	10.3	57	6.0	316.7	2.9	3.1	NNW	2.2	21.8	15.5	11.7	12.4	13.8	13.9	13.0	1	○				
22	12.3	19.6	2.2	17.4	10.9	46	12.0	520.9	—	6.6	SE	2.6	20.0	13.6	9.4	9.7	11.9	13.0	13.0	0	○				
23	20.0	26.7	8.0	18.7	17.4	46	11.9	460.3	—	9.9	SSE	5.6	25.6	18.5	14.0	13.5	14.1	13.9	13.0	4	○				
24	21.5	24.5	15.7	8.8	20.1	49	5.0	216.1	14.5	3.1	S	4.1	25.3	20.8	17.5	16.7	16.6	15.1	13.0	8	○				
25	14.0	14.9	11.8	3.1	13.4	92	0.0	106.2	0.2	1.3	NNE	2.1	17.1	16.3	15.5	16.0	16.3	15.3	13.2	10	●				
26	13.8	14.6	10.6	4.0	12.6	75	0.0	167.8	29.0	1.8	NE	1.7	16.6	15.3	14.0	14.4	15.0	15.0	13.8	10	○				
27	10.1	12.3	10.2	2.1	11.3	92	1.7	146.1	1.2	2.1	NW	3.8	10.9	12.0	12.5	13.5	14.3	14.0	13.3	10	●				
28	11.0	19.0	6.9	12.1	13.0	66	7.9	406.4	—	5.0	S	×	16.5	13.8	11.0	11.5	12.6	13.2	13.5	10	○				
29	19.0	22.4	9.0	13.4	15.7	51	4.9	270.2	18.3	6.0	S	2.9	24.5	18.0	14.0	13.5	14.3	14.0	13.5	7	○				
30	12.5	18.6	11.1	7.5	14.9	99	6.8	346.3	—	4.9	W	2.9	16.2	14.7	14.0	14.7	15.2	13.3	11.3	10	○				
<b>10 days av.</b>	<b>14.8</b>	<b>18.9</b>	<b>9.0</b>	<b>9.9</b>	<b>14.0</b>	<b>67</b>	<b>Σ56.2</b>	<b>Σ2,957.0</b>	<b>Σ66.1</b>	<b>Σ43.8</b>		<b>3.1</b>	<b>19.5</b>	<b>15.9</b>	<b>13.4</b>	<b>13.6</b>	<b>14.4</b>	<b>14.1</b>	<b>13.1</b>						
<b>Monthly av.</b>	<b>13.9</b>	<b>17.8</b>	<b>7.6</b>	<b>10.2</b>	<b>12.7</b>	<b>64</b>	<b>Σ199.0</b>	<b>Σ9,774.1</b>	<b>Σ108.7</b>	<b>Σ192.5</b>		<b>3.1</b>	<b>18.9</b>	<b>14.5</b>	<b>12.2</b>	<b>12.7</b>	<b>13.7</b>	<b>13.2</b>	<b>12.4</b>						

### Monthly Meteorological Data

May (1979)

Date	Items		Temperature (Ts)					H <sub>s</sub>	S	R	P	E	Wind		Soil Temperature (Ts)							Snow	Nt	Weather
	T <sub>s</sub>	T <sub>x</sub>	Temperature			v	d						0	5	10	20	30	50	100					
			T <sub>s</sub>	T <sub>r</sub>	T <sub>m</sub>																			
1	16.6	18.2	13.9	4.3	16.1	3.5	316.9	—	—	—	3.5	26.0	19.4	14.6	14.6	15.5	15.1	13.9	9	☉				
2	14.0	20.0	8.4	11.6	14.2	5.5	419.6	—	—	—	5.5	16.5	14.9	13.5	14.1	15.1	15.0	13.9	10	☉				
3	18.4	20.4	5.8	14.6	13.1	7.0	506.8	—	—	—	7.0	31.0	19.8	14.5	14.4	15.5	16.0	14.0	1	☉				
4	19.1	23.2	8.3	14.9	15.8	7.1	449.6	—	—	—	7.1	28.0	18.3	15.1	15.4	16.5	15.5	14.0	6	☉				
5	21.9	23.2	5.7	17.5	14.5	12.2	522.4	—	—	—	8.8	34.1	21.6	17.5	16.7	17.4	16.7	14.5	3	☉				
6	22.2	26.5	10.8	15.7	18.7	11.3	455.0	—	—	—	10.5	4.3	30.5	21.6	18.5	18.3	18.6	17.4	9	☉				
7	18.0	24.5	16.4	8.1	20.5	7.1	96.8	36.7	—	—	2.7	20.2	19.8	19.2	19.5	19.5	18.0	15.2	10	☉				
8	17.0	18.0	13.7	4.3	15.9	0.0	141.8	3.9	—	—	1.1	2.4	20.0	17.7	16.3	16.5	17.0	16.9	15.3	10	☉			
9	15.7	21.2	12.6	8.6	16.9	9.8	417.0	—	—	—	5.6	1.8	23.7	20.4	16.7	15.9	16.4	16.2	15.4	8	☉			
10	21.4	22.6	10.6	12.0	16.6	10.6	471.6	—	—	—	6.8	2.2	30.1	22.6	17.4	16.6	17.5	17.0	15.5	5	☉			
<b>10 days av.</b>	<b>18.4</b>	<b>21.8</b>	<b>10.6</b>	<b>11.2</b>	<b>16.2</b>	<b>59</b>	<b>Σ3,797.5</b>	<b>Σ40.6</b>	<b>Σ58.6</b>	<b>2.7</b>	<b>26.0</b>	<b>19.6</b>	<b>16.3</b>	<b>16.2</b>	<b>16.9</b>	<b>16.4</b>	<b>14.7</b>							
