ANNUAL REPORT

OF THE

METEOROLOGICAL

AND THE

SEISMOLOGICAL OBSERVATIONS

MADE AT THE

INTERNATIONAL LATITUDE OBSERVATORY

OF MIZUSAWA

FOR

THE YEAR 1954.

LATITUDE 39° 8′ N., LONGITUDE 141° 8′ E.,

HEIGHT ABOVE MEAN SEA LEVEL 61 METERS.

PUBLISHED BY THE INTERNATIONAL LATITUDE OBSERVATORY

OF MIZUSAWA.

1955

ERRATA (1954)

Page	Date	Column	Error	Correction
	Back page of Introduction	Weather symbols	Soft hall	Soft hail
	〃	〃	Small hall	Small hail
	〃	〃	Lunnar Corona	Lunar Corona
	〃	〃	Strato-Comulus	Strato-cumulus
1			METEOROGICAL	METEOROLOGICAL
7	26 6h	AMOUNT OF CLOUD	0	3
7	6 22h (U)	FORMS OF CLOUD	sc	cs
7	8 A.M.	REMARKS	⊟, ✳,	⊟, ✳, ⊠
10	5 10h	DIRECTION AND VELOCITY (m.p.s.) OF THE WIND	0.8	7.8
21	10 A.M.	REMARKS	⊟, ⊔, ○, ○	⊟, ⊔, ○, ⌓
22		AIR TEMPERATURE	AIR TEMPERATURE °D	AIR TEMPERATURE °C
23	11 A.M.	REMARKS	⌓, ⌒, ●, ⊤, ⛢, ▼, ↙	⌓, ⌒ ●, ⊤, ⛢, △, ↙
25			METEORROGICAL	METEOROLOGICAL
25	27 P.M.	REMARKS	✳, ○, ↙, ⊟	✳, ○, ↙, ⊟, ⊠
27		Annual (Mean for 24h)	30	3.0
27		VELOCITY (m.p.s.) OF WIND	No. of Days with Cale	No. of Days with Gale
28		DIRECTION AND INTENSITY (m.p.s.)...	WITE	WITH
30		TOTAL SOLAR AND SKY.....	SURFCE	SURFACE
31			METEOROFOGICAL	METEOROLOGICAL
31	November	NUMBER OF DAYS WITH △	—	1
31	Annual	〃 〃	5	6
31	January	〃 〃 WITH Max. Temp <0°		8
31		GENERAL REMARKS Continuance of more than 5 Days.....	Scpt. 2	Sept. 2
32	June	Precipitation (Total) mm	39.8	39.3
〃	〃	〃 〃	62.3	62.6
33		SEISMOLOGICAL OBSERVATIONS Remarks	Untelt	Unfelt
33		Symbols and Notations	Sudden deginning	Sudden beginning
33		〃	The sige	The sign
34		No.	40	50
34	No. 1	Epicenter and Remarks	41.8°N, 142.4° [60]	41.8°N, 142.4°E [60]
35	No. 96 Mar.		2	3
35	No. 58	Epicenter and Remarks	30°, 143°E [S]	30°N, 143E [S]
36	No. 111	〃 〃	40.7°N, 143.4° [20]	40.7°N, 143.4°E [20]
37	No. 188	〃 〃	29N, 139 [450—500]	29N, 139E [450—500]
38	No. 225	Maximum Range of Motion	−4	−2
39	No. 297	S(EW)	00 55	e 00 55
39	No. 304	Epicenter and Remarks	33.7N, 141.3 [50]	33.7N, 141.3E [50]
39	No. 314	S(NS)	110 36	? 110 36

Introduction

This annual report gives the results of the meteorological and seismological observations made at the International Latitude Station of Mizusawa during 1954 which may serve to investigate the meteorological effect on the latitude observations. The majority of the meteorological instruments are situated in the observation field about 10 meters north of the zenith telescope room. In this field there are the motor-driven aspiration psychrometer, maximum and minimum thermometers, thermograph, hygrograph, pluviograph, Hellman's chionograph, rain gauges, evapolimeter, L-tube earth thermometers, Simon's earth thermometers, snow measuring plates and Robitzsch actinograph. The Fortin's mercurial barometer, three barographs, and anemograph are set in the seismograph room where is placed about 100 meters NNE of the zenith telescope room: The Robinson's anemometer, recording wind vane and Jordan's sunshine recorder are fixed on the roof of the observing tower above the seismograph room. Observations are made generally six times a day, that is, at 2^h, 6^h, 10^h, 14^h, 18^h and 22^h of J.S.T. (9^h east from Greenwich). This distribution of time of observation seems to be convenient for the purpose of discussing the meteorological effect on the latitude variation, since the latitude observations are made on the average between 22^h and 2^h. The followings are to be noted as regards the meteorological observations.

Air Pressure.—The barometric readings in the unit of millibars are corrected for the freezing point of water and standard gravity (980.616 dynes). The observed gravity at Mizusawa is 980.16 dynes. These corrected values are defined as the station pressure. Moreover those reduced to mean sea level (M.S.L. Pressure) are given in the next columns.

Air Temperature.—The dry-bulb thermometer of the motor-driven aspiration psychrometer is adopted as standard. The variability of daily mean air temperature is defined as follows.

$$V=\frac{\sum_{i=1}^{n}|t_i-t_{i-1}|}{n}$$

where | | denotes the absolute value, t_i the daily mean air temperature of i-th day and n the number of the days in a month.

Wind.—The wind velocity in this report means the ten minutes' mean velocity before the time of observation and then that multiplied by the constant C determined by the following formula. $\log C=0.341-0.2151\log(V+10)$, where V reprensents the wind velocity. This formula was derived experimentaly from the wind-tunnel at the Central Meteorological Observatory of Japan.

Relative Humidity and Vapour Pressure.—The motor-driven aspiration psychrometer is used. Sprung's psychrometric formula is applied to derive the vapor pressure (in mb).

Cloud.—The cloud forms are observed separately according to the high (H), middle (M) and low (L) clouds. They are denoted according to the International Classification. (Ten genera of cloud forms)

Duration of Sunshine.—It is recorded with Jordan's sunshine recorder and given in the unit of hour.

Total Solar and Sky Radiation on the Horizontal Surface.—It is measured by the Robitzsch actinograph and the instrumental constant K corresponding to 1 cm of displacement of the pen is 0.550 gr. cal/cm^2. min.

Amount of Evaporation.—It is observed with the evapolimeter with 20 cm diameter at 10^h once a day. The bracket represents the day with precipitation.

Earth Temperature.—The earth-surface thermometer, L-type thermometers of 0.05, 0.1, 0.2

and 0.3 meters depth and Simon's earth thermometers of 0.5, 1.0, 2.0, 3.0, 5.0 and 6.0 meters depth are employed.

Clear and Cloudy Days.—The cloud amount is less than 2 exclusive for the former and more than 8 inclusive for the latter.

Sunless Days.—It means the days not recorded on Jordan's sunshine recorder throughout whole day.

Horizontal Visibility.—Maximum visible distances are divided into the International Classification (0–9). The frequencies of each class in a month observed six times every day are given as for the four cardinal points.

The heights of the meteorological instruments are as follows:

Barometer.—63.7 m above mean sea level.

Air Temperature Thermometer.—1.3 m above the ground.

Anemometer.—16.5 m above the ground.

Anemoscope.—16.6 m above the groond.

Rain Gauge.—0.6 m above the ground.

On recording the meteorological phenomena, the following weather symbols are used:

●	Rain	⊓	Hoar frost	⋒	Zodiacal light
✳	Snow	⊓	Ice columns	☋	Red sky
❟	Drizzle	⊓	Air hoar	○	Clear
▲	Grain of ice	∧	Soft rime	◑	Fine (partly cloudy)
△	Granular snow	⩓	Hard rime	◍	High cloud overcast
↔	Ice needles	∂	Glaze	⊗	Middle cloud overcast
≡	Fog	⊠	Snow coverage	◎	Low cloud overcast
≡	Fog in the neighbourhood	⊠	Thunder and lightning	◴	Earthquake
⇄	Ice fog	⊠	Lightning	ww	Undulatus
=	Mist, damp haze	⊤	Thunder	ᗯ	Mammatus
∞	Haze	0	Pure air	⬭	Lenticularis
⋈	Haze in the neighbourhood	◑	Solar corona	Ci	Cirrus
▽	Showers	ψ	Lunnar corona	Cs	Cirro-stratus
⛆	Soft hall	⚌	Iridescence	Cc	Cirro-cumulus
△	Small hall	⊕	Solar halo	Ac	Alto-cumulus
▲	Hail	◡	Lunar halo	As	Alto-stratus
⚶	Dust storm	◡	Rainbow	Sc	Strato-comulus
⇈	Blowing snow	▨	Yellow sand	Ns	Nimbo-stratus
⇊	Drifting snow	⊟	Freezing	Cu	Cumulus
⇈	Snow storm	ε	Dust devil	Cb	Cumulo-nimbus
▬	Dew	⌋⌈	Land-spout	St	Stratus
◤	Gale	⩔	Aurora		

The seismological instruments in use are two Omori's horizontal seismographs.

Constants of two seismographs are given as follows:

	NS-Component	EW-Component
Proper Period	16 sec.	36 sec.
Dynamical magnification	100	20
Mass of Weight	45.0 kg	17.6 kg
Horizontal distance of the center of the cylinder from the pivot	20 cm	75 cm
Vertical distance between the points of support and suspension	104 cm	104 cm

The pulsatory oscillations are observed only with EW-Component seismograph. The observations and computations are worked out by Messers, S. Sato, I, Kumagai, K. Suzuki and Miss. M. Segawa under the superintendence of Mr. C. Sugawa.

Oct. 1955.

Dr. T. Ikeda.

Director of the International Latitude Observatory of Mizusawa.

METEOROGICAL OBSERVATIONS

JANUARY, 1954.

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	16.7	17.7	18.4	17.6	20.4	19.7	18.4	25.1	26.0	26.4	25.6	28.4	27.7	26.5	−11.7	−7.3	−0.8	1.9	0.9	1.3	−2.6
2	18.9	16.7	18.0	14.4	13.5	11.4	15.5	26.9	24.8	26.0	22.3	21.5	19.4	23.5	−0.3	−3.1	3.9	7.8	2.5	−1.1	1.6
3	9.5	11.5	13.3	12.3	14.3	13.5	12.4	17.6	19.4	21.3	20.2	22.3	21.6	20.4	−2.1	3.0	3.7	3.7	0.8	−1.5	1.3
4	14.4	13.0	13.1	11.1	11.1	11.5	12.4	22.6	21.0	21.2	19.0	19.3	19.7	20.5	−2.9	−2.9	−1.7	0.6	−3.0	−5.2	−2.5
5	11.1	10.7	10.1	5.7	5.0	1.7	7.4	19.4	19.0	18.1	13.7	12.8	9.6	15.4	−6.6	−6.5	−0.6	3.0	1.4	1.5	−1.3
6	1.5	3.7	7.4	6.3	8.6	9.1	6.1	9.2	11.5	15.3	14.3	16.6	17.1	14.0	2.9	1.4	2.9	2.0	−0.1	−0.3	1.5
7	9.7	9.2	9.7	8.6	11.5	13.9	10.4	17.7	17.3	17.9	16.4	19.5	22.0	18.5	−0.9	−4.1	−2.0	1.1	−1.9	−3.5	−1.9
8	16.2	17.7	18.7	17.5	17.6	16.2	17.3	24.3	26.0	26.9	25.5	25.6	24.3	25.4	−5.4	−6.5	−2.3	1.9	0.9	−2.7	−2.3
9	15.1	13.6	12.3	9.2	7.4	5.1	10.5	23.3	21.7	20.3	17.1	15.4	13.1	18.5	−4.1	−2.4	−0.7	2.2	1.1	0.9	−0.5
10	4.2	1.9	999.8	**992.8**	993.3	994.6	997.8	12.0	9.7	7.5	**0.6**	1.2	2.3	5.6	1.9	1.8	1.8	2.5	2.3	1.0	1.9
11	996.8	1.1	6.1	6.6	9.3	11.9	5.3	4.6	9.1	14.1	14.6	17.5	20.0	13.3	1.9	−0.8	−1.0	−1.6	−2.8	−4.3	−1.4
12	12.7	14.0	15.3	14.3	14.3	15.3	14.3	20.8	22.0	23.5	22.3	22.4	23.4	22.4	−4.5	−5.1	−3.1	−1.2	−0.7	−1.9	−2.8
13	15.9	15.2	15.6	12.2	11.3	9.9	13.4	24.0	23.3	23.7	20.2	19.3	17.9	21.4	−2.1	−4.4	−1.7	1.7	0.1	−0.3	−1.1
14	9.1	10.8	14.8	14.5	18.1	18.8	14.4	17.1	18.8	22.8	22.4	26.1	27.0	22.4	0.4	0.3	0.6	1.9	−1.7	−6.0	−0.7
15	18.6	19.9	**20.4**	18.5	19.1	20.3	19.5	26.9	28.2	**28.7**	26.5	27.4	28.6	27.7	−6.0	−7.8	−3.5	0.5	−3.0	−5.5	−4.2
16	19.0	17.5	16.8	14.3	13.1	11.2	15.3	27.2	25.7	25.0	22.1	21.2	19.3	23.4	−6.0	−6.6	−0.7	2.1	−1.5	−1.9	−2.4
17	9.1	8.4	10.1	9.6	12.3	14.3	10.6	17.2	16.4	18.0	17.3	20.3	22.3	18.6	−1.2	−0.1	3.4	5.1	1.0	−0.5	1.3
18	14.9	15.7	16.7	14.0	14.0	13.6	14.8	23.0	24.0	24.7	22.0	22.0	21.7	22.9	−4.3	−5.1	−2.2	1.2	−0.3	−3.0	−2.3
19	13.0	12.6	13.5	10.9	9.9	9.2	11.5	21.1	20.7	21.5	18.8	17.9	17.2	19.5	−4.0	−3.7	−0.5	2.9	0.9	0.8	−0.6
20	9.6	10.8	12.3	10.9	12.3	12.3	11.4	17.6	18.6	20.2	18.8	20.3	20.3	19.3	0.4	1.7	3.9	3.5	1.0	−0.6	1.7
21	10.4	9.7	9.3	7.9	9.5	9.3	9.4	18.4	17.9	17.3	15.7	17.3	17.3	17.3	−1.7	−2.0	−0.4	1.6	0.5	−0.9	−0.5
22	9.7	9.6	9.9	9.0	10.4	10.0	9.8	17.7	17.6	18.0	17.0	18.5	18.1	17.8	−1.9	−2.0	−1.1	−1.3	−2.6	−4.6	−2.2
23	11.0	11.4	11.7	9.6	9.3	9.3	10.4	19.2	19.6	19.9	17.6	17.5	17.3	18.5	−5.7	−5.7	−3.6	−1.9	−2.7	−3.4	−3.8
24	8.6	6.3	4.6	0.3	0.3	0.7	3.5	16.6	14.4	12.6	8.3	8.3	8.7	11.5	−3.9	−4.6	−3.3	−1.7	−1.6	−2.6	−2.9
25	0.2	1.1	1.6	998.9	0.4	999.7	0.3	8.2	9.3	9.6	6.8	8.3	7.9	8.4	−4.3	−8.3	−3.1	0.0	−2.0	−6.0	−3.9
26	0.3	4.2	7.4	7.7	9.1	10.9	6.6	8.3	12.3	15.4	15.7	17.2	19.0	14.7	−5.1	−4.3	−2.0	−2.3	−3.4	−3.1	−3.4
27	11.9	12.6	12.7	9.2	8.8	7.9	10.5	20.0	20.7	20.8	17.2	17.0	16.0	18.6	−3.3	−4.1	−1.6	1.7	−2.7	−5.2	−2.5
28	5.1	2.5	999.9	994.4	995.9	996.7	999.1	13.2	10.8	8.0	2.4	3.9	4.7	7.2	−6.7	−9.1	−5.7	−2.1	−2.3	−4.7	−5.1
29	995.9	996.2	997.5	996.8	998.5	0.2	997.5	4.0	4.3	5.5	4.8	6.6	8.3	5.6	−5.7	−6.8	−5.6	−5.1	−6.6	−6.9	−6.1
30	1.2	1.5	2.5	1.6	2.8	2.8	2.1	9.3	9.6	10.6	9.7	10.9	10.9	10.2	−7.1	−7.7	−6.1	−5.9	−5.5	−6.5	−6.5
31	2.1	1.9	1.9	0.2	1.5	1.0	1.4	10.1	10.0	9.9	8.2	9.5	9.1	9.5	−6.6	−7.0	−2.9	−2.1	−2.9	−7.5	−4.8
Mean	9.4	9.6	10.4	8.3	9.1	9.1	9.3	17.5	17.7	18.4	16.2	17.2	17.2	17.4	−3.4	−3.9	−1.2	0.8	−1.1	−2.7	−1.9