11	20.9	22.7	10.7	12.0	16.7	54	470.9	0.2	7.4	NW	7.4	32.2	22.6	18.0	17.6	18.4	17.9	15.5	1	☉				
12	15.8	18.9	11.5	7.4	15.2	55	432.2	—	5.9	S	5.9	28.5	20.8	18.3	18.6	19.3	18.2	15.9	6	☉				
13	16.7	22.3	6.3	16.0	14.3	42	319.0	25.7	5.6	NE	5.6	25.0	17.6	15.5	16.4	18.0	18.0	16.0	10	☉				
14	14.0	15.0	12.9	2.1	14.0	96	82.9	31.1	1.0	NW	1.0	15.0	15.5	16.0	17.1	18.0	17.8	16.0	10	☉				
15	13.7	15.2	12.4	2.8	13.8	80	127.6	—	1.3	W	1.3	14.4	14.0	13.9	15.0	15.9	16.1	16.0	10	☉				
16	15.6	18.3	10.8	7.5	14.6	73	353.1	6.0	4.2	NE	4.2	19.5	16.5	14.3	14.5	15.2	15.5	16.0	10	☉				
17	15.4	17.9	11.8	6.1	14.9	73	297.2	—	3.8	SE	3.8	19.5	18.6	16.6	16.5	16.7	17.0	16.0	10	☉				
18	18.2	21.2	7.4	13.8	14.3	56	413.0	—	5.4	SSE	5.4	27.0	20.2	15.0	14.6	15.9	17.0	15.9	2	☉				
19	20.7	21.7	9.8	11.9	15.8	49	502.5	—	6.8	SSE	6.8	32.2	22.8	17.5	16.3	17.0	17.0	16.0	1	☉				
20	20.1	24.0	6.1	17.9	15.1	58	512.6	—	7.1	SSE	7.1	35.0	23.0	18.5	18.0	18.7	17.1	15.6	1	☉				
<b>10 days av.</b>	<b>17.1</b>	<b>19.7</b>	<b>10.0</b>	<b>9.8</b>	<b>14.9</b>	<b>64</b>	<b>Σ3,511.0</b>	<b>Σ63.0</b>	<b>Σ48.5</b>	<b>2.8</b>	<b>24.8</b>	<b>19.2</b>	<b>16.4</b>	<b>16.5</b>	<b>17.3</b>	<b>17.2</b>	<b>15.9</b>							
21	24.2	25.9	12.0	13.9	19.0	41	524.5	—	8.7	X	8.7	37.5	24.4	19.5	19.0	19.5	19.0	17.0	0	☉				
22	26.0	27.5	12.8	14.7	20.2	35	533.6	—	8.7	S	8.7	40.0	25.0	20.6	19.8	20.4	19.8	17.0	0	☉				
23	23.2	25.0	10.4	14.6	17.7	46	530.8	—	8.6	NNE	8.6	37.8	24.0	20.2	20.0	20.8	20.2	17.2	0	☉				
24	22.4	26.0	13.6	12.4	19.8	59	453.7	—	7.8	N	7.8	37.8	25.0	21.5	21.0	21.4	21.0	18.0	4	☉				
25	21.1	24.0	12.0	12.0	18.0	53	480.5	—	8.9	S	8.9	36.5	24.2	21.0	20.9	21.5	20.3	17.3	7	☉				
26	19.9	20.5	17.9	2.6	19.2	65	116.0	36.4	6.6	SSE	6.6	25.0	20.3	21.6	22.0	22.1	20.9	17.9	10	☉				
27	16.3	22.5	12.0	10.5	17.3	76	285.9	—	2.9	W	2.9	20.6	20.0	16.9	17.2	18.5	19.0	17.9	10	☉				
28	22.6	25.7	11.4	14.3	18.6	54	471.1	—	7.4	SSE	7.4	29.6	23.0	18.0	17.3	18.4	18.8	17.9	3	☉				
29	24.8	29.9	13.7	16.2	21.8	49	468.9	—	7.5	NE	7.5	29.4	24.1	20.5	20.0	20.5	19.5	17.8	10	☉				
30	19.7	21.0	12.6	8.4	16.8	68	519.4	—	7.8	NE	7.8	33.0	25.4	21.6	21.1	21.6	20.5	18.0	7	☉				
31	17.1	22.8	17.8	5.0	20.3	60	516.9	—	6.9	SSE	6.9	31.9	22.6	18.9	19.2	20.6	20.1	18.0	1	☉				
<b>11 days av.</b>	<b>21.6</b>	<b>24.6</b>	<b>13.3</b>	<b>11.3</b>	<b>19.0</b>	<b>55</b>	<b>Σ112.8</b>	<b>Σ4,901.3</b>	<b>Σ81.8</b>	<b>2.4</b>	<b>32.6</b>	<b>23.6</b>	<b>20.0</b>	<b>19.8</b>	<b>20.5</b>	<b>19.9</b>	<b>17.6</b>							
<b>Monthly av.</b>	<b>19.1</b>	<b>22.1</b>	<b>11.4</b>	<b>10.8</b>	<b>16.8</b>	<b>59</b>	<b>Σ266.5</b>	<b>Σ12,209.8</b>	<b>Σ140.0</b>	<b>Σ188.9</b>	<b>2.7</b>	<b>28.0</b>	<b>20.9</b>	<b>17.7</b>	<b>20.8</b>	<b>18.3</b>	<b>17.9</b>	<b>16.1</b>						

# Monthly Meteorological Data

June (1979)

Date	Temperature					H <sub>g</sub>	S	R	P	E	Wind		Soil Temperature (T <sub>s</sub> )							Snow	Nt	Weather
	Items		Temperature								d	v	Soil Temperature (T <sub>s</sub> )									
	T <sub>g</sub>	T <sub>x</sub>	T <sub>n</sub>	T <sub>r</sub>	T <sub>m</sub>								5	10	20	30	50	100				
1	23.2	25.9	10.3	15.6	18.1	46	9.5	415.5	—	8.4	SE	1.8	32.0	23.4	20.1	20.0	20.7	20.1	18.0	8	☉	
2	25.0	30.5	19.2	11.3	24.9	54	8.8	431.9	—	8.7	S	3.3	36.7	26.2	22.7	22.0	22.0	20.9	18.2	3	☉	
3	25.2	28.0	18.8	9.2	23.4	51	7.9	387.5	—	6.2	SSE	2.8	37.0	26.8	23.6	23.1	23.0	21.8	18.8	8	☉	
4	25.0	26.4	17.2	9.2	21.8	55	12.6	508.5	—	9.7	SSE	3.0	40.4	27.5	23.7	23.0	23.1	21.9	18.9	2	☉	
5	25.5	28.8	17.8	11.0	23.3	52	12.3	523.2	—	8.0	S	3.3	39.0	27.6	23.8	23.4	23.6	22.2	19.0	2	☉	
6	23.1	27.2	17.8	9.4	22.5	63	1.7	256.0	12.1	4.4	S	3.5	28.5	25.0	23.7	24.2	24.3	22.1	19.3	10	☉	
7	22.4	24.0	18.6	5.4	21.3	80	0.1	105.9	14.6	2.4	SSE	2.1	24.1	23.5	22.1	22.5	23.0	22.0	19.3	10	☉	
8	22.0	24.5	19.4	5.1	22.0	83	2.9	246.7	—	3.2	SSE	1.3	25.5	24.3	22.1	21.5	21.7	21.1	19.4	9	☉	
9	23.6	27.5	17.6	9.9	22.6	64	11.8	516.1	—	8.4	SSE	2.1	34.1	28.1	23.2	21.6	21.9	21.1	19.2	5	☉	
10	27.6	29.5	18.3	11.2	23.9	60	10.0	364.7	13.7	6.2	N	2.0	36.0	27.4	24.5	23.7	24.0	22.5	19.5	7	☉	
10 days av.	<b>24.3</b>	<b>27.2</b>	<b>17.5</b>	<b>9.7</b>	<b>22.4</b>	<b>61</b>	<b>Σ77.6</b>	<b>Σ3,756.0</b>	<b>Σ40.4</b>	<b>Σ65.6</b>		<b>2.5</b>	<b>33.3</b>	<b>26.0</b>	<b>23.0</b>	<b>22.5</b>	<b>22.7</b>	<b>21.6</b>	<b>18.9</b>			
11	18.8	23.4	17.4	6.0	20.4	87	3.8	237.6	0.3	3.6	NNE	1.5	21.4	21.3	22.0	23.1	23.9	22.8	19.8	10	☉	
12	23.1	25.2	17.4	7.8	21.3	68	9.4	399.6	—	6.2	SSE	1.9	26.5	24.0	22.0	22.0	22.4	21.9	19.9	10	☉	
13	22.2	24.6	16.8	7.8	20.7	79	4.8	357.9	—	5.2	NE	1.8	32.3	27.0	23.5	23.2	23.5	22.5	19.9	8	☉	
14	23.4	26.4	18.0	8.4	22.2	75	9.6	391.5	—	6.9	NNE	1.2	33.5	26.4	23.8	23.3	23.5	22.8	20.0	5	☉	
15	26.6	30.3	20.2	10.1	25.3	62	3.4	301.1	3.0	5.1	SSE	4.2	32.9	27.6	24.9	24.5	24.4	23.1	20.1	10	☉	
16	25.2	27.6	20.2	7.4	23.9	74	0.1	211.8	—	5.0	S	5.5	25.5	24.4	23.3	23.5	23.8	22.9	20.2	10	☉	
17	27.2	32.0	23.5	8.5	27.8	69	3.9	302.5	—	8.0	SSE	4.6	29.6	27.2	24.3	23.3	23.3	22.7	20.5	9	☉	
18	29.4	32.1	23.3	8.8	27.7	54	5.7	332.9	1.9	5.7	S	2.9	41.5	31.3	26.9	25.4	25.0	23.5	20.9	5	☉	
19	26.9	31.6	21.6	10.0	26.6	70	4.7	297.0	4.9	5.8	SSE	2.1	32.1	29.0	25.7	25.4	25.3	24.0	20.9	6	☉	
20	28.2	31.0	21.8	9.2	26.4	64	1.3	253.8	5.9	6.4	S	5.5	28.9	26.6	24.5	24.5	24.8	23.9	21.0	8	☉	
10 days av.	<b>25.1</b>	<b>28.4</b>	<b>20.0</b>	<b>8.4</b>	<b>24.2</b>	<b>70</b>	<b>Σ46.7</b>	<b>Σ3,085.6</b>	<b>Σ16.0</b>	<b>Σ57.9</b>		<b>3.1</b>	<b>30.4</b>	<b>26.5</b>	<b>24.1</b>	<b>23.8</b>	<b>24.0</b>	<b>23.0</b>	<b>20.3</b>			
21	24.3	29.4	21.3	8.1	25.4	87	3.4	299.8	—	4.8	SSE	1.2	28.5	27.3	25.2	24.5	24.5	23.5	21.0	10	☉	
22	29.0	33.1	21.6	11.5	27.4	62	9.0	396.8	1.3	7.8	SSE	3.8	31.7	29.4	26.0	24.6	24.5	23.8	21.0	8	☉	
23	24.8	28.5	22.3	6.2	25.4	87	2.6	247.4	1.2	3.5	SSE	1.1	27.4	26.7	25.6	25.8	25.8	24.2	21.1	10	☉	
24	27.4	30.2	20.5	9.7	25.4	66	12.1	479.0	—	7.5	SSE	1.7	35.2	30.0	25.8	24.5	24.7	24.0	21.4	9	☉	
25	26.0	32.3	21.8	10.5	27.1	77	0.8	213.1	—	6.0	SSE	2.4	28.9	27.0	26.1	26.6	26.7	25.1	21.5	10	☉	
26	27.1	30.0	24.2	5.8	27.1	82	0.6	184.8	28.0	5.0	S	4.5	30.5	28.6	27.2	26.8	26.6	25.0	21.9	10	☉	
27	22.6	26.6	20.8	6.3	23.7	93	0.0	101.1	20.8	2.1	SE	3.6	23.5	24.3	24.3	24.6	25.1	24.3	21.9	10	☉	
28	26.2	29.0	20.1	8.9	24.6	75	×	206.5	26.9	3.5	SE	2.5	27.4	25.4	23.6	23.5	23.9	23.5	22.0	10	☉	
29	21.8	24.0	21.2	2.8	22.6	96	0.0	93.5	5.8	0.7	NNE	0.9	22.5	22.7	23.0	23.6	24.2	23.5	22.0	10	☉	
30	22.2	28.2	21.3	6.9	24.8	92	1.6	141.8	17.7	1.7	NE	1.0	24.4	23.6	23.1	23.1	23.5	23.0	22.0	10	☉	
10 days av.	<b>25.1</b>	<b>29.1</b>	<b>21.5</b>	<b>7.7</b>	<b>25.4</b>	<b>81</b>	<b>Σ30.1</b>	<b>Σ2,363.8</b>	<b>Σ101.7</b>	<b>Σ42.6</b>		<b>2.3</b>	<b>28.1</b>	<b>26.5</b>	<b>25.0</b>	<b>24.8</b>	<b>25.0</b>	<b>24.0</b>	<b>19.4</b>			
Monthly av.	<b>24.8</b>	<b>28.3</b>	<b>19.7</b>	<b>8.6</b>	<b>24.0</b>	<b>71</b>	<b>Σ154.4</b>	<b>Σ9,205.4</b>	<b>Σ168.1</b>	<b>Σ166.1</b>		<b>2.6</b>	<b>30.6</b>	<b>26.3</b>	<b>24.0</b>	<b>23.7</b>	<b>23.9</b>	<b>22.9</b>	<b>19.5</b>			





# Monthly Meteorological Data

August (1979)