Day	AIR TEMPERATURE °C				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND												Mean	
	Max.	Min.	Mean	Range	2		6		10		14		18		22		6 obs.	24 h.
1	2.3	−11.8	−4.7	14.1	NW	1.1	NNW	1.3	E	1.5	N	6.9	NW	0.7	SSE	5.4	2.8	2.6
2	8.2	−4.8	1.7	13.0	S	5.2	SSE	2.6	SSE	5.9	SE	0.9	SE	2.6	N	1.1	3.1	2.4
3	4.8	−2.6	1.1	7.4	WNW	2.6	NNW	5.7	NW	4.4	NW	5.4	NNW	5.0	N	1.1	4.0	3.8
4	1.2	−5.9	−2.3	7.1	NW	1.3	WNW	2.4	NNW	2.2	N	1.3	NW	0.9	—	0.4	1.4	1.5
5	3.4	−7.2	−1.9	10.6	NW	1.5	—	0.0	N	0.9	—	0.4	WSW	1.3	ENE	3.0	1.2	0.9
6	3.8	−0.6	1.6	4.4	WSW	2.6	NW	5.7	WNW	8.0	W	**11.5**	NNW	3.2	NNW	4.6	5.9	6.0
7	1.4	−5.3	−1.9	6.7	NE	2.4	NNE	1.7	NNW	1.5	NNW	2.6	W	1.7	NW	0.9	1.8	1.6
8	4.4	−7.0	−1.3	11.4	NNE	0.9	W	0.9	WNW	0.9	SSE	1.3	S	2.4	SSE	0.7	1.2	1.4
9	2.4	−4.8	−1.2	7.2	ENE	1.3	NE	0.7	—	0.2	ENE	0.7	—	0.4	—	0.2	0.6	0.9
10	3.1	0.8	2.0	**2.3**	—	0.4	NW	2.2	—	0.2	N	2.8	N	4.6	NW	2.2	2.1	2.3
11	3.0	−4.4	−0.7	7.4	WNW	2.4	WNW	6.7	WNW	6.9	WNW	6.3	WNW	6.7	N	2.0	5.2	5.5
12	−0.6	−5.6	−3.1	5.0	WSW	0.7	E	1.1	ESE	1.1	NNW	1.1	SW	1.3	—	0.2	0.9	1.4
13	3.0	−6.2	−1.6	9.2	SE	1.7	ESE	1.5	—	0.4	WNW	0.7	—	0.0	NW	1.3	0.9	0.9
14	2.5	−6.5	−2.0	9.0	NNW	2.8	N	5.9	NNW	5.0	NW	3.8	NNE	1.5	W	1.7	3.5	4.2
15	1.4	−8.1	−3.3	9.5	W	2.6	W	3.0	NNW	2.6	NW	1.3	WNW	1.7	S	1.7	2.2	1.9
16	3.6	−7.4	−1.9	11.0	S	1.3	SE	0.9	NNW	1.1	NNW	1.1	WSW	0.9	NNW	1.1	1.1	1.0
17	5.3	−2.3	1.5	7.6	N	0.7	—	0.2	N	4.4	NNW	6.5	NW	6.9	N	5.2	4.0	3.9
18	3.0	−6.0	−1.5	9.0	WNW	2.2	WNW	2.2	N	2.4	NW	1.5	ENE	1.3	NNW	1.3	1.8	1.7
19	4.3	−5.6	−0.6	9.9	SW	2.4	NW	1.1	S	3.6	WNW	1.5	W	2.2	NW	1.3	2.0	1.5
20	5.0	−1.0	2.0	6.0	NW	2.0	N	4.8	NNE	3.8	NNW	6.5	NW	2.0	NE	2.0	3.5	4.1
21	2.2	−2.2	0.0	4.4	NNW	3.6	NNW	5.0	NE	2.8	N	4.8	NW	4.0	NW	5.2	4.2	4.5
22	0.5	−4.7	−2.1	5.2	NNW	7.1	NW	5.0	NNW	6.5	NW	6.9	WNW	8.5	NW	8.9	7.2	6.7
23	−0.8	−6.2	−3.5	5.4	NNE	3.8	NNE	0.9	SW	0.9	NE	2.2	NNW	4.4	NNE	2.2	2.4	2.3
24	−1.4	−4.9	−3.1	3.5	NNW	3.2	NNW	4.8	NNW	4.0	NNW	5.4	NNW	5.4	N	8.0	5.1	4.5
25	1.5	−9.0	−3.7	10.5	NW	2.6	ENE	0.7	N	2.2	NNW	5.0	NNW	3.8	SW	1.5	2.6	2.1
26	−1.4	−6.9	−4.1	5.5	NNW	1.5	NW	6.5	WNW	8.0	NNW	6.9	NNW	7.1	N	5.9	6.0	5.7
27	2.2	−5.9	−1.8	8.1	WNW	5.9	WNW	3.4	N	0.7	WSW	4.8	WSW	2.2	W	1.7	3.1	3.0
28	−1.1	−9.2	−5.1	8.1	WNW	2.2	NNW	1.1	NNW	2.0	NW	1.7	WNW	5.7	WNW	4.0	2.8	2.7
29	−3.7	−7.3	−5.5	3.6	W	5.7	NNW	1.5	SE	0.7	W	3.6	WNW	2.0	W	2.0	2.6	3.2
30	−4.1	−7.8	−5.9	3.7	W	6.1	NE	0.9	ESE	1.5	NNW	5.0	NW	3.6	ENE	1.1	3.0	3.2
31	−1.8	−7.8	−4.8	6.0	E	0.9	—	0.0	S	2.0	N	6.9	WNW	5.4	SSW	0.9	2.7	2.6
Mean	1.9	−5.6	−1.9	7.5		2.6		2.6		2.8		3.8		3.2		2.5	2.9	2.9

JANUARY, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	U	M	L	U	M	L	U	M	L	U	M	L	U	M	L	U	M	L
1	2.2	3.2	4.8	4.9	4.5	4.2	4.0	0	10	10	9	10	10	8.2	—	—	—	—	—	sc	—	—ns,sc		—	—ns,sc		—	—	sc	—	—	sc
2	4.5	4.1	5.0	5.5	4.4	4.8	4.7	0	4	8	10	6	0	4.7	—	—	—	—	—	sc	ci	—	sc	ci	—	sc	cs	—	—	—	—	—
3	4.9	6.0	5.2	5.0	4.1	4.2	4.9	10	2	8	10	0	9	6.5	—	as	—	ci	ac	sc	—	—	sc	cs	—	sc	—	—	—	—	—	sc
4	4.0	3.6	3.7	4.2	4.2	3.9	3.9	10	10	10	10	0	0	6.7	—	—	sc	—	as	—	—	as	—	—	—	sc	—	—	sc	—	—	—
5	3.5	3.5	4.5	5.4	6.2	6.7	5.0	0	8	2	10	10	10	6.7	—	—	—	—	ac	sc	cc	—	—	—	as	—	—	—	ns	—	—	ns
6	5.8	5.3	4.1	5.6	4.4	4.1	4.9	10	10	1	2	2	2	4.5	—	—	ns	—	—	ns	—	—sc,st		—	—st,cu		—	—	sc	—	—	sc
7	4.0	3.8	3.9	4.0	4.2	4.2	4.0	1	2	10	10	3	0	4.3	—	—	sc	cc	—	—	cs	—	—	cs	—	—	—	—	sc	—	—	—
8	3.8	3.5	4.4	5.3	5.6	4.6	4.5	0	1	3	8	0	0	2.0	—	—	—	—	—	cu	—	—	sc	—	—	sc	—	—	—	cs	—	—
9	4.3	4.9	5.3	5.9	5.9	6.0	5.4	3	10	10	10	10	10	8.8	cs	—	—	—	—	sc	—	as	st	—	as	st	—	as	—	—	—	st
10	6.1	6.4	6.7	**7.0**	6.5	6.0	6.5	10	10	10	10	8	4	8.7	—	—	st	—	—	st	—	—	ns	—	—	ns	—	—	sc	—	—	sc
11	5.3	5.5	4.0	4.2	3.0	3.9	4.3	10	7	2	2	0	10	5.2	—	—	sc	—	—	ns	—	—st,cu		—	—st,cu		—	—	—	—	—	ns
12	3.9	3.9	4.2	4.0	3.7	4.1	4.0	10	10	10	10	10	4	9.0	—	—	ns	—	—	ns	—	—	ns	—	—	sc	—	—	sc	—	—	sc
13	4.4	4.0	4.7	4.9	5.2	5.0	4.7	10	6	10	10	10	10	9.3	—	—	st	cc	—	sc	cc	ac	—	cs	—	—	cs	—	—	—	as	—
14	5.3	4.7	4.4	3.8	3.7	3.5	4.2	10	8	9	0	0	6	5.5	—	—	sc	—	—	sc	—	—sc,cu		—	—	cu	cs	—	—	cs,cc	—	—
15	3.3	3.1	3.6	3.9	3.9	3.7	3.6	7	7	9	9	0	6	6.3	cs	—	—	cs,ci	—	—	cs,cc	—	—	—	ac	—	—	—	—	—	ac	—
16	3.6	3.5	4.5	4.8	4.8	4.9	4.4	6	4	10	10	1	10	6.8	—	ac	—	—	—	sc	cs	—	sc	cs	—	sc	—	—	sc	cs	—	—
17	5.2	5.8	6.1	5.3	4.4	4.3	5.2	10	10	10	3	0	9	7.0	—	as	—	—	—	st	ci	—	sc	—	—sc,cu		—	ac	—	cc	—	—
18	4.0	3.6	4.0	4.6	4.7	4.3	4.2	0	0	9	4	0	0	2.2	—	—	—	cc	—	—	—	—	sc	—	—	sc	—	—	sc	—	—	—
19	4.3	4.5	5.6	5.9	6.0	6.3	5.4	1	9	10	10	10	10	8.3	—	—	sc	—	—	sc	cs	—	sc	—	—	sc	—	—	sc	—	—	ns
20	6.2	5.0	5.2	4.8	4.7	4.7	5.1	9	3	6	10	10	10	8.0	—	—	st	—	—	sc	cc	—	cu	cs	—	sc	cs	—	—	cs	—	—
21	4.3	4.2	4.0	4.1	4.1	3.9	4.1	10	10	10	10	7	10	9.5	—	as	—	—	as	—	cs	as	—	—	ac	sc	—	—	sc	—	—sc,st	
22	3.8	3.7	3.7	3.9	3.1	3.3	3.6	10	10	10	6	0	0	6.0	—	—	st	—	as	ns	—	—	sc	cs	—sc,cu		—	—	—	—	—	—
23	3.1	2.8	3.1	3.0	3.4	3.4	3.1	7	6	7	8	10	10	8.0	—	—st,sc		cs	—	sc	—	—sc,cu		—	ac	sc	—	—	sc	—	as	—
24	3.4	2.8	3.0	3.4	3.9	3.0	3.3	10	10	10	10	10	10	10.0	—	as	—	—	as	—	—	as	—	—	as	—	—	as	—	—	as	—
25	3.3	3.0	3.0	4.0	3.9	3.5	3.5	8	0	9	7	2	0	4.3	—	as	—	cs	—	—	—	—	sc	cs	—	sc	—	—	sc	—	—	—
26	3.6	3.3	3.5	4.1	4.0	3.6	3.7	4	6	2	10	10	10	7.0	—	—ns,sc		—	—st,sc		—	—cu,st		—	—	ns	—	—	ns	—	—	ns
27	3.3	3.6	4.2	3.8	3.4	3.5	3.6	10	10	7	7	0	0	5.7	—	—	st	—	—st,sc		—	-st,sc,cu		cs	—cu,sc		—	—	—	—	—	—
28	3.2	2.6	3.5	4.6	4.7	3.9	3.8	0	8	10	10	10	10	8.0	—	—	—	—	ac	—	—	—	ns	—	as	—	—	—	ns	—	—	ns
29	3.2	3.4	3.7	3.4	3.4	3.1	3.4	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
30	2.6	3.1	3.3	3.4	2.8	3.4	3.1	7	10	10	10	10	10	9.5	—	—	ns	—	—	ns	—	—	ns	—	—ns,sc		—	—	sc	—	—	ns
31	3.4	3.3	4.3	3.9	3.4	2.9	3.5	10	10	10	10	5	0	7.5	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	—
	4.1	4.0	4.3	4.5	4.3	4.2	4.2	6.5	7.1	8.1	8.2	5.3	6.1	6.9																		