Date	Temperature				H <sub>s</sub>	S	R	P	E	Wind		Soil Temperature (T <sub>s</sub> )							Snow	Nt	Weather
	T <sub>g</sub>		T <sub>m</sub>							d	v	0	5	10	20	30	50	100			
	T <sub>s</sub>	T <sub>x</sub>	T <sub>n</sub>	T <sub>m</sub>																	
1	34.0	36.7	24.8	11.9	30.8	10.6	408.2	—	8.4	SSE	2.0	49.1	35.6	31.0	31.1	30.9	29.0	25.0	6	①	
2	32.3	34.9	23.3	11.6	29.1	11.0	445.1	0.9	8.6	W	1.9	50.5	35.6	30.6	30.7	30.7	29.1	25.2	3	①	
3	25.6	32.4	24.0	8.4	28.2	4.2	320.7	1.6	4.3	SSE	1.7	28.6	29.6	30.0	30.6	30.7	29.0	25.2	10	●	
4	30.2	34.2	24.0	10.2	29.1	5.2	344.8	—	7.7	SSE	1.9	43.8	32.9	29.4	29.6	29.9	28.5	25.5	9	○	
5	31.4	37.0	25.0	12.0	31.0	58	395.3	1.3	8.3	W	2.6	46.5	34.2	29.6	30.0	30.0	29.0	26.0	3	①	
6	30.2	33.6	24.4	9.2	29.0	72	258.3	27.0	8.1	SSE	1.6	33.9	32.4	30.1	30.5	30.4	29.0	25.0	8	○	
7	25.0	26.7	22.0	4.7	24.4	89	124.1	—	2.0	SSE	1.6	28.1	28.3	27.0	27.5	28.4	28.0	25.0	10	○	
8	25.4	29.4	19.6	9.8	24.5	77	482.0	—	8.9	NE	2.2	34.6	29.5	26.6	25.0	26.1	26.2	25.3	9	○	
9	28.4	31.0	20.0	11.0	25.5	72	452.7	—	8.0	NNE	1.5	41.0	33.2	27.0	26.7	27.5	27.0	25.1	2	○	
10	29.4	31.9	22.3	9.6	27.1	70	483.0	—	9.0	S	1.6	43.6	32.9	28.9	28.4	28.7	27.8	25.0	0	○	
10 days av.	<b>29.2</b>	<b>32.8</b>	<b>23.0</b>	<b>9.8</b>	<b>27.9</b>	<b>70</b>	<b>Σ3,714.2</b>	<b>Σ30.8</b>	<b>Σ73.3</b>		<b>2.0</b>	<b>40.0</b>	<b>32.4</b>	<b>29.0</b>	<b>29.0</b>	<b>29.3</b>	<b>28.3</b>	<b>25.3</b>			
11	30.4	32.0	20.5	11.5	26.3	58	464.0	—	8.6	S	1.9	44.1	32.0	28.4	28.4	29.0	28.0	25.0	10	○	
12	29.3	32.0	22.2	9.8	27.1	69	473.1	—	8.3	NE	2.2	43.3	32.3	29.4	29.1	29.5	28.3	25.1	7	①	
13	28.6	31.9	23.3	8.6	27.6	74	410.5	—	7.8	NE	2.0	43.5	32.1	29.6	29.7	29.9	28.9	25.8	8	○	
14	30.0	32.5	22.8	9.7	27.7	91	431.2	—	8.2	NNE	1.8	46.8	33.2	30.2	29.8	30.0	29.0	26.0	8	○	
15	29.2	31.5	23.0	8.5	27.3	78	378.6	—	6.8	NNE	1.9	43.5	32.2	29.7	30.0	30.2	29.0	26.0	8	○	
16	29.8	36.6	24.4	12.2	30.5	68	352.8	—	10.7	S	2.8	38.5	31.5	29.7	30.0	30.2	29.2	26.2	10	○	
17	32.4	35.8	27.5	8.3	31.7	60	413.0	—	12.9	S	5.9	48.4	35.2	30.9	30.6	30.6	29.2	26.2	2	○	
18	33.4	37.3	29.3	8.0	33.3	51	411.7	—	10.9	W	4.2	49.5	36.6	31.6	31.5	31.1	29.2	26.2	4	①	
19	30.0	32.0	20.4	11.6	26.2	61	414.0	0.6	7.7	NW	1.8	47.0	33.5	29.7	30.3	30.7	29.0	26.2	1	○	
20	28.1	31.5	22.4	9.1	27.0	73	419.6	2.4	7.8	NE	2.4	41.1	33.5	29.4	29.6	30.1	29.0	26.3	5	①	
10 days av.	<b>30.1</b>	<b>33.3</b>	<b>23.6</b>	<b>9.7</b>	<b>28.5</b>	<b>68</b>	<b>Σ5,168.5</b>	<b>Σ3.0</b>	<b>Σ89.7</b>		<b>2.7</b>	<b>44.6</b>	<b>33.2</b>	<b>29.9</b>	<b>29.9</b>	<b>30.1</b>	<b>28.9</b>	<b>25.9</b>			
21	28.5	30.8	24.4	6.4	27.6	87	101.9	22.5	2.0	SSE	0.9	30.8	31.0	29.7	30.0	30.2	29.0	26.5	10	○	
22	29.6	31.9	24.8	7.1	28.4	78	358.1	—	5.8	SSE	2.3	35.1	32.2	28.5	27.7	28.0	28.0	26.5	7	①	
23	29.6	32.5	24.8	7.7	28.7	78	320.0	0.8	4.1	SSE	1.7	36.9	32.0	29.1	28.6	28.8	28.2	26.2	6	①	
24	28.6	30.4	24.6	5.8	27.5	76	217.4	6.6	3.6	SSE	1.7	32.3	30.2	28.7	28.9	29.3	28.2	26.0	8	○	
25	26.2	29.1	23.2	5.9	26.2	81	134.0	1.5	1.9	S	1.6	27.9	27.3	26.5	27.0	27.7	27.3	26.0	10	○	
26	25.6	30.5	24.8	5.7	27.7	85	141.5	0.6	4.2	S	4.1	24.8	25.2	25.3	26.3	26.9	26.5	26.0	10	●	
27	28.7	29.0	25.6	3.4	27.3	70	73.8	18.8	0.8	W	4.2	25.9	26.1	25.8	26.2	26.5	26.0	25.0	10	○	
28	23.3	29.1	21.6	7.5	25.4	85	343.5	—	5.7	SSE	×	27.5	24.7	24.1	24.9	25.5	25.3	25.2	9	○	
29	24.4	27.5	16.6	10.9	22.1	65	291.9	—	5.8	NE	1.9	32.5	25.6	23.0	23.8	25.3	25.5	25.0	7	①	
30	25.3	26.8	18.2	8.6	22.5	73	205.7	—	3.7	NE	2.6	26.7	24.6	23.3	23.9	24.9	25.0	24.9	10	○	
31	24.8	28.5	18.8	9.7	23.7	72	354.9	—	5.6	NE	2.2	31.5	27.5	23.6	23.6	24.1	24.9	23.9	10	○	
11 days av.	<b>26.8</b>	<b>29.6</b>	<b>22.5</b>	<b>7.2</b>	<b>26.1</b>	<b>77</b>	<b>Σ38.0</b>	<b>Σ2,942.7</b>	<b>Σ43.2</b>		<b>2.3</b>	<b>30.2</b>	<b>27.9</b>	<b>26.1</b>	<b>26.4</b>	<b>27.0</b>	<b>26.7</b>	<b>25.6</b>			
Monthly av.	<b>28.6</b>	<b>31.8</b>	<b>23.0</b>	<b>5.6</b>	<b>27.4</b>	<b>72</b>	<b>Σ209.5</b>	<b>Σ84.6</b>	<b>Σ206.2</b>		<b>2.3</b>	<b>38.0</b>	<b>31.1</b>	<b>28.3</b>	<b>28.4</b>	<b>28.8</b>	<b>27.9</b>	<b>25.6</b>			

### Monthly Meteorological Data

September (1979)

Date	Items				Temperature (T)							H <sub>s</sub>	S	R	P	E	Wind						Soil Temperature (Ts)						Snow	Nt	Weather	
	T <sub>x</sub>		T <sub>n</sub>		T <sub>r</sub>		T <sub>m</sub>		d	v	0						5	10	20	30	50	100	0	5	10	20	30	50				100
	T <sup>9</sup>	T <sup>8</sup>	T <sup>4</sup>	T <sup>3</sup>	T <sup>2</sup>	T <sup>1</sup>	T <sup>6</sup>	T <sup>5</sup>																								
1	26.0	29.8	21.4	8.4	25.6	21.4	8.4	25.6	71	1.7	226.2	—	5.5	S	2.7	30.5	27.2	25.3	25.5	25.8	25.1	24.5	10	○								
2	28.2	34.4	24.2	10.2	29.3	34.2	10.2	29.3	92	8.5	364.5	13.7	6.6	S	3.4	41.8	31.0	27.0	26.0	26.5	26.0	25.0	2	○								
3	26.4	28.3	22.8	5.5	25.6	28.3	5.5	25.6	86	0.2	190.1	4.3	2.4	NE	1.1	29.5	27.9	26.4	26.5	26.8	26.0	24.6	9	○								
4	23.8	25.5	22.8	2.7	24.2	25.5	2.7	24.2	90	0.1	71.0	19.8	1.7	W	3.5	25.7	25.6	24.7	25.4	26.0	25.5	24.8	10	○								
5	25.7	28.6	21.4	7.2	25.0	28.6	7.2	25.0	72	11.1	448.9	—	6.6	SSE	×	29.9	27.5	23.7	23.4	24.3	25.3	24.9	6	○								
6	21.3	25.5	16.0	9.5	20.8	25.5	9.5	20.8	76	0.0	147.4	13.1	2.8	S	3.2	23.2	21.8	21.5	23.2	24.8	24.0	24.2	10	○								
7	23.9	27.4	20.4	7.0	23.9	27.4	7.0	23.9	86	3.5	246.4	—	4.2	WNW	3.6	23.9	24.0	23.2	23.5	24.0	24.0	24.2	10	●								
8	24.6	28.6	17.6	11.0	23.1	28.6	11.0	23.1	71	8.7	421.8	—	6.6	SSE	1.6	32.5	27.4	23.3	23.1	24.0	24.0	24.0	7	○								
9	24.8	28.6	18.2	10.4	23.4	28.6	10.4	23.4	62	9.3	419.6	—	7.1	S	1.8	32.3	26.3	23.4	24.2	25.2	24.7	24.0	3	○								
10	24.1	28.6	17.1	11.5	22.9	28.6	11.5	22.9	59	10.8	424.8	—	7.1	S	2.3	35.1	26.8	23.5	24.4	25.5	25.1	24.0	6	○								
<b>10 days av.</b>	<b>24.9</b>	<b>28.5</b>	<b>20.2</b>	<b>8.3</b>	<b>24.4</b>	<b>28.5</b>	<b>8.3</b>	<b>24.4</b>	<b>77</b>	<b>Σ53.9</b>	<b>Σ2,960.7</b>	<b>Σ50.9</b>	<b>Σ50.6</b>		<b>2.3</b>	<b>30.4</b>	<b>26.6</b>	<b>24.2</b>	<b>23.5</b>	<b>25.3</b>	<b>25.2</b>	<b>24.4</b>										
11	23.8	27.0	14.9	12.1	21.0	27.0	12.1	21.0	63	11.3	456.2	—	6.3	SSE	2.9	35.8	26.2	22.6	23.6	25.2	25.0	24.0	3	○								
12	23.0	27.9	13.8	14.1	20.9	27.9	14.1	20.9	61	10.5	419.3	—	6.9	NE	2.6	33.4	24.5	21.6	23.0	24.6	25.0	24.1	4	○								
13	26.8	28.6	19.0	9.6	23.8	28.6	9.6	23.8	65	3.2	180.7	—	4.6	S	3.3	33.5	27.4	24.7	24.9	25.4	24.9	24.0	9	○								
14	26.9	27.1	22.5	4.6	24.8	27.1	4.6	24.8	64	4.9	262.4	20.1	5.3	S	4.4	34.4	27.6	25.3	25.0	25.3	24.8	24.0	10	○								
15	21.9	24.2	21.4	2.8	22.8	24.2	2.8	22.8	96	0.0	95.5	1.0	0.8	SSE	0.8	23.0	23.6	23.8	24.8	25.4	25.0	24.0	10	●								
16	24.0	27.7	17.7	10.0	22.7	27.7	10.0	22.7	71	10.7	419.4	—	6.6	SSE	2.0	30.0	25.8	22.1	22.2	23.5	23.5	24.0	3	○								
17	22.6	27.6	17.1	10.5	22.4	27.6	10.5	22.4	67	1.6	213.3	—	4.1	S	1.8	27.9	25.5	22.7	23.1	24.3	24.0	23.9	10	○								
18	26.7	28.4	21.5	6.9	25.0	28.4	6.9	25.0	67	1.1	169.9	52.3	×	NE	2.9	31.6	26.7	24.3	24.0	24.4	23.9	23.8	9	○								
19	24.5	27.4	21.0	6.4	24.2	27.4	6.4	24.2	74	9.5	413.0	—	5.3	SSE	3.3	28.3	25.3	23.3	23.2	23.7	23.8	23.9	6	○								
20	21.8	27.6	13.4	14.2	20.5	27.6	14.2	20.5	56	10.3	440.8	—	6.6	SSE	2.5	29.4	23.5	20.0	21.2	23.1	23.4	23.3	2	○								
<b>10 days av.</b>	<b>24.2</b>	<b>27.4</b>	<b>16.0</b>	<b>9.1</b>	<b>22.8</b>	<b>27.4</b>	<b>9.1</b>	<b>22.8</b>	<b>68</b>	<b>Σ63.1</b>	<b>Σ3,070.5</b>	<b>Σ73.4</b>	<b>Σ46.5</b>		<b>2.7</b>	<b>30.7</b>	<b>25.6</b>	<b>23.0</b>	<b>23.5</b>	<b>24.5</b>	<b>24.3</b>	<b>23.9</b>										
21	28.6	33.4	16.0	17.4	24.7	33.4	17.4	24.7	58	10.0	385.4	—	8.4	S	2.8	36.5	27.0	22.1	22.1	23.5	24.0	23.8	0	○								
22	29.6	32.7	24.0	8.7	28.4	32.7	8.7	28.4	62	6.6	283.1	22.0	4.6	SSE	2.7	44.0	30.9	26.7	26.0	25.7	24.9	23.9	5	○								
23	19.5	21.8	19.4	2.4	20.6	21.8	2.4	20.6	91	0.0	79.9	2.5	1.0	ENE	3.8	20.6	21.7	22.6	24.2	25.2	24.6	23.5	10	●								
24	21.2	26.6	17.6	9.0	22.1	26.6	9.0	22.1	88	6.6	323.5	0.5	4.7	NE	1.8	25.5	23.7	22.5	21.5	22.6	23.0	23.7	9	○								
25	24.0	24.7	21.2	3.5	23.0	24.7	3.5	23.0	76	0.8	178.9	—	2.6	NE	3.0	30.5	26.1	23.6	23.8	24.3	23.8	23.3	10	○								
26	23.5	27.2	20.2	7.0	23.7	27.2	7.0	23.7	91	2.6	196.1	2.8	1.1	W	1.4	26.0	25.0	23.3	23.2	23.7	23.8	23.3	10	○								
27	19.7	23.4	18.4	5.0	20.9	23.4	5.0	20.9	89	3.1	198.4	2.9	0.9	W	1.9	20.9	20.1	21.5	22.6	23.6	23.3	23.1	10	○								
28	19.8	20.5	16.7	3.8	18.6	20.5	3.8	18.6	86	0.0	33.6	8.5	0.1	ENE	2.7	19.2	19.7	20.2	21.4	22.4	22.3	23.0	10	●								
29	20.0	23.5	18.6	4.9	21.1	23.5	4.9	21.1	95	0.2	113.0	1.2	1.4	NE	1.9	20.5	20.5	20.1	20.6	21.5	21.8	22.9	10	●								
30	23.4	25.6	19.7	5.9	22.7	25.6	5.9	22.7	82	1.2	129.4	84.0	×	NW	2.8	22.2	25.2	22.0	21.5	21.8	21.8	22.5	10	●								
<b>10 days av.</b>	<b>22.9</b>	<b>25.9</b>	<b>19.2</b>	<b>6.8</b>	<b>22.6</b>	<b>25.9</b>	<b>6.8</b>	<b>22.6</b>	<b>82</b>	<b>Σ31.1</b>	<b>Σ1,921.3</b>	<b>Σ124.4</b>	<b>Σ24.8</b>		<b>2.4</b>	<b>26.6</b>	<b>24.0</b>	<b>22.5</b>	<b>22.7</b>	<b>23.4</b>	<b>23.3</b>	<b>23.3</b>										
<b>Monthly av.</b>	<b>24.0</b>	<b>27.3</b>	<b>18.5</b>	<b>8.1</b>	<b>23.3</b>	<b>27.3</b>	<b>8.1</b>	<b>23.3</b>	<b>76</b>	<b>Σ148.1</b>	<b>Σ7,952.5</b>	<b>Σ248.7</b>	<b>Σ121.9</b>		<b>2.5</b>	<b>29.3</b>	<b>25.4</b>	<b>23.2</b>	<b>23.2</b>	<b>24.4</b>	<b>24.3</b>	<b>23.9</b>										