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	2.4	193	(1.9)	1.2	96	97	83	71	69	63	80	—	—	0.1	0.0	0.1	—	0.2	⊟,⊔,✳,⊠	✳,⌶,⊟,⊠
2	8.1	222	1.8	0.8	75	87	62	**52**	61	85	70	—	—	—	—	—	—	—	⊟,0,⊠	0,⊟,⊠
3	1.6	127	2.1	1.5	96	80	66	63	64	77	74	—	—	—	—	—	—	—	⊟,0	0,⊟
4	0.4	84	1.1	0.9	84	75	70	65	88	97	80	—	—	—	—	—	—	—	⊟	☓,⊟,⊔
5	3.7	183	(1.6)	0.7	100	100	77	71	92	98	90	—	—	—	—	0.4	5.0	5.4	⊟,⊔,ᔓ	0,ᔓ,●
6	7.0	216	1.8	1.2	77	78	54	79	72	68	71	0.7	0.6	0.1	—	0.0	—	1.4	0,●,✳,⌶,⊠	0,✳,⌶,⊠,⊟
7	2.2	134	1.0	0.9	71	87	75	60	81	91	78	—	—	—	—	—	—	—	⊟,ᔓ,0,⊠	0,⊟,⊔
8	4.7	191	1.4	0.6	98	100	88	75	86	94	90	—	—	—	—	—	—	—	⊟,⊔,0,ᔓ	0,ᔓ,⊟,⊔
9	—	63	(2.5)	0.3	100	98	93	82	90	91	92	—	—	—	—	—	—	—	⊔,⊟	●
10	—	29	(1.1)	0.9	87	92	97	95	90	91	92	0.0	—	0.5	0.6	0.1	—	1.2	●	●,⊟
11	6.5	218	(1.9)	1.3	76	96	71	79	62	91	79	—	0.1	0.6	0.0	—	0.1	0.8	⊟,✳,0,⌶,⊠	0,✳,⊟,⊠,
12	—	122	(1.2)	0.8	93	95	89	72	64	80	82	0.2	0.9	0.9	0.3	0.0	—	2.3	⊟,✳,⊠	✳,⊠,⊟
13	1.4	154	1.1	0.7	86	95	88	70	84	84	85	—	—	—	—	—	—	—	⊟,ᔓ,⊠	ᔓ,⊟,⊠
14	6.9	238	1.9	1.2	84	75	69	55	70	95	75	—	—	—	—	—	—	—	⊟,0,ᔓ,⊠	0,⊟,⊔
15	6.4	209	1.4	0.8	90	97	79	63	82	95	84	—	—	—	—	—	—	—	⊟,⊔,0	0,⊟,⊔
16	2.6	147	(1.3)	0.6	97	100	78	68	89	94	88	—	—	—	—	—	—	—	⊟,⊔,ᔓ	ᔓ,⊟
17	4.2	158	2.1	1.6	94	96	78	61	68	73	78	—	—	—	—	—	—	—	⊟,●,✳,⌶,⊠	0,⊟
18	3.2	139	(1.5)	0.8	93	91	78	70	79	90	84	—	—	—	—	—	—	—	⊟,⊔,0	⊟
19	0.3	99	(1.7)	0.7	98	100	96	78	90	97	93	—	—	0.2	—	—	1.3	1.5	⊟,⊔,✳	●,⊟,ᔓ
20	7.2	194	2.0	1.5	98	72	64	61	71	80	74	4.5	—	—	—	—	—	4.5	⊟,●,0	0,⊟,●
21	0.4	119	(2.7)	2.0	81	81	68	59	65	69	71	—	—	—	—	—	—	—	⊟,0	0,⊟
22	3.1	125	(2.0)	1.4	73	71	67	70	62	80	71	—	0.0	0.1	0.0	—	—	0.1	⊟,✳,0	0,✳,⊟
23	3.0	180	2.1	1.9	81	74	68	58	70	73	71	—	0.0	—	—	—	—	0.0	⊟,✳	⊟
24	—	86	1.9	1.4	76	67	65	64	72	61	68	—	—	—	—	—	—	—	⊟,ᔓ	0,⊟
25	6.4	231	(2.5)	1.2	78	100	64	65	75	95	80	—	—	—	—	—	—	—	⊟,⊔,ᔓ,0	0,⊟
26	5.7	208	(1.9)	1.0	91	78	67	80	87	75	80	0.0	0.1	—	0.0	0.1	0.1	0.3	⊟,✳,0	✳,⌶,⊠,⊟
27	5.9	211	1.9	1.0	71	83	79	55	70	88	74	0.0	—	0.1	—	—	—	0.1	⊟,✳,ᔓ,⊠	0,⊟
28	1.5	106	(2.3)	0.8	92	94	93	90	92	95	93	—	—	0.0	0.6	**6.5**	0.1	7.2	⊟,⊔,✳,⌶	✳,⌶,⊠,⊟
29	—	50	(0.0)	0.5	86	97	98	86	98	90	93	0.6	2.4	3.0	0.6	1.4	3.8	**11.8**	⊟,✳,⊠	✳,✳,⊠,⊟
30	0.2	33	(0.6)	0.6	77	97	90	90	70	95	87	1.2	0.7	1.7	0.2	0.0	0.5	4.3	⊟,✳,⊠	✳,⊠,⊟
31	0.5	192	(1.4)	1.0	97	97	90	77	72	89	87	3.0	0.9	0.3	0.5	0.0	0.0	4.7	⊟,✳,⊠	✳,⊠,⊟
	95.5	4661	51.7	31.8	87	89	78	70	77	85	81	10.2	5.7	7.6	2.8	8.6	10.9	45.8		

FEBRUARY, 1954.

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	1.6	1.7	2.8	1.6	2.9	3.9	2.4	9.9	10.1	10.9	9.5	11.0	12.2	10.6	−11.5	−14.9	−6.3	−1.5	−4.3	−10.1	−8.1
2	4.4	5.5	6.1	3.6	4.4	5.5	4.9	12.8	12.6	14.3	11.6	12.6	13.9	13.0	−13.7	−16.8	−5.9	2.6	−5.2	−12.3	−8.5
3	6.6	7.9	8.6	7.0	7.6	8.6	7.7	15.0	16.3	16.7	14.9	15.6	15.6	15.7	−15.2	−16.3	−6.5	2.4	−5.1	−11.5	−8.7
4	8.7	9.2	10.3	8.4	9.5	9.5	9.3	17.2	17.6	18.3	16.6	17.5	17.7	17.5	−14.3	−13.9	−3.8	1.9	−3.3	−5.8	−6.5
5	8.7	9.1	9.0	5.6	5.5	6.0	7.3	17.0	17.5	17.1	13.5	13.5	14.0	15.4	−8.3	−12.4	−3.2	4.0	−0.1	−5.1	−4.2
6	5.0	4.8	5.9	4.0	5.0	5.1	5.0	13.2	13.2	14.0	11.9	13.0	13.1	13.1	−10.1	−11.8	−3.3	1.8	−1.4	−2.6	−4.6
7	5.0	5.3	7.0	5.2	7.0	8.0	6.3	13.1	13.5	14.9	13.1	15.0	16.0	14.3	−3.1	−4.5	1.9	1.8	1.0	−0.3	−0.5
8	8.0	9.3	10.4	10.9	13.2	14.6	11.1	16.0	17.3	18.4	18.8	21.2	22.8	19.1	−0.9	−2.1	1.1	1.1	−0.4	−2.6	−0.6
9	14.8	15.0	16.6	14.8	15.4	14.4	15.2	22.9	23.3	24.6	22.6	23.4	22.4	23.2	−4.2	−5.3	1.4	5.4	2.1	1.7	0.2
10	13.2	13.0	13.2	11.6	13.9	13.3	13.0	21.1	20.8	21.1	19.4	21.7	21.3	20.9	1.3	1.7	5.9	7.2	3.6	3.2	3.8
11	12.0	11.4	11.3	8.8	6.4	4.0	9.0	20.0	19.3	19.2	16.6	14.4	11.9	16.9	1.5	1.5	3.3	6.9	1.9	−0.5	2.4
12	999.9	994.5	991.3	**989.3**	996.0	998.6	994.9	7.7	2.3	999.0	**997.0**	3.9	6.4	2.7	0.1	0.3	2.8	8.7	2.3	2.3	2.8
13	2.3	3.3	7.4	9.1	11.2	12.2	7.6	10.1	11.3	15.3	17.1	19.2	20.2	15.5	1.6	0.5	0.3	−0.2	−1.6	−2.1	−0.2
14	11.0	11.4	11.7	10.4	10.9	12.3	11.3	19.2	19.6	19.7	18.4	18.9	20.3	19.4	−2.1	−2.3	−1.1	0.0	−1.5	−2.5	−1.6
15	12.3	12.6	13.2	11.7	13.6	14.1	12.9	20.3	20.7	21.2	19.7	21.6	22.1	20.9	−1.5	−0.9	2.6	2.9	1.7	1.7	1.1
16	14.5	15.2	16.3	14.1	14.3	13.6	14.7	22.5	23.2	24.2	22.0	22.1	21.6	22.6	−0.2	0.9	4.3	5.0	3.3	0.4	2.3
17	11.4	9.9	7.9	3.3	3.7	4.8	6.8	19.4	17.9	15.7	11.2	11.6	12.8	14.8	−0.3	−0.6	2.8	4.9	2.0	1.3	1.7
18	5.1	5.7	6.8	5.2	7.4	7.9	6.4	13.0	13.7	14.8	13.2	15.4	15.9	14.3	0.2	−1.2	−0.4	0.2	−2.5	−2.7	−1.1
19	7.7	9.0	10.1	9.5	11.3	13.2	10.1	15.9	17.1	18.3	17.5	19.4	21.3	18.3	−3.5	−3.9	−2.6	−1.5	−4.4	−4.6	−3.4
20	12.2	13.0	12.7	9.2	6.6	9.0	10.5	20.4	21.1	20.7	17.1	14.6	17.0	18.5	−4.7	−3.9	0.4	3.3	1.7	−0.5	−0.6
21	8.4	6.1	4.7	3.2	5.0	6.1	5.6	16.4	14.3	12.8	11.0	13.1	14.3	13.7	−2.7	−4.3	−2.5	0.0	−3.5	−4.9	−3.0
22	6.3	8.3	10.3	10.6	13.3	13.7	10.4	14.4	16.6	18.3	18.6	21.5	21.9	18.6	−6.7	−7.1	−2.0	0.4	−1.3	−3.0	−3.3
23	13.7	16.2	15.3	14.0	15.2	16.2	15.1	21.9	24.4	23.3	21.9	23.0	24.3	23.1	−4.2	−5.6	2.5	5.7	1.9	0.2	0.1
24	17.1	17.3	19.2	17.6	19.6	20.7	18.6	25.2	25.3	27.2	25.5	27.6	28.7	26.6	0.1	0.0	3.3	7.7	4.0	0.7	2.6
25	20.4	20.7	**21.2**	18.6	19.2	19.6	20.0	28.6	28.8	**29.0**	26.4	27.0	27.4	27.9	0.3	−0.8	8.9	12.7	8.9	3.4	5.6
26	17.7	17.5	17.0	15.0	15.2	15.9	16.4	25.7	25.6	24.8	22.6	22.9	23.7	24.2	1.1	1.1	6.3	12.4	9.0	7.2	6.2
27	15.9	15.3	14.3	10.5	6.9	2.3	10.9	23.7	23.3	22.1	21.0	14.6	10.0	19.1	5.7	5.3	6.6	8.1	7.8	8.8	7.1
28	998.1	997.2	998.5	0.6	5.0	9.6	1.5	5.7	4.8	6.0	8.3	12.7	17.5	9.2	9.3	8.3	12.6	8.0	4.7	4.1	7.8
Mean	9.4	9.5	10.0	8.3	9.5	10.1	9.5	17.4	17.6	17.9	16.3	17.4	18.1	17.5	−3.1	−3.9	1.1	4.0	0.8	−1.3	−0.4

Day	AIR TEMPERATURE °C				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND												Mean	
	Max.	Min.	Mean	Range	2		6		10		14		18		22		6 obs.	24 h.
1	0.6	−15.9	−7.6	16.5	NE	1.5	NW	1.1	E	0.7	—	0.4	N	2.6	WSW	2.6	1.5	1.3
2	3.6	**−17.9**	−7.1	**21.5**	SW	1.5	NW	0.7	E	1.5	W	0.9	SSW	2.0	WNW	2.0	1.4	1.0
3	3.9	−17.4	−6.7	21.3	WNW	2.6	—	0.2	NNW	1.1	WNW	1.7	W	1.5	—	0.2	1.2	1.0
4	4.0	−14.7	−5.3	18.7	WNW	0.9	WNW	1.5	—	0.2	—	0.2	—	0.0	W	3.0	1.0	0.9
5	5.3	−13.4	−4.0	18.7	—	0.4	WNW	2.0	—	0.0	W	1.3	ESE	2.0	W	2.2	1.3	0.8
6	2.6	−12.2	−4.8	14.8	WSW	2.8	—	0.0	E	2.4	N	1.5	—	0.4	ESE	2.6	1.6	1.4
7	5.3	−5.7	−0.2	11.0	SE	3.0	SE	1.1	ENE	2.8	—	0.4	W	3.2	SW	5.0	2.6	2.6
8	2.8	−3.8	−0.5	6.6	SE	4.2	—	0.4	NNW	2.2	WNW	5.7	—	0.4	NNE	6.3	3.2	3.0
9	6.8	−6.2	0.3	13.0	—	0.0	ESE	0.9	—	0.2	NE	1.3	SE	2.2	SSE	4.0	1.4	1.6
10	8.2	0.3	4.3	7.9	S	6.5	SE	2.2	NE	0.9	ESE	1.5	NE	3.0	NE	1.5	2.6	2.9
11	8.0	−1.0	3.5	9.0	—	0.0	—	0.0	NE	1.7	—	0.4	E	2.0	E	1.7	1.0	1.3
12	9.1	−0.4	4.4	9.5	—	0.0	—	0.0	S	2.6	ENE	2.0	W	**16.9**	N	4.6	4.4	5.9
13	1.6	−2.2	−0.3	3.8	N	9.3	WNW	10.7	N	4.0	NNW	4.8	NNW	3.2	NNW	6.5	6.4	6.9
14	0.3	−2.7	−1.2	**3.0**	NNW	6.1	N	3.2	NNW	5.2	NNW	7.8	NNW	8.5	NNW	5.0	6.0	6.3
15	4.0	−1.9	1.1	5.9	NNW	5.4	NNW	5.7	NW	8.0	NNW	5.2	NNW	4.0	NW	3.6	5.3	6.3
16	6.5	−1.2	2.7	7.7	SSW	0.7	E	2.0	—	0.4	NW	5.9	NE	3.2	N	0.7	2.2	2.3
17	5.2	−1.0	2.1	6.2	WNW	2.2	—	0.0	NW	3.2	N	5.7	N	3.0	NNW	7.6	3.6	3.0
18	2.8	−3.0	−0.1	5.8	WNW	5.2	NW	5.7	NW	6.3	NW	5.9	NNW	5.5	NNW	5.4	5.7	5.5
19	−0.3	−5.3	−2.8	5.0	NW	6.1	NW	3.8	NW	0.7	NW	4.8	NNW	2.8	NE	1.7	3.3	3.7
20	4.2	−5.5	−0.6	9.7	ENE	1.3	E	0.7	NE	3.0	WNW	4.6	SSE	6.5	NNW	6.3	3.7	3.3
21	0.5	−5.8	−2.6	6.3	W	2.8	NW	1.5	WNW	2.4	N	5.9	NW	4.8	W	3.8	3.5	3.6
22	0.9	−7.5	−3.3	8.4	NW	4.4	NNE	1.1	NW	6.1	WNW	6.5	NNW	2.8	NW	0.7	3.6	3.7
23	6.6	−6.1	0.3	12.7	—	0.4	—	0.4	E	1.3	SSW	5.2	ENE	2.0	—	0.0	1.6	1.7
24	8.3	−0.4	4.0	8.7	ENE	1.7	E	1.7	W	0.9	ENE	0.7	WSW	1.5	—	0.0	1.1	1.3
25	13.0	−1.0	6.0	14.0	—	0.0	—	0.0	—	0.2	NNW	2.4	N	3.6	W	1.3	1.3	1.5
26	12.9	0.8	6.9	12.1	—	0.0	WNW	0.9	NNW	1.3	NNW	3.0	E	1.1	—	0.2	1.1	1.3
27	9.8	5.1	7.5	4.7	—	0.0	ESE	0.9	SSE	3.6	S	3.0	SSE	2.4	SSE	3.2	2.2	2.5
28	**13.5**	3.3	8.4	10.2	SSW	4.2	E	1.7	WNW	2.6	NNW	9.3	NNW	9.1	NNW	7.4	5.7	6.6
Mean	5.4	−5.1	0.1	10.5		2.6		1.8		2.3		3.5		3.6		3.2	2.8	3.0

FEBRUARY, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	U	M	L	U	M	L	U	M	L	U	M	L	U	M	L	U	M	L
1	2.1	1.7	2.7	4.0	3.2	2.5	2.7	0	2	8	8	2	0	3.3	—	—	—	—	—	sc	—	ac	sc	—	—cu,st		—	—	sc	—	—	—
2	1.9	1.4	3.0	3.5	3.0	2.1	2.5	0	0	1	1	2	0	0.7	—	—	—	cs	—	—	—	—	st	ci	—	cu	—	—	sc	—	—	—
3	1.6	1.4	3.2	4.2	3.3	2.3	2.7	0	0	0	3	0	0	0.5	—	—	—	—	—	—	—	—	sc	—	—	sc	—	—	—	—	—	—
4	1.8	1.8	3.4	3.4	3.2	3.3	2.8	0	1	2	2	2	8	2.5	—	—	—	—	—	sc	cc	—	—	cs	—	cu	cs	—	—	cs	—	—
5	2.9	2.1	3.8	3.8	4.2	3.3	3.4	3	1	6	3	7	0	3.3	cs	—	—	ci	—	—	—	ac	—	cc	—	cu	—	—	sc	—	—	—
6	2.6	2.2	4.1	4.9	4.0	4.6	3.7	0	10	9	6	6	8	6.5	—	—	—	—	—	≡	—	—sc,st		—	—	sc	—	—	sc	—	—	sc
7	4.7	4.2	5.2	5.7	4.2	5.1	4.9	10	8	6	10	3	0	6.2	—	as	—	—	—	sc	—	—	cu	—	—ns,sc		—	—	cu	—	—	—
8	4.6	4.2	4.1	4.4	4.5	3.6	4.2	5	9	9	10	10	1	7.3	—	—	st	—	—	sc	—	—	sc	—	–sc,st,cu		—	—	sc	—	—	sc
9	3.6	3.7	4.4	4.7	4.8	4.5	4.3	1	7	0	4	4	10	4.3	—	—	sc	—	—	sc	—	—	cu	—	—	sc	—	—	sc	—	as	—
10	4.6	5.5	6.5	6.5	5.9	5.4	5.7	10	7	7	10	10	10	9.0	—	as	—	—	—	sc	—	—sc,cu		—	—sc,cu		—	—	sc	—	—	sc
11	5.7	6.0	6.8	7.7	6.3	5.6	6.4	10	10	10	2	0	10	7.0	—	—	st	—	—	ns	—	—sc,st		—	—	cu	—	—	—	—	—	st
12	6.2	6.1	7.4	7.7	5.0	4.1	6.1	10	10	10	7	3	1	6.8	—	—	st	—	—	st	—	—	ns	—	—sc,ns		—	—sc,ns		—	—	cu
13	3.7	3.5	4.1	4.4	3.5	3.9	3.9	1	4	9	10	2	3	4.8	—	—	cu	—	—	sc	—	—	ns	—	—	ns	—	—	sc	cs	ac	—
14	3.7	3.7	3.6	3.6	3.4	3.4	3.6	10	10	10	10	0	1	6.8	—	as	—	—	as	—	—	as	cu	—	ac	cu	—	—	—	—	—	cu
15	3.6	3.7	4.8	5.6	5.3	5.8	4.8	7	7	8	8	10	10	8.3	—	—	sc	—	—	sc	—	—	sc	cs	—	sc	—	—ns,sc		—	—	sc
16	5.6	5.1	4.9	5.3	5.4	5.5	5.3	7	3	10	8	9	6	7.2	—	—	sc	ci	—cu,sc		cs	—	sc	cs,cc—		sc	—as,ac—			cs,cc—		—
17	5.3	5.4	5.0	5.3	4.7	4.5	5.0	10	10	10	10	10	10	10.0	—	ac	—	—	as	—	—	as	—	—	as	—	—	as	—	—	as	cu
18	4.1	3.8	4.9	4.1	3.4	3.5	4.0	10	10	9	8	9	10	9.3	—	as	st	—	as	st	—	—ns,sc		cs	—sc,st		—	—ns,sc		—	asns,sc	
19	3.2	3.6	3.8	3.6	4.0	3.6	3.6	10	10	10	10	10	10	10.0	—	—	sc	—	—	ns	—	—	ns	—	—ns,sc		—	—	ns	—	—	st
20	3.7	3.8	3.1	4.0	5.0	4.5	4.0	10	10	2	9	10	8	8.2	—	—	ns	—	—	st	—	—	cu	cs	—	cu	—	—	st	—	—	sc
21	3.8	3.8	4.7	4.7	4.3	3.9	4.2	8	10	10	10	10	10	9.7	—	ac	—	—	—	sc	—	—	ns	—	—sc,st		cs	—	sc	—	as	sc
22	3.3	2.5	3.2	4.4	4.3	4.3	3.7	10	2	3	8	0	0	3.8	—	—	ns	—	—	cu	—	—	cu	—	–sc,cu,st		—	—	cu	—	ac	—
23	4.2	3.7	5.4	5.5	6.3	6.0	5.2	10	10	7	8	9	9	8.8	—	—	st	—	—	ns	—	—sc,cu		—	—sc,cu		—	—	sc	—	—	sc
24	5.9	5.9	6.5	7.0	7.0	6.1	6.4	10	10	10	10	5	10	9.2	—	—	sc	—	—	sc	—	—	sc	cs	—	sc	—	—	sc	—	—	sc
25	6.0	5.6	7.5	8.0	7.9	7.2	7.0	10	6	0	8	5	7	6.0	—	—	sc	—	—	sc	—	—	cu	cl,cs,cc—			cs,ci—			cs	—	—
26	6.4	6.3	7.0	8.5	9.1	8.4	7.6	10	10	10	10	10	10	10.0	cs	—	—	—	as	—	—	as	—	—	as	—	—	as	st	—	—	st
27	8.8	8.7	9.6	10.5	10.4	11.2	9.9	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
28	11.7	10.8	8.8	7.5	6.6	6.4	8.6	10	10	9	10	9	3	8.5	—	—	ns	—	—	ns	—	as	sc	—	—sc,ns		—	as	sc	—	—	sc
	4.5	4.3	5.1	5.4	5.1	4.8	4.9	6.9	7.0	7.0	7.6	6.0	5.9	6.7																		

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	6.5	240	(1.7)	0.8	93	100	76	74	76	97	86	—	—	—	0.2	—	—	0.2	⊟,⊔,ㄣ,✳,⊠	0,✳,⊟,⊔,⊠
2	8.5	272	2.8	1.0	100	100	81	48	77	100	84	—	—	—	—	—	—	—	⊟,⊔,ㄣ,⊠,0	⊟,⊔,⊠
3	8.9	257	2.2	0.7	100	95	90	58	82	100	88	—	—	—	—	—	—	—	⊟,⊔,ㄣ,2,⊠	⊟,⊔,⊠
4	9.0	286	2.1	0.9	100	100	76	49	69	88	80	—	—	—	—	—	—	—	⊟,⊔,ㄣ,⊠	0,⊟,⊠
5	8.0	285	2.5	0.8	94	100	81	46	69	82	79	—	—	—	—	—	—	—	⊟,⊔,⊠	0,⊟,⊠
6	4.3	288	(2.1)	1.2	100	100	88	71	74	94	88	—	—	—	—	—	0.0	0.0	⊟,⊔,ㄣ,≡,=	0,⊟,✳,⊠
7	4.8	254	(2.3)	1.2	100	100	74	82	65	86	85	0.1	0.0	0.0	0.2	0.0	—	0.3	⊟,✳,⊠,2,⊠	✳,⊟,⊠
8	3.7	230	2.2	1.3	82	74	61	66	77	74	72	0.0	—	0.0	—	—	—	0.0	⊟,✳,⊠	⊟,⊠
9	7.8	302	3.0	1.2	83	97	65	52	68	66	72	—	—	—	—	—	—	—	⊟,2,0,⊠	0,⊟,⊠
10	1.4	139	(1.2)	0.5	68	80	70	64	74	71	71	—	—	—	—	—	—	—	⊟,0,⊠	0,⊠
11	2.0	163	(1.1)	0.2	83	88	87	77	90	96	87	—	0.0	0.2	—	—	—	0.2	●,⊠	=,⊟,⊠
12	2.1	110	(2.7)	2.3	100	98	98	69	70	56	82	—	0.0	3.6	0.3	—	—	3.9	⊟,●,⊠	●,⌒,⊟,↙,⊠
13	2.2	171	2.2	1.5	55	56	65	74	66	76	65	—	—	0.0	0.0	—	—	0.0	⊟,✳,0,⊠,↙	✳,⊟,⊠
14	—	132	2.8	2.2	73	73	65	59	63	68	67	—	—	—	—	—	—	—	⊟,0,⊠	0,⊟,⊠,↙
15	7.1	305	2.8	1.3	66	66	65	75	77	83	72	—	—	—	0.0	0.0	0.0	0.0	⊟,0,⊠	0,✳
16	5.3	223	1.8	1.0	93	78	59	61	69	88	75	0.0	—	—	—	—	—	0.0	⊟,✳,0,2	0,2,⊟
17	1.3	206	(2.7)	2.0	89	93	67	61	66	67	74	—	—	—	—	—	—	—	⊟,0	—
18	6.0	292	(2.7)	1.9	67	69	82	67	68	72	71	—	—	0.1	0.0	0.0	0.0	0.1	⊟,✳	0,✳,⊟
19	2.0	189	(1.2)	1.1	71	80	78	66	95	87	80	0.0	0.0	0.0	0.1	0.1	0.0	0.2	⊟,✳	✳,⊠,⊟
20	7.3	338	(2.5)	1.4	91	87	50	52	72	77	72	0.0	0.1	—	—	—	0.1	0.2	⊟,✳,0,⊠	0,✳,⊠,⊟
21	2.2	188	(1.8)	1.6	78	89	94	77	94	95	88	—	—	0.0	0.4	—	—	0.4	⊟,✳,⊠	✳,⊠,⊟
22	8.0	314	(1.8)	1.0	95	74	62	70	78	89	78	0.0	0.0	—	—	—	—	0.0	⊟,✳,⊠,0	0,✳,⊠,⊟
23	5.3	302	2.0	0.6	98	98	74	60	90	96	86	0.4	0.1	0.0	—	—	—	0.5	⊟,✳,⊠	⊟
24	1.0	125	1.5	0.5	96	96	84	67	86	95	87	—	—	—	—	—	—	—	⊟,2	2,⊟
25	9.5	353	3.0	1.1	96	98	66	54	70	92	79	—	—	—	—	—	—	—	⊟,0,2	0
26	0.8	189	(1.7)	0.6	96	95	73	59	79	83	81	—	—	—	—	—	0.0	0.0	—	●
27	—	50	(0.8)	0.3	96	97	99	97	99	99	98	1.4	2.6	3.7	0.1	0.3	0.1	8.2	●	●,9
28	4.6	250	3.4	1.4	100	99	60	70	77	78	81	0.5	2.2	0.1	—	—	—	2.8	●,0,↙	0,↙
	129.6	6453	60.6	31.6	88	89	75	65	76	84	79	2.4	5.0	7.7	1.3	0.4	0.2	17.0		

MARCH. 1954.

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	12.0	15.3	14.3	10.8	10.3	8.6	11.9	20.0	23.3	22.1	18.6	18.1	16.4	19.8	2.6	0.1	6.9	7.5	6.3	6.1	4.9
2	5.5	3.2	2.0	0.6	4.0	5.9	3.5	13.3	10.9	9.6	8.3	11.7	13.7	11.3	5.6	5.9	6.7	7.1	5.2	3.5	5.7
3	6.4	8.7	9.5	7.4	9.7	12.3	9.0	14.3	16.7	17.3	15.3	17.6	20.3	16.9	2.4	0.7	4.0	7.3	0.5	–1.0	2.3
4	13.1	15.7	16.6	15.2	14.3	12.3	14.5	21.1	23.9	24.7	23.2	22.4	20.4	22.6	–1.9	–1.9	–0.2	0.5	–1.1	–2.4	–1.2
5	9.2	8.2	11.0	11.2	14.5	16.0	11.7	17.2	16.3	19.0	19.2	22.5	24.2	19.7	–2.7	–2.7	–1.8	–0.3	–2.6	–3.3	–2.2
6	17.0	18.0	18.9	17.6	18.6	20.6	18.5	25.1	26.3	26.9	25.6	26.6	28.7	26.5	–5.4	–7.7	1.2	3.1	0.3	–1.9	–1.7
7	19.3	19.4	17.9	15.9	15.2	16.3	17.3	27.4	27.6	25.9	24.0	23.2	24.4	25.4	–2.4	–3.2	–1.7	–0.9	–1.3	–2.2	–1.9
8	15.4	16.0	17.3	16.0	17.5	18.6	16.8	23.6	24.2	25.3	23.9	25.5	26.8	24.9	–3.7	–4.0	1.3	4.3	0.9	–1.6	–0.5
9	19.3	20.6	20.0	17.1	16.7	15.4	18.2	26.3	28.7	28.2	25.1	24.7	23.4	26.1	–4.7	–5.7	1.0	5.4	3.2	1.7	0.2
10	17.2	19.7	21.2	20.7	23.2	**24.2**	21.0	25.2	29.2	29.2	28.6	31.3	**32.4**	29.3	0.4	–1.2	3.1	4.4	0.5	–1.8	0.9
11	21.2	21.1	19.6	15.0	10.1	3.7	15.1	29.3	29.2	27.7	23.2	18.3	11.7	23.2	–2.5	–3.0	–0.9	–0.7	–0.7	–0.5	–1.4
12	0.2	1.5	1.7	0.7	4.4	6.4	2.5	8.0	9.3	9.5	8.4	12.3	14.4	10.3	–0.2	2.4	5.4	4.4	2.0	–0.2	2.3
13	5.9	8.6	9.2	11.6	15.6	17.7	11.4	13.9	16.6	17.1	19.6	23.7	25.9	19.5	–1.6	–2.2	0.7	0.8	–1.4	–2.5	–1.0
14	17.7	18.8	18.4	14.3	12.8	13.5	15.9	26.0	27.0	26.4	22.3	20.8	21.5	24.0	–3.7	–4.5	–0.6	2.7	1.7	–0.9	–0.9
15	12.4	11.2	9.9	7.4	9.5	10.9	10.2	20.6	19.3	17.7	15.3	17.5	18.9	18.2	–3.1	–5.4	3.9	3.5	0.5	–0.1	–0.1
16	9.9	10.4	10.9	9.1	11.4	12.8	10.8	17.9	18.5	18.8	17.0	19.4	20.8	18.7	–1.7	–2.7	1.5	2.8	1.2	–0.9	0.0
17	13.7	16.3	18.8	18.4	19.9	21.2	18.1	21.7	24.3	26.8	26.3	27.9	29.3	26.1	–0.9	–1.9	2.4	5.9	2.1	–1.1	1.1
18	22.4	22.9	22.8	19.4	19.3	18.4	20.9	30.5	31.2	30.9	27.2	27.3	26.4	28.9	–3.5	–3.9	2.9	10.1	5.1	0.8	1.9
19	16.8	16.6	14.8	11.4	8.8	6.6	12.5	24.8	24.8	22.6	19.2	16.6	14.3	20.4	–1.3	–3.1	5.7	12.4	10.3	9.9	5.7
20	1.7	3.0	2.8	2.1	3.3	3.3	2.7	9.5	10.9	10.5	9.9	11.2	11.2	10.5	7.7	4.6	9.1	6.7	3.1	0.6	5.3
21	1.3	1.0	1.9	1.1	2.1	4.3	2.0	9.2	9.0	9.7	8.8	10.0	12.3	9.8	0.5	0.1	2.9	5.9	1.9	0.0	1.9
22	5.5	8.6	11.4	10.4	11.9	13.6	10.2	13.3	16.6	19.3	18.1	19.9	21.7	18.2	1.3	1.7	5.3	6.7	4.3	–0.5	3.1
23	13.0	13.6	13.0	10.6	10.1	10.4	11.8	21.1	21.7	20.7	18.4	18.0	18.4	19.7	–2.3	–3.2	8.5	11.8	5.6	0.8	3.5
24	9.0	8.8	9.3	8.2	11.2	13.0	9.9	17.0	16.8	17.1	15.9	19.0	21.0	17.8	1.0	1.5	6.3	7.8	2.9	1.8	3.6
25	11.2	12.7	11.7	7.7	5.5	9.9	9.8	19.2	20.7	19.6	15.4	13.2	17.7	17.6	1.4	–0.2	7.1	10.6	6.6	3.9	4.9
26	12.8	16.8	18.3	13.7	15.0	14.5	15.2	20.8	25.0	26.3	21.5	22.8	22.4	23.1	1.7	–0.3	5.6	11.3	6.8	5.5	5.1
27	11.4	8.4	5.6	3.4	4.0	4.3	6.2	19.3	16.3	13.2	10.9	11.6	11.9	13.9	5.5	5.7	12.5	15.3	13.4	9.6	10.3
28	5.0	4.4	4.7	1.9	1.7	999.7	2.9	12.7	12.2	12.4	9.7	9.6	7.7	10.7	7.8	7.2	4.3	3.3	0.5	0.2	3.9
29	996.7	**996.3**	997.5	997.2	0.0	2.8	998.4	4.6	**4.2**	5.3	5.0	7.9	10.8	6.3	0.2	0.3	0.6	3.5	2.8	0.9	1.4
30	5.5	5.5	8.4	7.0	7.7	8.8	7.2	13.3	13.3	16.3	14.6	15.4	16.6	14.9	2.3	2.5	7.3	10.1	7.3	6.1	5.9
31	7.4	10.0	10.3	7.4	7.7	8.6	8.6	15.4	18.0	18.0	15.0	15.4	16.4	16.4	2.1	1.1	7.9	12.7	10.6	5.1	6.6
Mean	10.8	11.7	11.9	10.0	10.8	11.4	11.1	18.8	19.7	19.8	17.9	18.8	19.4	19.1	0.0	–0.7	3.8	6.0	3.2	1.1	2.2