# Monthly Meteorological Data

October (1979)

Date	Temperature				H <sub>s</sub>	S	R	P	E	Wind		Soil Temperature (Ts)							Snow	Nt	Weather
	Items		Temperature							d	v	0	5	10	20	30	50	100			
	T <sub>s</sub>	T <sub>x</sub>	T <sub>n</sub>	T <sub>m</sub>																	
1	22.0	24.9	20.4	4.5	93	3.5	0.6	2.1	NNE	2.6	22.8	22.7	21.6	21.5	22.0	21.5	21.1	8	☉		
2	22.4	25.5	16.8	8.7	78	7.9	—	4.2	SSE	2.2	26.1	22.7	20.6	21.0	21.9	22.0	22.1	7	☉		
3	21.7	25.4	18.2	7.2	79	0.9	—	2.3	S	1.3	24.1	22.3	21.2	21.9	22.6	22.2	22.0	10	☉		
4	23.5	25.6	18.4	7.2	75	4.0	10.3	3.9	SSE	1.7	28.4	24.4	22.0	21.9	22.5	22.2	22.0	9	☉		
5	15.3	19.3	14.0	5.3	93	0.7	132.4	2.1	N	2.7	16.2	17.5	18.3	19.7	21.4	21.9	21.9	10	☉		
6	17.1	21.2	12.9	8.3	71	1.2	208.3	11.0	NNE	3.7	28.7	17.7	16.5	17.5	19.1	20.0	21.9	9	☉		
7	16.0	19.7	15.8	3.9	98	0.2	89.0	2.7	N	6.4	17.0	17.0	17.4	18.5	19.5	20.0	21.5	10	☉		
8	19.5	21.9	13.6	8.3	60	4.6	254.8	0.6	SSE	3.2	19.0	16.8	16.1	17.2	18.5	19.2	20.2	5	☉		
9	20.8	23.9	12.7	11.2	67	9.6	385.4	—	SSE	1.8	24.3	19.2	16.0	16.5	13.0	18.9	20.3	2	☉		
10	20.4	24.4	12.6	11.8	61	10.2	363.2	—	S	2.2	24.6	28.8	16.4	17.5	19.0	19.3	20.2	0	☉		
<b>10 days av.</b>	<b>19.9</b>	<b>23.2</b>	<b>15.5</b>	<b>7.6</b>	<b>78</b>	<b>Σ42.8</b>	<b>Σ2,401.2</b>	<b>Σ38.0</b>	<b>Σ35.3</b>	<b>2.8</b>	<b>23.1</b>	<b>20.9</b>	<b>18.6</b>	<b>19.3</b>	<b>20.0</b>	<b>20.7</b>	<b>21.3</b>				
11	20.6	26.0	13.7	12.3	70	9.7	352.1	3.0	4.8	W	1.9	25.0	24.5	17.6	18.5	19.7	19.8	20.2	1	☉	
12	18.2	24.3	12.8	11.5	77	8.7	329.8	5.5	3.8	S	2.0	21.5	18.5	17.6	19.0	20.3	20.0	20.1	8	☉	
13	15.0	×	×	×	94	8.2	276.0	1.3	×	S	×	16.4	17.0	17.2	18.5	19.9	20.0	20.1	10	☉	
14	×	×	×	×	×	×	305.6	—	×	S	×	×	×	×	×	×	×	×	×	×	
15	19.1	24.5	×	×	69	8.7	342.2	—	3.7	SSE	×	21.2	18.5	16.7	17.6	19.1	19.7	20.1	9	☉	
16	22.2	23.2	12.6	10.6	62	9.2	360.4	—	5.1	SSE	2.6	26.0	19.3	17.5	18.5	19.6	19.9	20.2	5	☉	
17	20.3	25.7	11.3	14.4	62	9.3	335.4	—	4.8	NE	2.0	23.0	16.6	16.0	17.5	19.4	19.5	20.1	0	☉	
18	19.9	21.0	17.4	3.6	83	0.0	56.9	172.0	×	NW	1.5	20.7	19.6	19.5	20.1	20.3	20.1	20.2	10	☉	
19	19.0	28.2	17.6	10.6	96	0.2	62.7	24.8	3.1	S	6.7	18.9	19.3	18.9	18.9	18.8	18.6	20.1	10	☉	
20	20.2	24.2	13.0	11.2	68	8.7	351.1	0.9	4.0	W	2.2	22.3	17.0	15.5	16.5	17.8	18.3	19.8	0	☉	
<b>10 days av.</b>	<b>19.4</b>	<b>24.6</b>	<b>14.1</b>	<b>10.6</b>	<b>76</b>	<b>Σ62.7</b>	<b>Σ2,772.2</b>	<b>Σ207.5</b>	<b>Σ29.3</b>	<b>2.7</b>	<b>21.7</b>	<b>18.9</b>	<b>17.4</b>	<b>18.3</b>	<b>19.4</b>	<b>19.5</b>	<b>20.1</b>				
21	16.4	20.6	10.0	10.6	83	2.4	184.5	25.5	2.1	S	3.1	16.0	15.5	15.4	16.7	18.2	18.9	19.5	9	☉	
22	13.0	19.1	11.0	8.1	90	5.4	235.8	—	1.9	S	1.6	15.9	16.0	14.8	15.5	16.7	17.5	18.3	10	☉	
23	16.0	21.1	8.2	12.9	64	9.6	343.5	—	3.9	S	2.2	19.0	12.7	11.7	13.8	16.0	17.2	19.0	0	☉	
24	19.5	24.8	8.8	16.0	63	8.2	326.8	—	4.1	S	2.2	22.5	14.4	12.4	13.9	15.9	17.0	18.9	5	☉	
25	18.7	25.5	11.6	13.9	65	8.1	301.6	—	3.9	S	2.1	21.8	15.5	14.1	15.4	16.9	17.2	18.3	7	☉	
26	20.0	26.0	13.2	12.8	63	8.2	303.3	—	3.8	S	2.1	21.8	16.2	15.4	16.6	17.9	17.9	18.5	0	☉	
27	17.8	24.0	13.6	10.4	76	7.7	251.0	—	2.7	S	1.6	19.6	17.0	16.1	17.2	18.4	18.1	18.8	10	☉	
28	18.6	23.6	12.2	11.4	71	6.8	260.3	—	2.7	S	1.6	21.0	16.0	15.1	16.5	18.0	18.9	19.0	7	☉	
29	16.6	23.4	12.6	10.8	92	6.6	228.7	—	3.0	S	1.5	18.5	16.5	15.5	16.8	18.1	18.9	19.1	8	☉	
30	16.6	24.4	10.3	14.1	68	6.6	244.9	0.2	2.3	S	×	19.0	14.2	14.1	15.9	17.6	17.9	18.8	6	☉	
31	16.5	25.5	10.3	15.2	67	7.7	275.2	—	4.4	W	2.5	17.4	13.8	13.6	15.5	17.2	17.8	17.9	10	☉	
<b>11 days av.</b>	<b>17.2</b>	<b>23.5</b>	<b>11.1</b>	<b>12.4</b>	<b>73</b>	<b>Σ77.3</b>	<b>Σ2,955.6</b>	<b>Σ25.7</b>	<b>Σ34.8</b>	<b>2.1</b>	<b>19.3</b>	<b>15.3</b>	<b>14.4</b>	<b>15.8</b>	<b>17.4</b>	<b>17.9</b>	<b>18.7</b>				
<b>Monthly av.</b>	<b>18.8</b>	<b>23.7</b>	<b>13.4</b>	<b>10.2</b>	<b>73</b>	<b>Σ182.8</b>	<b>Σ8,129.0</b>	<b>Σ271.2</b>	<b>Σ99.4</b>	<b>2.5</b>	<b>21.3</b>	<b>18.2</b>	<b>16.7</b>	<b>17.7</b>	<b>18.8</b>	<b>19.3</b>	<b>20.0</b>				