Day	AIR TEMPERATURE °C				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND												Mean	
	Max.	Min.	Mean	Range	2		6		10		14		18		22		6 obs.	24 h.
1	8.0	–0.2	3.9	8.2	NW	2.4	SSW	2.2	SSE	5.0	SE	5.5	SSE	4.8	S	1.7	3.6	4.0
2	7.6	3.2	5.4	4.4	—	0.0	—	0.0	N	2.0	NNW	6.3	NNW	7.6	WNW	5.9	3.6	4.0
3	7.8	–2.1	2.9	9.9	NW	3.6	N	5.5	NW	3.6	W	8.2	NNW	4.2	NNW	7.8	5.5	5.2
4	1.3	–2.6	–0.6	3.9	N	5.0	N	8.0	NNW	7.6	N	4.4	—	0.4	NW	4.2	4.9	4.1
5	0.9	–3.8	–1.4	4.7	NNW	6.3	NNW	6.5	N	5.5	NW	7.6	WNW	4.6	E	1.7	5.4	4.7
6	4.0	**–7.8**	–1.9	11.8	SE	2.0	SSE	1.5	NE	2.8	NNW	5.7	NNW	2.6	—	0.0	2.4	2.1
7	0.0	–3.4	–1.7	**3.4**	NNW	4.2	NNW	3.0	N	6.9	N	4.2	NNW	4.4	NNW	2.4	4.2	3.9
8	4.8	–4.4	0.2	9.2	W	2.0	—	0.0	—	0.2	WSW	6.5	WNW	1.7	WNW	2.6	2.2	2.3
9	6.6	–5.8	0.4	12.4	ESE	1.3	NNE	1.5	W	2.0	SSE	7.1	S	6.3	SSW	8.7	4.5	3.1
10	5.2	–2.2	1.5	7.4	WNW	5.7	NW	8.0	WNW	7.6	W	10.7	NW	0.9	N	1.5	5.7	5.5
11	–0.1	–3.6	–1.8	3.5	WSW	1.3	NNW	1.3	—	0.0	E	0.7	—	0.4	—	0.4	0.7	0.7
12	6.0	–0.8	2.6	6.8	—	0.0	WNW	5.2	NNW	2.4	NE	0.7	W	7.1	SW	3.8	3.2	3.3
13	2.4	–2.9	–0.2	5.3	W	8.9	W	10.0	W	**18.8**	W	1.7	NW	7.1	NNW	5.7	8.7	7.9
14	4.2	–4.8	–0.3	9.0	NNW	2.2	SSE	0.9	SSE	2.4	SE	3.0	SSE	5.7	SE	4.8	3.2	2.3
15	5.8	–5.6	0.1	11.4	WNW	1.1	WSW	0.7	N	2.0	NW	2.6	WNW	7.4	NNW	3.0	2.8	2.2
16	4.0	–2.5	0.8	6.5	WNW	2.6	ENE	1.3	NNW	1.5	—	0.0	NW	4.6	—	0.0	1.7	2.8
17	7.0	–2.8	2.1	9.8	NW	3.6	—	0.0	NW	4.8	WNW	5.7	NNW	4.2	SSE	1.3	3.3	3.8
18	10.6	–4.8	2.9	15.4	—	0.0	—	0.0	—	0.4	S	3.8	SSE	5.0	ESE	2.2	1.9	2.4
19	12.8	–3.4	4.7	**16.2**	—	0.2	—	0.0	NNW	0.9	SSE	4.6	SSE	5.2	SSE	2.0	2.2	2.4
20	10.1	–0.2	5.0	10.3	S	2.0	N	3.0	W	5.2	WSW	12.9	—	0.4	NW	3.2	4.5	4.1
21	6.3	–0.4	3.0	6.7	—	0.0	ESE	1.3	NNW	1.5	SW	5.4	NE	3.0	WNW	3.2	2.4	2.7
22	8.2	–1.6	3.3	9.8	NW	6.7	WNW	5.4	NW	7.8	NNW	7.3	N	1.5	—	0.2	4.8	4.3
23	12.4	–3.8	4.3	**16.2**	—	0.0	—	0.2	ENE	1.7	W	3.2	W	3.6	—	0.0	1.5	1.9
24	10.8	0.0	5.4	10.8	SSW	1.3	SE	1.5	NNE	3.4	WNW	9.1	NW	6.1	NNW	1.7	3.9	3.4
25	10.9	–1.2	4.9	12.1	NNW	5.9	NE	1.5	WNW	2.8	WSW	9.3	WNW	1.3	NNW	4.6	4.2	5.0
26	12.5	–0.5	6.0	13.0	NNW	7.4	N	2.2	NNW	2.2	SE	3.2	SSE	7.6	SSE	4.4	4.5	4.6
27	**16.9**	4.0	10.5	12.9	SSE	4.2	SSE	8.0	S	8.4	WSW	5.2	WSW	8.9	—	0.0	5.8	5.0
28	9.6	0.2	4.9	9.4	—	0.2	N	2.8	NNW	3.8	NNW	5.7	NNW	5.2	—	0.4	3.0	3.4
29	4.1	0.0	2.1	4.1	NNW	5.2	NNW	6.3	NW	0.9	NNW	9.1	NNW	4.2	NNW	2.8	4.8	4.4
30	11.4	2.2	6.8	9.2	NNW	4.8	NW	5.4	SSE	3.0	NNW	1.7	WNW	2.6	S	2.9	3.4	4.1
31	13.8	0.8	7.3	13.0	SE	0.7	—	0.0	—	0.0	—	0.2	—	0.0	E	1.1	0.3	0.8
Mean	7.3	–2.0	2.7	9.3		2.9		3.0		3.8		5.2		4.1		2.7	3.6	3.6

MARCH, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	U	M	L	U	M	L	U	M	L	U	M	L	U	M	L	U	M	L
1	6.5	5.7	6.8	7.8	8.2	8.4	7.2	0	8	9	10	10	10	7.8	—	—	—	—	—	sc	—	—	sc	—	—	sc	—	—	st	—	—	st
2	8.7	8.9	9.5	7.5	6.4	5.7	7.8	10	10	10	10	10	10	10.0	—	—	ns	—	—	st	—	—	ns	—	—	sc	—	—	sc	—	—	sc
3	5.1	4.4	5.0	5.9	4.6	4.3	4.9	10	2	6	7	10	0	5.8	—	—	st	—	—	sc	cs	—	cu	—	—sc,cu		—	as	—	cs	—	—
4	3.8	3.8	3.8	3.6	4.8	4.9	4.1	0	4	10	10	10	10	7.3	—	—	—	cs,cs—		sc	—	as	—	—	as	—	—	—	st	—	—	ns
5	4.8	4.2	4.0	3.9	4.0	3.7	4.1	10	10	10	10	10	10	10.0	—	—	ns	—	—	st	—	ac	sc	cs	—sc,st		—	—	ns	—	—	ns
6	3.7	**3.0**	3.3	3.4	3.7	4.6	3.6	6	4	0	7	9	1	4.5	—	—	sc	—	—	sc	—	—	cu	cs,ci—		cu	—	—	sc	sc	—	—
7	4.0	3.8	4.4	5.7	5.4	4.9	4.7	10	10	10	10	10	10	10.0	—	as	—	—	as	—	—	—	ns	—	—	ns	—	—	ns	—	—	ns
8	4.2	4.3	4.7	4.9	4.5	4.0	4.4	10	10	10	5	7	0	7.0	—	—	st	—	—sc,st		—	—	ns	—	—	sc	—	—	sc	—	—	—
9	3.7	3.6	4.1	4.6	5.7	6.4	4.7	0	1	0	10	10	10	5.2	—	—	—	—	—	sc	cc,ci—		—	cs	—	cu	—	as	—	—	—	ns
10	4.5	3.7	4.6	5.4	4.6	4.5	4.6	1	2	3	4	10	10	5.0	—	—	sc	—	—	cu	—	—	sc	—	—st,cu		cs	ac	sc	cs	—	—
11	4.2	4.4	4.7	5.6	5.6	5.9	5.1	10	10	10	10	10	10	10.0	—	—	sc	—	as	—	—	as	—	—	—	ns	—	—	ns	—	—	ns
12	6.0	6.1	6.4	7.3	4.9	5.1	6.0	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
13	3.6	**3.0**	4.0	4.1	4.5	4.0	3.9	0	2	6	3	10	10	5.2	—	—	st	—	—	sc	—	—st,sc		—	—st,cu		—	—	ns	—	—	ns
14	3.7	4.0	4.6	4.9	5.1	5.5	4.6	10	10	10	6	6	0	7.0	—	—	st	—	—	ns	—	—	ns	—	—sc,cu		—	—	sc	—	—	cu
15	4.5	3.8	5.0	6.6	4.9	4.5	4.9	0	0	10	10	1	10	5.2	—	—	sc	—	—	—	ci	—	sc	—	—	ns	—	—st,cu		—	—	st
16	3.9	4.8	5.1	5.9	3.9	5.7	4.9	10	8	10	9	5	10	8.7	—	—	sc	—	—cu,st		—	—	ns	—	—sc,ns		—	—	sc	—	—	ns
17	3.8	4.0	5.3	4.9	4.2	4.5	4.5	4	10	8	3	0	0	4.2	—	—	sc	—	—st,sc		—	—ns,sc		—	—	cu	—	—	—	—	—	—
18	4.4	4.2	4.7	5.0	6.4	5.7	5.1	0	0	2	9	10	8	4.8	—	—	—	—	—	—	ci	—	—	ci	—	—	ci,cs—		—	ci	—	—
19	5.2	4.6	6.6	7.5	10.9	11.3	7.7	0	3	10	10	10	10	7.2	—	—	—	ci	—	—	cs	—	—	—	as	—	—	—	sc	—	—	st
20	10.0	6.9	6.3	7.2	5.8	5.9	7.0	10	10	7	9	9	0	7.5	—	—	sc	—	as	sc	cs	—	sc	—	—sc,ns		—	—	sc	—	—	cu
21	5.9	6.0	6.1	5.5	5.4	5.8	5.8	10	10	10	9	10	10	9.8	—	—	ns	—	—	ns	—	—	ns	cs	—sc,st		—	—	ns	—	—	ns
22	5.1	4.6	5.3	5.7	6.1	5.4	5.4	10	7	7	7	4	1	6.0	—	—	ns	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
23	4.5	4.7	5.7	6.8	6.9	6.1	5.8	0	3	3	4	2	1	2.2	—	—	—	—	—	sc	—	—cu,sc		ci	—	cu	—	—	sc	—	—	sc
24	6.0	6.6	8.6	6.3	3.8	4.6	6.0	10	8	10	6	2	10	7·7	—	—	ns	—	—	ns	—	–ns,sc,cu		—	–st,cu,sc		—	—	cu	—	—	sc
25	4.4	4.3	4.6	5.4	7.9	5.7	5.4	0	0	3	6	10	0	3.2	—	—	cu	—	ac	cu	cs	—	cu	cs	—	sc	—	—	ns	—	—	—
26	5.3	4.7	3.6	5.0	5.6	6.8	5.2	10	0	0	0	10	10	5.5	cs	—	—	ci	—	—	—	—	—	—	—	—	—	as	—	—	—	st
27	7.3	7.8	10.5	**12.0**	11.4	11.5	10.1	3	9	9	10	10	10	8.5	—	—	sc	cs	—	sc	—	—	sc	—	—	sc	—	—sc,ns		—	—	ns
28	9.2	8.8	7.8	7.4	6.2	6.1	7.6	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
29	6.1	6.0	6.3	5.7	5.6	5.8	5.9	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	sc	cs	—	sc
30	5.6	5.0	5.9	6.9	7.3	7.6	6.4	10	3	1	0	1	5	3.3	cs	—	sc	—	—	sc	cs	—	cu	—	—	cu	cs	—	sc	—	—	sc
31	6.8	6.4	7.7	8.0	9.4	8.0	7.7	0	10	10	10	7	0	6.2	—	—	—	—	as	—	—	as	—	—	as	—	—	ac	—	—	—	—
	5.3	5.0	5.6	6.0	5.9	5.9	5.6	5.9	6.4	7.2	7.5	7.8	6.6	6.9																		

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	3.2	201	(1.3)	0.6	89	93	69	75	86	89	84	—	—	—	—	—	—	—	0	
2	—	85	(2.3)	1.6	96	96	97	74	72	73	85	0.9	0.5	1.6	0.1	—	—	3.1	●	0,↙,●
3	7.6	322	3.0	1.4	70	69	62	58	72	76	68	—	0.0	—	—	—	—	0.0	✳,0	0,⊟,↙
4	0.7	192	(0.9)	0.2	73	73	63	57	85	98	75	—	—	—	—	—	1.5	1.5	⊟,0	✳,0,⊟,≡,⊠
5	4.3	299	(2.2)	1.3	98	87	75	65	82	79	81	1.9	0.6	0.1	—	0.0	0.0	2.6	⊟,✳	✳,⊟,≡,⊠
6	8.2	393	2.8	1.4	95	94	50	44	60	88	72	0.1	—	—	—	—	—	0.1	⊟,0,⊠	0,⊟,⊠
7	—	77	(0.5)	0.6	80	81	83	100	98	96	90	—	—	0.0	0.8	4.6	0.9	6.3	⊟,0,✳,⊠	✳,⊟,⊠
8	6.3	388	(2.9)	1.5	94	98	70	60	69	75	78	0.0	—	0.1	0.1	—	—	0.2	⊟,✳	0,⊟,⊠,✳
9	8.7	382	(3.0)	1.6	91	95	63	52	74	93	78	—	—	—	—	—	0.0	0.0	⊟,0 ☁	0,●
10	9.1	432	2.6	1.3	72	67	60	65	72	86	70	0.2	—	—	—	—	—	0.2	⊟,0,●	⊟,↙
11	—	64	(0.0)	0.5	84	92	83	96	97	100	92	—	—	—	2.0	7.0	**8.5**	17.5	⊟,☁,≡,✳,⊠	✳,⊟,●,⊠
12	1.8	252	(1.6)	0.9	100	84	71	87	69	84	83	0.4	0.1	0.0	1.1	0.3	0.0	1.9	●,⊠	●,✳,⊟,↙,⊠
13	5.7	389	(2.0)	0.8	68	60	62	64	83	80	70	0.0	—	0.2	0.4	0.0	0.0	0.6	⊟,✳,↙	✳,⊟,≡,⊠
14	5.4	348	2.4	1.1	83	96	79	65	74	96	82	0.0	0.5	0.1	0.0	—	0.0	0.6	⊟,✳,⊠	✳,⊟
15	4.4	278	(1.3)	0.7	96	98	62	85	77	74	82	—	—	—	0.0	0.9	—	0.9	⊟,⊔,☁	●,⊟,✳
16	2.3	257	(1.9)	1.3	74	98	75	80	58	100	81	—	0.1	0.1	0.8	0.0	0.2	1.2	⊟,⊔,✳,≡,⊠	✳,≡,⊠,⊟,↙
17	8.3	428	3.1	1.7	67	77	73	53	60	81	69	0.3	0.0	0.0	—	—	—	0.3	⊟,0,✳,⊠	0,⊟
12	9.9	438	3.0	1.3	96	95	62	41	73	88	76	—	—	—	—	—	—	—	⊟,⊔,☁,0	0
19	4.7	—	(2.6)	1.3	94	98	72	52	87	93	83	—	—	—	—	—	—	—	⊟,⊔,☁	☁
20	5.1	328	(1.1)	0.8	95	81	54	73	75	93	79	—	0.2	—	0.0	—	—	0.2	●,↙	●,⊟,↙
21	3.1	265	(1.6)	0.9	93	98	81	60	77	94	84	0.0	1.0	0.0	0.4	0.0	1.0	2.4	⊟,✳,≡,⊠	✳,⊟,≡,⊠
22	6.0	383	2.9	1.2	76	67	60	58	73	93	71	0.5	0.1	—	—	—	—	0.6	⊟,0,✳,⊠	0,⊟
23	9.9	451	(2.8)	1.1	90	100	52	49	76	95	77	—	—	—	—	—	—	—	⊟,⊔,0	0
24	7.1	394	3.7	1.8	91	97	90	60	51	66	76	0.0	1.6	0.6	—	—	—	2.2	⊟,●	0,↙
25	10.4	468	(4.1)	1.8	65	72	45	42	81	70	63	—	—	—	—	0.1	0.7	0.8	⊟,0	0,●,↙
26	9.4	475	4.1	2.1	77	79	39	**37**	57	75	61	—	—	—	—	—	—	—	⊟,0,↙	0
27	0.6	158	(1.7)	1.1	80	85	72	69	74	96	79	—	—	—	0.0	—	0.8	0.8	☁,●	●
28	—	41	(0.0)	0.0	87	87	94	95	98	98	93	0.1	0.1	5.5	7.3	8.3	6.5	**27.8**	●	☁,✳,≡,⊠
29	1.2	270	(2.3)	1.2	98	96	98	73	75	90	88	5.1	4.3	1.2	0.8	0.1	—	11.5	✳,☁,●,⊠	●,⊟,⊠
30	11.2	458	3.1	0.9	78	68	58	56	71	81	69	—	—	—	—	—	—	—	0,⊠	0
31	2.2	265	2.5	1.0	95	97	72	55	73	91	81	—	—	—	—	—	—	—	—	—
	156.8	9181	69.3	35.0	85	87	69	65	75	87	78	9.5	9.1	9.5	13.8	21.3	20.1	83.3		

APRIL, 1954.

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	8.7	8.3	8.2	6.9	9.1	9.0	8.4	16.7	16.3	15.6	14.4	16.7	16.8	16.1	1.7	1.3	16.1	18.1	12.5	6.9	9.4
2	8.2	7.6	5.9	3.0	4.2	6.1	5.8	16.0	15.4	13.3	10.4	11.7	13.9	13.5	4.3	3.1	15.6	20.1	11.9	7.1	10.4
3	7.2	8.0	9.2	8.0	9.6	12.0	9.0	14.9	15.7	17.0	15.6	17.5	19.9	16.8	7.9	6.4	9.7	10.3	6.3	5.2	7.6
4	13.5	15.6	16.4	15.4	16.8	19.9	16.3	21.3	23.6	24.2	23.2	24.7	27.9	24.2	3.0	2.4	9.3	11.8	6.2	1.9	5.8
5	19.0	**19.9**	18.6	15.6	14.8	14.4	17.1	27.2	**27.9**	26.4	23.2	22.5	22.1	24.9	–2.0	–1.7	10.8	15.2	10.8	9.6	7.1
6	11.0	9.2	8.0	6.1	4.7	4.3	7.2	18.8	17.0	15.6	13.9	12.4	11.9	14.9	8.7	9.0	14.1	12.3	11.1	10.7	11.0
7	2.6	3.9	5.0	3.0	2.5	5.6	3.8	10.4	11.6	12.6	10.4	10.0	13.2	11.4	10.5	10.5	15.9	19.5	17.1	13.7	14.5
8	5.0	5.7	5.3	4.7	5.2	7.4	5.6	12.7	13.5	12.8	12.2	13.0	15.2	13.2	11.8	10.9	14.4	15.4	9.7	6.4	11.4
9	6.3	7.4	9.2	7.9	9.7	11.7	8.7	14.1	15.3	17.0	15.6	17.6	19.6	16.5	5.5	5.3	9.5	11.2	6.1	3.5	6.9
10	11.9	12.3	11.6	10.0	9.9	11.3	11.2	19.9	20.3	19.3	17.6	17.5	19.3	19.0	0.3	0.3	10.3	13.5	10.1	3.2	6.3
11	10.8	11.0	10.6	7.4	8.0	8.7	9.4	18.8	19.0	18.3	14.9	15.6	16.4	17.2	–0.1	0.1	11.6	19.6	15.3	8.2	9.1
12	7.2	6.9	4.6	999.4	996.2	994.9	1.5	15.0	14.8	12.3	7.0	3.9	2.6	9.3	6.8	7.1	7.6	8.8	8.1	7.0	7.6
13	993.6	994.0	995.0	995.0	997.3	998.5	995.6	1.2	1.7	2.6	2.6	5.1	6.3	3.3	6.7	6.2	9.1	7.5	5.1	4.3	6.5
14	998.4	0.0	0.7	0.4	2.3	3.7	0.9	6.1	7.9	8.4	8.0	9.9	11.4	8.6	3.9	3.9	7.3	12.5	9.1	8.1	7.5
15	3.9	6.8	8.3	9.1	10.5	13.5	8.7	11.6	14.5	15.9	16.8	18.3	21.2	16.4	7.2	6.8	9.8	11.0	6.9	5.9	7.9
16	14.3	15.0	15.0	12.2	11.7	13.0	13.5	22.3	23.0	22.6	19.6	19.4	20.8	21.3	0.1	3.2	11.5	16.5	11.7	6.0	8.2
17	12.2	12.3	11.2	7.4	7.4	6.0	9.4	20.0	20.2	18.8	14.8	14.9	13.5	17.0	3.1	3.1	14.9	22.4	16.5	15.9	12.7
18	2.0	997.5	994.5	989.1	**988.4**	990.4	993.7	9.5	5.0	2.4	996.4	**995.7**	997.7	1.1	15.4	16.0	16.4	16.2	16.1	14.9	15.8
19	992.0	993.2	991.7	994.3	995.9	0.3	994.6	999.4	0.8	999.2	1.9	3.4	8.0	2.1	12.9	11.8	14.1	12.4	8.9	9.3	11.6
20	1.1	1.1	1.2	2.5	3.9	6.9	2.8	8.8	8.8	8.8	10.3	11.6	14.8	10.5	7.3	6.7	11.8	8.6	7.1	4.1	7.6
21	8.0	9.0	10.8	10.8	13.7	16.7	11.5	15.9	16.8	18.5	18.5	21.6	24.7	19.3	2.1	3.0	7.2	12.3	8.4	2.8	6.0
22	18.3	19.7	19.2	17.2	16.8	17.9	18.2	26.4	27.9	27.0	24.8	24.6	25.7	26.1	–0.7	–0.1	9.9	14.4	11.6	9.6	7.5
23	17.7	18.4	18.5	16.0	16.4	17.5	17.4	25.6	26.3	26.1	24.8	24.0	25.3	25.4	6.1	6.3	15.4	21.2	15.8	8.5	12.2
24	16.8	17.6	15.0	13.0	11.3	10.9	14.1	24.8	25.5	22.6	20.4	18.9	18.5	21.8	3.6	5.0	16.5	16.2	14.1	12.6	11.3
25	9.6	8.4	8.0	5.2	5.6	6.9	7.3	17.2	16.0	15.6	12.7	13.2	14.5	14.9	12.7	12.9	13.3	16.2	15.3	13.6	14.0
26	7.0	8.2	7.9	6.4	4.7	6.1	6.7	14.6	15.7	15.4	14.0	12.4	13.9	14.3	13.0	12.4	15.5	14.3	11.9	9.6	12.8
27	5.0	8.0	10.5	9.9	11.2	13.5	9.7	12.6	15.7	18.3	17.5	18.9	21.3	17.4	9.1	6.8	8.3	10.9	7.7	6.2	8.2
28	14.6	16.3	14.9	11.6	11.0	11.3	13.3	22.6	24.3	22.6	19.2	18.8	19.2	21.1	2.3	1.8	11.3	15.8	10.1	8.7	8.3
29	11.4	11.2	9.9	6.3	6.3	5.2	8.4	19.3	19.2	17.3	13.6	13.7	12.8	16.0	3.9	4.5	17.5	22.7	15.3	12.3	12.7
30	2.5	999.9	999.9	0.8	4.2	7.9	2.5	10.1	7.4	7.6	8.3	11.7	15.7	10.1	9.9	9.4	10.2	13.9	11.2	6.5	10.2
Mean	8.0	8.4	8.2	6.5	7.0	8.4	7.7	15.8	16.2	15.8	14.1	14.6	16.1	15.4	5.9	5.8	12.2	14.7	10.9	8.1	9.6

Day	AIR TEMPERATURE °C				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND												Mean	
	Max.	Min.	Mean	Range	2		6		10		14		18		22		6 obs.	24 h.
1	19.2	0.6	9.9	18.6	—	0.4	NNE	0.7	WSW	2.0	WSW	5.9	N	3.6	WSW	2.0	2.4	2.6
2	20.4	2.8	11.6	17.6	—	0.4	—	0.0	SSE	2.4	W	5.4	WSW	3.2	NW	1.3	2.1	2.4
3	12.0	3.7	7.9	8.3	NE	2.6	NNW	5.0	NNW	3.2	WNW	2.8	NNW	3.0	NNW	3.8	3.4	3.3
4	12.2	–1.3	5.5	13.5	NE	5.7	—	0.4	NW	6.9	W	8.7	WNW	4.4	NE	3.0	4.9	4.3
5	15.8	**–3.4**	6.2	19.2	—	0.0	—	0.0	—	0.2	S	9.1	SSE	7.8	—	0.0	2.9	3.4
6	14.6	8.3	11.5	6.3	WSW	2.0	—	0.2	S	1.3	SE	4.6	S	2.6	W	2.4	2.2	2.1
7	20.9	10.4	15.7	10.5	NW	3.0	NNW	3.8	NNE	1.5	WSW	5.2	SSE	3.2	E	1.5	3.0	2.2
8	16.0	6.0	11.0	10.0	NNE	2.2	NNW	5.9	NW	6.1	NW	6.5	NNW	4.2	NW	6.7	5.3	5.0
9	12.0	2.1	7.1	9.9	NNW	6.5	NNW	7.3	WNW	11.5	WNW	11.7	WNW	9.1	NW	3.6	8.3	7.9
10	14.7	–1.4	6.7	16.1	—	0.4	E	1.5	NW	4.6	WNW	4.2	NNW	3.4	—	0.0	2.4	2.8
11	21.2	–1.8	9.7	**23.0**	NW	2.0	NNW	0.9	WNW	0.7	SE	2.4	NNW	1.3	W	2.0	1.6	1.8
12	9.0	5.7	7.4	3.3	W	1.3	NNW	1.5	N	1.3	NNW	4.4	WNW	1.5	NNW	8.4	3.1	3.5
13	9.8	4.1	7.0	5.7	NNW	12.4	NNW	12.9	NNW	12.0	NNW	12.7	NNW	9.6	NNW	8.2	11.3	11.2
14	13.0	3.5	8.3	9.5	NNW	8.0	NNW	6.7	NNW	6.5	N	2.8	NNW	3.4	NNE	2.4	5.0	5.4
15	11.6	3.8	7.7	7.8	—	0.0	NNW	5.5	NNW	6.9	NW	8.4	NNW	7.8	NNW	6.5	5.9	6.2
16	17.6	0.0	8.8	17.6	NE	0.9	N	4.2	N	1.5	SE	1.7	SSE	9.6	S	1.3	3.2	2.8
17	**23.4**	1.2	12.3	22.2	NNW	0.7	—	0.0	—	0.4	SSE	6.5	SE	5.9	S	4.0	2.9	3.2
18	16.7	13.5	15.1	**3.2**	SSE	7.3	SSE	7.3	SSE	14.7	SSE	8.5	SSE	5.2	SSE	2.0	7.5	7.4
19	16.4	7.1	11.8	9.3	SE	1.5	NNE	2.6	WNW	1.5	WSW	**17.9**	WSW	6.3	WSW	9.4	6.5	7.0
20	12.2	3.4	7.8	8.8	W	2.6	W	3.8	WSW	6.1	NW	8.5	—	0.0	E	2.8	4.0	4.1
21	12.5	0.7	6.6	11.8	—	0.4	SSE	5.0	S	6.1	W	11.0	W	6.5	SE	4.2	5.5	3.8
22	14.6	–1.6	6.5	16.2	—	0.4	E	0.9	E	0.9	SSE	9.4	SSE	8.4	SSE	4.0	4.0	4.1
23	22.4	5.7	14.1	16.7	WNW	1.5	NW	0.7	—	0.4	SE	2.8	SSE	5.9	SSE	3.4	2.5	2.5
24	17.8	1.6	9.7	16.2	W	1.1	WNW	0.7	SSE	4.4	SE	4.6	SSE	3.8	SSE	3.6	3.0	2.7
25	17.3	12.6	15.0	4.7	SSE	4.6	SE	2.8	SSE	5.9	SSE	8.0	—	0.4	NNE	1.7	3.9	3.4
26	17.0	8.9	13.0	8.1	NW	2.2	W	1.5	S	5.0	S	5.7	SSE	2.6	NNW	2.4	3.2	2.9
27	12.2	4.7	8.5	7.5	N	5.0	WNW	5.4	NW	4.0	WNW	8.7	WNW	6.7	N	6.7	6.1	5.7
28	16.2	–0.8	7.7	17.0	—	0.2	W	0.9	ENE	2.2	SSE	5.4	SSE	5.5	S	5.5	3.3	3.5
29	22.8	2.2	12.5	20.6	N	1.3	—	0.0	SSE	4.2	WSW	11.0	WSW	4.8	N	0.7	3.7	3.5
30	15.0	4.9	10.0	10.1	ESE	1.1	WNW	1.3	NNW	1.5	—	0.4	WNW	5.0	ESE	1.1	1.7	2.0
Mean	15.9	3.6	9.7	12.3		2.6		3.0		4.2		6.8		4.8		3.5	4.2	4.1