# Monthly Meteorological Data

November (1979)

Date	Items		Temperature							H <sub>s</sub>	S	R	P	E	Wind		Soil Temperature (T <sub>s</sub> )							Snow	Nt	Weather
	T <sub>e</sub>		T <sub>x</sub>	T <sub>n</sub>	T <sub>r</sub>	T <sub>m</sub>	d	v	0						5	10	20	30	50	100						
	T <sub>1</sub>	T <sub>2</sub>																								
1	17.8	22.8	11.2	11.6	17.0	8.8	257.6	—	4.1	SSE	2.3	22.0	15.4	15.2	16.7	18.0	17.9	18.5	0	○						
2	21.3	27.2	13.9	13.3	20.6	9.0	251.2	—	4.0	S	2.3	25.9	16.0	15.3	16.5	17.8	18.0	17.9	2	○						
3	18.2	23.5	12.0	11.5	17.8	7.4	230.3	—	3.5	S	1.8	22.5	16.7	15.6	16.8	17.0	18.0	18.7	7	○						
4	21.8	23.4	15.6	7.8	19.5	65	83.7	5.8	1.3	S	3.7	21.3	28.6	17.4	18.0	18.5	18.1	18.8	10	⊙						
5	20.6	22.6	17.8	4.8	20.2	86	58.9	2.8	1.7	W	×	20.8	19.5	18.4	18.4	18.6	18.2	18.8	10	⊙						
6	15.1	17.4	12.6	4.8	15.0	59	57.4	—	1.2	S	3.4	13.3	13.4	13.8	15.7	17.5	17.9	18.5	9	⊙						
7	14.7	19.6	8.3	11.3	14.0	65	219.1	—	2.8	S	1.9	15.8	10.8	10.6	15.0	15.2	16.8	18.3	1	○						
8	13.8	20.5	7.0	13.5	13.8	58	273.0	—	3.4	S	2.3	14.3	9.0	9.5	12.3	14.6	16.0	18.0	1	○						
9	13.0	23.4	6.5	16.9	15.0	58	230.3	18.2	2.6	×	1.4	18.4	9.5	9.7	12.2	14.5	15.9	18.0	7	○						
10	16.4	17.6	12.8	4.8	15.2	96	19.7	25.8	0.6	NE	1.1	16.6	16.5	15.9	16.0	16.4	16.1	17.9	10	●						
10 days av.	17.3	21.8	11.8	10.0	16.8	69	Σ1,691.2	Σ52.6	Σ25.2		2.2	15.5	15.5	14.1	15.8	16.8	17.3	16.5								
11	17.2	20.5	15.5	5.0	18.0	94	127.6	25.7	2.2	W	2.3	17.6	17.4	16.5	16.5	16.5	16.3	17.7	10	●						
12	14.2	14.5	12.6	1.9	13.6	65	52.3	6.4	1.4	WNW	4.2	13.0	13.7	14.5	15.8	16.6	16.3	17.1	10	⊙						
13	6.0	8.5	5.5	3.0	7.0	89	99.8	31.5	×	SW	3.9	7.5	8.1	9.5	11.6	13.7	15.1	17.0	10	●						
14	3.7	6.4	0.8	5.6	3.6	77	60.7	1.2	0.7	SW	3.3	0.5	1.8	3.6	6.6	9.7	12.3	17.0	10	⊗						
15	5.9	16.0	0.9	15.1	8.5	73	276.5	—	2.3	S	2.2	6.0	3.5	3.6	6.1	8.7	11.0	16.0	9	⊙						
16	8.1	16.6	3.5	13.1	10.1	66	129.4	—	1.3	SSE	2.0	18.0	6.8	6.0	7.6	9.6	11.2	15.3	10	⊙						
17	13.0	18.0	7.8	10.2	12.9	69	188.8	11.7	1.9	SSE	1.7	16.3	10.3	9.2	10.1	11.2	11.5	15.0	6	○						
18	12.2	13.9	10.8	3.1	12.4	87	51.6	5.3	1.7	×	4.1	12.0	11.9	11.5	12.0	12.5	13.0	15.0	10	●						
19	8.5	11.7	4.6	7.1	8.2	54	156.2	0.1	2.3	S	×	10.4	5.4	5.8	8.5	10.7	12.2	15.0	3	○						
20	6.9	12.4	3.5	8.9	8.0	65	94.8	0.1	0.3	S	1.9	6.9	6.3	6.6	8.2	10.1	11.2	14.5	10	⊙						
10 days av.	9.6	13.9	6.6	7.3	10.2	74	Σ1,237.7	Σ82.6	Σ14.1		2.8	10.8	8.5	8.7	10.3	11.9	13.0	16.0								
21	10.5	15.2	2.8	12.4	9.0	64	188.6	0.5	1.4	S	1.5	11.8	5.4	4.6	6.6	9.2	10.3	14.2	1	○						
22	12.8	17.7	8.5	9.2	13.1	85	79.4	43.4	×	NW	1.7	12.1	11.1	10.0	10.0	10.7	11.2	14.0	10	⊙						
23	8.6	9.3	8.4	0.9	8.9	91	39.4	14.0	0.1	S	3.2	9.0	9.5	9.7	11.0	11.8	11.9	13.5	10	●						
24	8.2	15.8	2.2	13.6	9.0	72	260.6	0.1	2.3	S	2.0	9.9	4.6	4.5	7.1	9.3	10.8	13.5	0	○						
25	7.7	12.6	4.8	7.8	8.7	79	87.2	1.0	1.0	S	1.7	7.9	6.9	6.6	8.1	9.6	10.8	13.2	10	⊙						
26	10.0	14.6	5.6	9.0	10.1	83	115.3	17.6	1.4	SSE	2.7	9.5	7.9	7.2	8.4	9.9	10.8	13.0	9	⊙						
27	11.0	16.5	6.5	10.0	11.5	77	155.2	—	2.0	SSE	2.0	13.5	9.5	8.0	9.2	10.3	10.9	13.0	9	⊙						
28	11.1	11.0	9.4	1.6	10.2	74	35.9	12.1	0.2	SSE	1.8	9.1	9.5	9.5	10.3	11.1	11.3	13.1	10	●						
29	9.6	12.7	8.7	4.0	10.7	71	138.0	0.2	2.2	WSW	3.5	8.9	9.0	9.0	10.0	11.0	11.2	13.1	10	⊙						
30	7.9	10.9	3.9	7.0	7.4	74	71.3	2.4	0.5	SSE	1.9	7.5	6.1	6.1	8.0	9.8	11.0	13.0	9	⊙						
10 days av.	9.7	13.6	6.1	7.6	9.9	77	Σ26.3	Σ1,170.9	Σ91.3	Σ11.1	2.2	9.9	8.0	7.5	8.9	10.3	11.0	13.4								
Monthly av.	12.2	16.4	8.1	8.3	12.3	73	Σ97.5	Σ4,089.8	Σ226.5	Σ50.4	2.4	12.1	10.7	10.1	11.6	13.0	13.8	15.3								

# Monthly Meteorological Data

December (1979)

Date	Items		Temperature							H <sub>9</sub>	S	R	P	E	Wind		Soil Temperature (T <sub>s</sub> )							Snow	Nt	Weather
	T <sub>9</sub>	T <sub>x</sub>	Temperature				T <sub>m</sub>	d	v						0	5	10	20	30	50	100					
			T <sub>h</sub>	T <sub>n</sub>	T <sub>r</sub>	T <sub>m</sub>																				
1	8.1	9.5	2.2	7.3	5.9	0.6	81.1	22.7	1.6	SW	2.6	9.0	6.0	5.0	6.7	8.7	10.2	13.0	10	○						
2	6.2	10.3	5.0	5.3	7.7	0.6	90.7	—	1.0	S	2.7	6.8	7.0	6.6	7.4	8.5	10.0	13.0	10	○						
3	8.2	13.5	5.3	8.2	9.4	4.4	193.9	—	2.0	S	1.8	8.4	7.3	6.6	7.8	9.0	9.9	12.2	9	○						
4	11.7	16.7	6.4	10.3	11.6	0.0	78.6	—	1.0	S	3.0	9.5	8.2	7.3	8.2	9.4	10.1	12.3	10	○						
5	16.7	18.6	11.2	7.4	14.9	1.8	108.9	4.8	1.9	S	2.6	16.2	12.3	10.5	10.4	10.5	10.8	12.3	6	⊙						
6	13.3	15.4	11.6	3.8	13.5	3.5	111.0	—	1.5	N	2.8	11.1	11.2	11.0	11.5	11.6	11.5	12.3	10	○						
7	10.4	16.7	5.8	10.9	11.3	6.5	202.2	—	1.8	S	1.8	10.6	8.0	7.7	9.5	10.8	11.2	12.9	5	⊙						
8	10.9	16.6	6.7	9.9	11.7	71	144.1	1.9	2.5	W	2.9	11.8	9.0	8.0	9.4	10.6	11.2	12.8	8	⊙						
9	9.4	16.5	6.2	10.3	11.4	3.7	162.3	1.9	2.8	X	2.6	10.8	8.7	8.4	9.6	11.0	11.3	12.6	7	⊙						
10	7.2	13.1	6.4	6.7	9.8	2.0	111.5	1.7	2.3	NW	5.6	9.0	7.9	8.3	9.6	10.7	11.2	12.9	9	○						
10 days av.	10.2	14.7	6.7	8.0	10.7	76	Σ1,284.3	Σ33.0	Σ18.4		2.8	10.3	8.6	7.9	9.0	10.1	10.7	12.6								
11	7.7	9.3	4.0	5.3	6.7	0.7	89.2	11.5	0.6	SSE	3.9	7.5	5.7	6.0	7.6	9.4	10.5	12.8	9	○						
12	6.1	11.8	3.4	8.4	7.6	85	236.8	—	2.2	S	1.9	8.6	6.4	5.6	6.7	8.5	9.9	12.5	9	○						
13	6.3	11.6	1.8	9.8	6.7	2.4	124.1	1.2	0.4	S	1.7	7.1	8.9	4.4	6.3	8.2	9.5	12.2	5	⊙						
14	7.7	14.0	4.3	9.7	9.2	65	137.5	—	1.2	SSE	2.0	8.1	6.8	6.0	7.0	8.3	9.3	12.0	8	○						
15	8.1	11.8	3.6	8.2	7.7	66	71.5	10.5	0.7	W	2.8	6.2	5.5	5.1	6.6	8.4	9.5	12.0	10	○						
16	6.5	11.4	4.7	6.7	8.1	93	91.0	5.4	0.4	S	1.6	7.8	6.5	6.2	7.2	8.5	9.0	11.7	9	○						
17	8.2	12.7	6.2	6.5	9.5	82	161.3	—	1.5	SSE	1.8	9.5	8.0	7.3	8.0	8.7	9.2	11.9	10	○						
18	8.6	15.2	2.7	12.5	9.0	61	242.4	—	2.0	S	2.2	7.7	3.4	3.6	6.0	8.1	9.2	11.5	0	○						
19	9.9	15.9	4.1	11.8	10.0	57	44.0	4.0	0.5	S	4.3	7.0	5.4	4.6	6.1	7.9	9.1	11.3	10	○						
20	12.5	17.7	7.7	10.0	12.7	66	218.9	—	2.4	S	2.4	11.9	7.7	7.5	8.8	9.5	9.5	11.2	1	○						
10 days av.	8.2	13.1	4.3	8.9	8.7	70	Σ1,416.7	Σ32.6	Σ11.9		2.5	8.1	6.4	5.6	7.0	8.6	9.5	11.9								
21	13.0	12.5	5.0	7.5	8.8	77	38.9	15.2	0.5	SSE	2.1	8.0	7.1	6.6	6.5	6.5	10.0	11.5	10	○						
22	12.2	15.5	8.4	7.1	12.0	77	182.2	0.4	1.4	WNW	3.2	15.5	11.5	10.2	10.1	10.2	10.1	11.6	7	⊙						
23	7.5	7.9	6.5	1.4	7.2	92	X	25.4	1.7	NW	2.5	8.0	8.0	8.0	8.2	9.5	10.2	10.4	11.5	10	○					
24	7.6	9.5	5.1	4.4	7.3	51	83.4	1.2	0.8	SSE	X	5.3	5.0	5.1	6.6	8.1	9.2	11.5	9	○						
25	4.2	6.5	1.0	5.5	3.8	90	134.7	1.0	1.8	SSE	3.6	4.0	3.6	3.5	5.0	6.7	8.5	11.2	10	●						
26	4.2	10.5	1.0	9.5	5.8	56	233.5	0.3	3.0	S	3.9	3.2	2.5	2.7	4.5	6.3	8.0	11.0	9	○						
27	7.4	11.9	3.7	8.2	7.8	65	149.4	—	2.0	W	3.8	5.9	5.6	5.5	6.2	7.3	8.2	10.9	10	○						
28	7.0	12.0	2.2	9.8	7.1	57	193.9	—	2.0	S	X	4.9	4.6	4.7	6.1	7.5	8.5	10.9	5	⊙						
29	6.2	14.4	1.1	13.3	7.8	55	157.2	—	1.7	S	X	8.5	4.2	4.3	5.6	7.2	8.3	10.5	10	○						
30	6.6	14.9	2.6	12.3	8.8	68	217.4	—	2.7	SSE	2.0	6.7	4.0	4.5	5.8	7.3	8.3	10.5	3	⊙						
31	10.3	11.5	4.2	7.3	7.9	42	24.5	11.4	X	NE	4.3	7.4	6.5	5.8	6.4	7.6	8.5	10.5	10	○						
11 days av.	7.8	11.6	3.7	7.8	7.7	66	Σ38.4	Σ1,415.1	Σ54.9	Σ17.6		3.2	7.0	5.7	5.6	6.6	8.0	8.9	11.1							
Monthly av.	8.7	13.1	4.8	8.2	9.0	71	Σ96.8	Σ4,116.1	Σ120.5	Σ47.9		2.8	8.5	6.9	6.3	7.5	8.8	9.7	11.8							