APRIL, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	U	M	L	U	M	L	U	M	L	U	M	L	U	M	L	U	M	L
1	6.6	6.5	7.6	9.8	10.5	9.1	8.4	1	0	0	4	1	0	1.0	—	—	sc	—	—	cu	ci	—	sc	ci	—	sc	—	—	sc	—	—	—
2	7.9	7.4	9.8	8.8	9.4	8.5	8.6	10	6	0	1	0	0	2.8	cs	—	—	cc	—	—	—	—	—	ci	—	cu	—	—	cu	—	—	—
3	8.5	7.5	7.5	6.6	6.5	5.0	6.9	10	10	10	8	6	2	7.7	—	—	sc	cs,ci	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
4	5.2	5.3	5.7	5.3	4.7	**4.2**	5.1	0	2	1	0	0	0	0.5	—	—	—	ci	—	sc	—	—sc,cu		—	—	—	—	—	—	—	—	—
5	4.6	4.6	7.3	9.1	9.5	9.5	7.4	0	0	3	9	8	10	5.0	—	—	—	—	—	cu	—	—	cu	ci	—	cu	ci	—	cu	—	as	—
6	9.8	10.3	12.9	13.0	12.6	12.6	11.9	10	10	10	10	10	10	10.0	—	as	—	—	as	—	—	as	sc	—	—	ns	—	—	ns	—	—	ns
7	12.5	12.5	14.2	14.6	16.2	15.0	14.2	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	sc	—	—	sc	cs	—	sc	—	—	ns
8	12.1	11.4	11.0	10.4	8.1	7.0	10.0	10	9	2	6	10	2	6.5	—	—	st	—	—	sc	—	—sc,cu		—	acsc,cu		—	ac	sc	—	—sc,cu	
9	6.8	6.0	6.6	6.1	5.7	5.4	6.1	7	2	2	0	0	0	1.8	—	—	sc	—	—	cu	—	—	cu	—	—	cu	—	—	sc	—	—	sc
10	5.3	5.4	7.1	6.6	6.7	6.6	6.3	0	4	4	3	1	0	2.0	—	—	—	ci	—	sc	—	acsc,cu		cs	—	cu	—	ac	—	—	—	—
11	5.6	5.7	8.5	9.4	9.2	9.4	8.0	0	4	10	1	6	0	3.5	—	—	—	—	ac	sc	cs	—	—	ci	—	cu	ci	—	—	ci	—	—
12	8.7	8.0	9.9	11.0	10.5	8.8	9.5	3	10	10	10	10	10	8.8	—	ac	—	—	as	—	—	—	ns	—	—	ns	—	—	ns	—	—	st
13	7.6	7.1	8.0	7.6	6.9	6.4	7.3	10	10	10	10	10	10	10.0	—	—	st	—	as	sc	—	—	sc	—	—	sc	—	as	—	—	as	—
14	6.0	6.2	6.7	7.7	8.5	8.3	7.2	10	10	10	10	10	10	10.0	—	as	—	—	as	—	—	as	sc	cs	—	sc	—	as	sc	—	—	sc
15	7.6	7.1	8.1	8.6	7.5	7.1	7.7	10	1	10	6	6	0	5.5	—	—	sc	—	—	cu	cs	—	sc	cs	ac	sc	—	—	sc	—	—	cu
16	5.8	6.5	7.7	7.8	9.2	8.3	7.6	2	4	0	2	10	0	3.0	cs	—	—	—	ac	—	—	—	—	cc	—	—	cs	—	—	ci	—	—
17	7.4	7.4	9.4	13.0	15.5	15.7	11.4	0	10	9	8	10	10	7.8	—	—	—	cs	—	—	ci,cs	—	—	cc,ci,cs	—	—	cs,cc	—	—	—	as	—
18	16.4	17.5	17.7	**17.9**	17.7	13.7	16.8	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—ns,sc		—	—	sc
19	10.8	10.7	12.8	8.5	7.8	6.5	9.5	2	4	10	2	10	10	6.3	—	—	sc	—	—	sc	—	—sc,ns		—	—	sc	cs	—sc,ns		—	—	sc
20	7.6	8.2	7.2	7.8	7.3	7.3	7.6	10	10	9	10	10	8	9.5	—	—	sc	cs	ac	sc	—	—sc,st		ci	—sc,cu		cs	—st,sc		—	—sc,st	
21	6.5	6.0	8.2	7.0	5.8	5.5	6.5	0	10	2	7	0	0	3.2	—	—	cu	—	—ns,sc		—	—	sc	—	—sc,cu		—	—	cu	—	—	—
22	5.3	5.8	7.7	10.7	11.0	10.8	8.6	10	10	10	10	5	7	8.7	cs	—	—	cs	—	—	cs	—	sc	cs	—	sc	—	ac	sc	—	—	sc
23	8.5	8.8	9.9	7.5	10.5	9.1	9.1	10	4	0	0	0	0	2.3	—	—	sc	—	—	sc	—	—	—	ci	—	—	—	—	—	—	—	—
24	7.5	8.0	11.2	14.0	14.1	13.8	11.4	0	10	10	10	10	10	8.3	—	—	—	ci,cs	—	sc	—	—	sc	cs	—	sc	cs	—	sc	—	—	st
25	14.0	13.9	14.3	15.0	15.6	13.6	14.4	10	10	10	10	10	10	10.0	—	ac	st	—	—	st	—	—	ns	cs	—	sc	—	—	sc	—	—	sc
26	13.4	13.6	14.5	13.0	13.6	10.4	13.1	10	10	10	10	10	10	10.0	—	—	sc	cs	—	sc	—	—sc,st		—	—	ns	—	—	ns	—	—	ns
27	9.4	6.8	7.2	5.9	6.0	6.0	6.9	10	10	10	10	10	10	10.0	—	—	st	—	as	—	—	as	—	—	as	cu	cs,cc	—	cu	—	—	st
28	5.6	6.1	6.4	9.4	8.9	9.6	7.7	0	1	0	4	8	3	2.7	—	—	sc	cc	—	—	—	—	cu	—	—	sc	cs	—	sc	—	—	sc
29	7.6	8.2	10.0	7.8	10.7	11.3	9.3	0	3	10	9	10	10	7.0	—	—	—	cs	—	—	cs	—	—	cs,ci	—	cu	—	as	—	—	as	—
30	11.0	11.1	11.1	10.4	8.7	8.5	10.1	10	10	10	10	10	0	8.3	—	as	—	—	—	ns	—	—	st	—	as	cu	cs	—	sc	—	—	—
	8.4	8.3	9.5	9.7	9.8	9.1	9.1	5.8	6.8	6.7	6.7	7.0	5.4	6.4																		

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	10.8	493	4.8	1.6	95	96	42	47	72	92	74	—	—	—	—	—	—	—	☰,⊔,○	○,≈,◭
2	10.9	481	5.1	1.8	95	97	55	37	67	84	73	—	—	—	—	—	—	—	◭,≈,○	○,≈
3	2.9	304	3.8	2.0	79	78	63	53	68	57	66	—	—	—	—	—	—	—	○,≈	○
4	10.5	532	4.4	1.7	69	73	49	38	50	59	56	—	—	—	—	—	—	—	◭,○	○
5	10.6	492	3.9	1.4	88	86	56	53	74	80	73	—	—	—	—	—	—	—	☰,⊔,○,≈	≈
6	—	102	(1.3)	0.5	87	90	80	91	95	98	90	—	—	—	0.9	4.1	0.9	5.9	=,●	☽,●
7	3.7	379	(4.2)	1.2	99	99	79	64	83	96	87	0.3	0.3	—	—	—	1.7	2.3	●,○	○,●
8	5.7	453	5.7	2.6	88	87	67	59	67	73	74	0.7	—	—	—	—	—	0.7	●,≈,○	○
9	10.5	546	5.2	2.0	75	68	56	45	61	68	62	—	—	—	—	—	—	—	○,↙	○,↙
10	9.7	516	4.4	1.7	84	86	57	43	54	86	68	—	—	—	—	—	—	—	☰,⊔,○	○,≈,◭,⊕
11	11.1	493	(3.9)	1.6	93	93	62	41	53	86	71	—	—	—	—	—	—	—	☰,⊔,≈	≈,◭
12	—	40	(3.7)	1.4	88	79	95	98	97	88	91	—	—	5.0	14.3	**20.5**	1.7	**41.5**	◭,●	●,↙
13	0.6	294	(3.4)	1.8	77	74	69	73	79	76	75	—	—	—	0.8	—	0.2	1.0	○,●,↙	●,○,≈,↙
14	1.5	303	4.5	2.0	75	76	65	53	73	77	70	—	—	—	—	—	—	—	○	○
15	10.9	537	4.5	1.9	75	72	67	65	75	77	72	—	—	—	—	—	—	—	○,↙	○
16	9.7	514	4.8	1.6	95	85	57	41	67	89	72	—	—	—	—	—	—	—	☰,≈	
17	9.1	477	(4.5)	0.8	97	97	56	48	83	87	78	—	—	—	—	—	—	—	=,◭,≈	≈
18	—	52	(2.0)	0.6	94	96	95	97	97	81	93	0.0	1.3	4.0	5.7	2.3	0.1	13.4	●,↙	●,↙
19	7.0	406	(4.9)	1.9	73	77	79	59	68	56	69	—	—	0.2	0.1	0.1	—	0.4	●,↙	●,↙
20	5.9	392	(2.4)	1.0	74	83	52	69	73	89	73	—	—	0.1	—	—	0.3	0.4	◭,●,↙	●
21	6.3	374	3.3	1.2	92	80	80	49	53	73	71	0.1	—	2.0	—	—	—	2.1	☰,⊔,⛆,≋,●	○,↙
22	5.7	380	4.0	1.4	93	96	63	65	81	90	81	—	—	—	—	—	—	—	☰,☰,⊔,≈	≈,◭
23	11.5	566	5.9	2.0	90	92	56	30	59	82	68	—	—	—	—	—	—	—	◭,≈,○	○,≈
24	3.9	339	(2.2)	0.8	96	91	60	76	88	95	84	—	—	—	0.0	0.4	—	0.4	◭,☽	☽
25	0.4	152	(1.4)	0.6	96	93	94	82	90	87	90	—	—	0.5	0.7	0.1	—	1.3	●	≈,●
26	0.1	177	(1.2)	1.1	89	95	82	80	98	87	89	—	—	—	—	7.4	3.2	10.6		●
27	3.3	264	4.5	2.2	82	69	65	45	57	64	64	1.4	—	—	—	—	—	1.4	↙	○
28	10.1	536	4.5	1.6	77	88	48	53	72	85	71	—	—	—	—	—	—	—	☰,⊔,○	≈,◭,↙
29	10.4	474	(4.5)	2.1	94	97	50	28	62	79	68	—	—	—	—	—	—	—	◭,=,○,≈	○,≈,↙
30	0.4	169	2.2	1.0	91	94	89	66	66	88	82	—	0.3	3.1	0.0	—	—	3.4	●	≈
	183.2	11237	126.1	45.1	86	86	66	58	73	81	75	2.5	1.9	14.9	22.5	34.9	8.1	84.8		

MAY, 1954.

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	9.0	10.8	9.2	7.0	5.5	3.7	7.5	16.8	18.8	16.8	14.6	13.1	11.2	15.2	3.4	3.9	13.2	14.7	13.9	13.9	10.5
2	0.4	999.7	998.0	0.0	3.3	7.2	1.4	8.0	7.2	5.5	7.4	10.8	14.9	9.0	13.6	12.4	15.9	19.8	14.1	9.8	14.3
3	7.6	8.0	7.6	5.2	1.0	995.4	4.1	15.3	15.7	15.2	12.8	8.6	2.9	11.8	8.1	8.6	12.9	12.6	11.0	10.8	10.7
4	992.2	993.1	993.5	993.3	996.3	999.2	994.6	999.7	0.7	1.0	1.0	3.9	6.8	2.2	10.7	10.7	13.0	12.6	12.5	10.2	11.6
5	5.2	10.1	12.6	13.2	14.5	15.9	11.9	13.0	17.9	20.2	20.8	22.3	23.7	19.7	7.4	9.4	14.1	17.1	12.3	7.2	11.3
6	13.9	13.1	11.9	8.6	6.8	7.0	10.2	21.6	20.7	19.6	16.0	14.4	14.8	17.9	9.9	11.4	13.7	18.5	15.7	9.5	13.1
7	6.4	4.2	2.1	998.0	996.6	0.6	1.3	14.1	11.9	9.6	5.3	4.0	8.0	8.8	7.1	7.8	13.6	16.5	16.5	12.3	12.3
8	2.0	7.7	9.0	7.3	8.3	9.7	7.3	9.6	15.3	16.6	14.8	15.9	17.5	15.0	10.0	9.7	14.4	17.4	15.3	10.3	12.9
9	6.0	1.9	996.4	986.8	978.8	**975.3**	990.9	13.7	9.3	3.9	994.1	986.1	**982.6**	998.3	10.6	12.8	15.8	15.5	15.1	14.9	14.1
10	981.9	988.2	991.7	993.9	999.6	3.0	993.1	989.3	995.7	999.3	1.6	7.2	10.6	0.6	9.6	9.7	10.1	7.0	8.1	8.9	8.9
11	5.1	9.1	10.4	10.0	11.0	11.7	9.6	12.8	16.7	18.0	17.5	18.8	19.4	17.2	7.4	8.9	14.4	17.8	13.1	8.3	11.7
12	10.0	8.2	8.0	7.4	8.6	12.8	9.2	17.9	16.0	15.4	14.9	16.2	20.4	16.8	6.0	6.6	16.5	19.3	17.1	12.0	12.9
13	13.0	14.6	13.9	10.6	9.3	8.2	11.6	20.8	22.5	21.5	18.1	16.8	15.7	19.2	5.5	6.9	17.8	21.3	18.1	13.9	13.9
14	4.6	2.8	999.6	995.3	992.0	990.3	997.4	12.2	10.4	7.0	2.6	999.4	997.7	4.9	11.6	12.3	17.1	18.4	16.2	15.7	15.2
15	995.4	995.3	997.2	999.3	2.5	7.4	999.5	3.2	2.9	4.7	6.8	10.1	15.2	7.2	9.5	9.7	15.3	15.1	11.1	8.3	11.5
16	10.1	10.6	9.6	6.4	7.2	6.9	8.5	18.0	18.5	17.2	13.9	14.8	14.5	16.2	3.4	5.2	14.0	17.8	12.3	11.3	10.7
17	4.8	4.8	3.0	0.7	3.7	6.8	4.0	12.6	12.6	10.4	8.0	11.2	14.4	11.5	9.5	9.9	17.6	20.9	16.8	11.3	14.3
18	7.4	9.9	8.8	5.9	6.3	6.5	7.5	15.2	17.6	16.3	13.2	13.7	14.1	15.0	6.6	8.9	20.0	22.8	17.6	13.5	14.9
19	5.3	5.0	1.6	998.5	0.2	1.6	2.0	13.0	12.6	9.0	5.9	7.4	9.2	9.5	9.7	12.2	21.8	25.2	22.0	13.5	17.4
20	0.8	1.5	0.6	1.1	999.3	0.2	0.6	8.4	9.1	7.9	8.4	6.8	7.6	8.0	12.3	13.5	20.7	21.1	18.4	16.4	17.1
21	999.3	0.3	0.7	999.3	1.1	3.0	0.6	6.9	7.7	8.0	6.5	8.6	10.6	8.1	14.5	16.6	21.3	25.5	16.7	12.9	17.9
22	2.1	4.2	5.2	5.7	9.0	11.2	6.2	9.7	11.7	13.0	13.5	16.7	18.9	13.9	11.8	11.6	12.2	11.0	10.8	9.5	11.2
23	10.6	12.2	12.6	11.0	11.0	11.7	11.5	18.4	19.9	20.2	18.5	18.6	19.3	19.2	7.6	9.1	16.4	18.4	15.6	13.0	13.4
24	10.9	11.3	9.0	5.2	1.5	994.4	5.4	18.5	19.0	16.6	12.6	9.0	1.9	12.9	11.0	11.7	14.6	19.7	17.0	16.9	15.2
25	990.5	993.2	997.6	997.9	1.0	2.1	997.1	997.9	0.6	5.1	5.3	8.3	9.9	4.5	16.5	17.5	17.2	18.1	14.3	8.4	15.3
26	0.6	2.3	2.3	4.2	6.5	9.3	4.2	8.3	9.9	9.7	11.7	14.1	17.1	11.8	5.2	11.8	17.5	15.7	13.1	10.6	12.3
27	10.1	12.8	14.3	13.6	14.5	**16.6**	13.7	17.9	20.4	21.9	21.2	22.3	**24.4**	21.4	8.7	10.3	13.5	16.2	14.1	6.5	11.6
28	16.0	15.4	13.9	12.2	11.7	12.7	13.7	23.7	23.3	21.3	19.7	19.3	20.4	21.3	6.5	8.3	17.0	17.5	15.6	10.7	12.6
29	11.7	11.2	10.4	8.2	9.7	9.6	10.1	19.3	18.9	17.9	15.6	17.3	17.2	17.7	10.0	11.3	19.4	21.3	17.1	12.7	15.3
30	7.6	7.4	6.3	4.4	4.4	5.2	5.9	15.2	14.9	13.7	11.7	11.9	12.7	13.4	12.6	14.0	19.1	22.5	18.7	15.5	17.1
31	4.8	5.0	5.1	4.4	5.6	8.2	5.5	12.4	12.6	12.6	11.9	13.2	15.7	13.1	14.0	14.3	17.1	16.7	14.2	12.0	14.7
Mean	4.7	5.6	5.2	3.7	4.1	4.9	4.7	12.4	13.3	12.7	11.2	11.6	12.6	12.3	9.4	10.5	16.0	17.9	15.0	11.6	13.4

Day	AIR TEMPERATURE °C				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND												Mean	
	Max.	Min.	Mean	Range	2		6		10		14		18		22		6 obs.	24 h.
1	15.2	**1.2**	8.2	14.0	WSW	1.1	—	0.0	SE	4.0	SSE	7.4	S	5.0	SE	1.1	3.1	3.5
2	21.0	9.5	15.3	11.5	SSW	2.6	SSW	2.4	ESE	2.4	W	9.8	SW	4.2	NE	1.3	3.8	4.5
3	14.6	7.0	10.8	7.6	—	0.0	WSW	1.3	—	0.0	S	5.0	NW	1.1	NNW	2.2	1.6	1.6
4	15.2	7.8	11.5	7.4	—	0.2	NNE	2.2	E	2.2	NNE	2.4	SSW	6.5	SSE	5.7	3.2	2.8
5	17.5	6.0	11.8	11.5	WNW	10.1	NW	2.6	WNW	0.8	NW	5.0	W	2.0	ESE	1.3	4.8	4.5
6	20.6	7.4	14.0	13.2	S	5.0	SSE	3.2	SSE	8.0	SSE	8.9	SSE	5.7	WSW	3.2	5.7	4.5
7	19.3	6.4	12.9	12.9	W	1.1	N	2.0	NE	1.7	NNE	0.7	SSW	2.4	N	3.2	1.9	1.8
8	19.6	8.5	14.1	11.1	NNW	4.6	NNW	7.8	N	7.1	ESE	2.2	S	2.0	SSE	4.6	4.7	4.3
9	17.3	9.8	13.6	7.5	S	2.2	SSE	3.6	SSE	12.7	SSE	13.2	SSE	12.2	SSE	6.7	8.4	8.2
10	16.0	6.8	11.4	9.2	W	**15.8**	W	11.5	W	10.0	NNW	5.0	W	12.5	N	4.4	9.9	10.3
11	18.0	6.5	12.3	11.5	NNW	7.6	NW	4.0	NW	3.8	ESE	1.7	SSE	8.9	SSE	3.0	4.8	4.9
12	21.8	5.4	13.6	16.4	W	1.7	WNW	1.1	SSE	2.8	SW	6.5	N	5.0	NE	3.0	3.4	3.3
13	22.3	3.8	13.1	**18.5**	W	1.3	WNW	0.7	SE	6.3	SSE	8.4	SSE	6.9	S	2.0	4.3	4.2
14	19.1	10.9	15.0	8.2	NE	1.1	—	0.0	S	6.1	SSE	6.7	—	0.4	S	7.1	3.6	3.7
15	16.3	8.3	12.3	8.0	NW	8.4	NNW	5.5	W	11.0	W	12.0	W	7.3	NNW	2.6	7.8	7.0
16	18.6	2.0	10.3	16.6	SSE	0.7	—	0.4	SSE	2.8	SE	8.7	SSE	7.8	—	0.4	3.5	3.6
17	23.0	8.8	15.9	14.2	WNW	0.7	WNW	0.9	—	0.2	WNW	5.4	WNW	4.4	NE	1.3	2.2	2.2
18	23.0	5.5	14.3	17.5	—	0.0	—	0.4	SSE	6.5	SSE	8.9	SSE	6.7	SSE	2.0	4.1	4.0
19	25.8	9.8	17.8	16.0	NW	1.3	—	0.2	SSE	4.0	SSE	7.3	NW	2.4	SW	0.9	2.7	2.6
20	21.9	11.5	16.7	10.4	W	0.7	—	0.2	N	3.8	N	1.5	SSE	1.1	SSE	1.3	1.4	1.4
21	**26.1**	12.5	19.3	13.6	—	0.4	NNE	1.7	NNE	2.2	S	3.6	SSE	7.6	SSE	2.6	3.0	3.3
22	12.8	8.3	10.6	**4.5**	—	0.2	NNW	1.1	S	4.0	S	3.8	SSE	0.9	N	1.1	1.9	2.1
23	19.6	7.4	13.5	12.2	E	0.7	—	0.4	SSE	5.2	SSE	8.4	SSE	7.1	S	4.8	4.4	4.1
24	20.2	10.6	15.4	9.6	N	0.7	—	0.0	—	0.4	SSE	3.4	SSE	5.9	SSE	9.1	3.3	3.0
25	18.9	6.9	12.9	12.0	SSE	4.2	—	0.0	WNW	10.5	WNW	10.8	WNW	7.3	SSW	1.1	5.7	5.5
26	19.1	4.4	11.8	14.7	SSW	2.6	WNW	4.4	W	8.2	NNW	6.7	N	4.6	ENE	2.2	4.8	4.1
27	17.1	6.0	11.6	11.1	N	2.2	NNW	5.0	NW	4.2	NW	4.8	NW	5.4	SE	2.8	4.1	4.7
28	19.4	6.5	13.0	12.9	NNE	0.7	—	0.0	S	6.1	SSE	8.7	SSE	5.2	SSE	2.6	3.9	3.5
29	22.0	8.8	15.4	13.2	—	0.0	—	0.0	SSE	6.1	SSE	6.5	SSE	5.9	SSE	2.4	3.5	4.3
30	23.1	11.7	17.4	11.4	WSW	1.1	S	2.0	S	4.2	SW	3.4	SSE	5.0	—	0.0	2.6	2.8
31	18.8	11.8	15.3	7.0	ESE	0.9	N	0.9	S	0.7	S	5.7	SSE	3.8	SSW	2.0	2.3	3.2
Mean	19.5	7.7	13.6	11.8		2.6		2.1		5.0		6.2		5.3		2.8	4.0	4.0

MAY, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	U	M	L	U	M	L	U	M	L	U	M	L	U	M	L	U	M	L
1	7.3	7.6	7.7	12.7	14.7	15.2	10.9	0	10	8	10	10	10	8.0	—	—	—	cs	—	—	—	ac	—	cs	—	sc	—	—	ns	—	—	ns
2	14.9	13.5	15.2	13.3	11.8	10.4	13.2	10	10	10	10	10	0	8.3	—	—	sc	—	—	ns,sc	—	—	sc,ns	cs	—	sc	ci,cs	—	sc	—	—	cu
3	9.7	10.3	11.7	12.5	12.8	12.6	11.6	3	10	10	10	10	10	8.8	cs	—	—	—	as	—	—	as	—	—	—	ns	—	—	ns	—	—	ns
4	12.6	12.3	12.1	10.0	9.3	8.2	10.8	10	10	10	9	10	10	9.8	—	—	st	—	—	ns,sc	—	—	sc	—	—	sc	—	—	ns	—	—	ns
5	7.3	8.0	7.3	8.3	9.4	8.9	8.2	10	3	0	4	10	10	6.2	—	—	sc	—	—	sc	—	—	cu	cs,ci	—	cu	cs	—	—	—	as	—
6	10.9	11.0	10.4	13.5	13.0	9.9	11.5	10	10	10	10	2	4	7.7	—	as	—	—	as	—	—	as	—	cc	—	—	—	—	sc,cu	—	—	sc
7	9.5	10.2	12.6	12.8	13.8	12.7	11.9	7	10	10	10	8	10	9.2	—	—	st	cs	—	st	—	—	sc	cs	—	sc	—	—	cb,sc	—	—	st
8	9.8	8.1	9.2	9.5	12.0	10.9	9.9	5	4	10	10	10	3	7.0	—	—	sc	—	—	sc	cs	—	cu	cs	—	cu	ci,cs,cc	-	—	cs	—	—
9	11.7	13.0	16.0	16.5	16.1	16.6	15.0	10	10	10	10	10	10	10.0	—	as	—	—	—	ns	—	—	st	—	—	ns	—	—	ns	—	—	st
10	8.5	7.2	6.7	9.6	5.8	**4.9**	7.1	10	4	9	10	2	0	5.8	—	—	st	—	—	sc	—	—	sc,ns	—	—	ns	—	—	sc	—	—	cu
11	6.3	7.5	7.4	9.0	8.9	9.1	8.0	0	1	10	10	10	3	5.7	—	—	—	—	—	sc	cs,ci	—	—	cs	—	—	cs,ci	—	—	cs	—	—
12	8.8	9.2	13.0	13.8	11.1	10.8	11.1	10	10	10	8	0	0	6.3	—	as	—	cs	as	—	—	—	sc,ns	cs	—	sc	—	—	—	—	—	—
13	8.8	9.7	13.9	17.8	15.1	13.7	13.2	0	10	10	10	10	10	8.3	—	—	—	cs	—	—	cs	—	—	cs	—	—	cs	—	—	cs	—	—
14	12.6	13.7	16.9	16.4	16.8	16.4	15.5	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	st	—	as	—	—	—	ns	—	—	ns
15	9.0	9.2	9.7	9.6	8.9	7.8	9.0	10	10	10	5	1	1	6.2	—	as	—	—	as	sc	—	acsc,cu		—	—	sc,cu	—	—	cu	cc	—	cu
16	7.2	8.3	9.5	9.7	10.3	11.3	9.4	4	10	10	10	10	10	9.0	cc	—	cu	cs	—	—	cc	—	—	cs	—	—	cs	ac	—	—	ac	—
17	11.0	11.5	13.4	12.1	12.1	11.0	11.9	10	10	6	7	0	0	5.5	—	—	sc	—	—	sc	ci	—	cu	—	—	cu	—	—	cu	—	—	—
18	9.2	10.1	14.6	15.7	13.1	14.3	12.8	0	0	0	0	9	10	3.2	—	—	—	—	—	cu	—	—	cu	—	—	cu	cs	—	—	cs	—	—
19	11.3	13.7	18.7	18.5	16.1	14.2	15.4	4	10	4	7	4	4	5.5	cs	—	—	—	—	st	cs	—	sc	cs	—	sc	cs	—	sc	—	—	sc
20	13.3	14.8	16.4	17.8	19.6	17.2	16.5	6	8	10	10	10	10	9.0	—	—	sc	—	—	sc	—	—	sc	—	—	sc	cs	—sc,ns		—	—ns,sc	
21	15.8	16.0	15.2	10.6	12.0	10.8	13.4	4	9	10	10	10	10	8.8	—	—	sc	cc,ci	—	—	cs	—	—	cs	—	cu	—	ac	cu	—	as	—
22	11.5	10.8	9.9	9.9	10.7	10.4	10.5	10	10	10	10	10	10	10.0	—	as	—	—	as	—	—	—	ns	—	—	ns	—	—	ns	cs	—	sc
23	9.9	10.7	10.7	13.2	13.4	13.5	11.9	9	6	10	9	4	10	8.0	—	—	sc	cs	—	sc	cs,ci	—	cu	ci,cs	—	cu	ci	—	cu	cs	—	—
24	12.4	12.7	13.7	15.5	16.6	18.5	14.9	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	as	—	—	as	—	—	—	ns	—	—	ns
25	18.4	**19.0**	14.7	11.8	9.6	8.9	13.7	10	10	10	6	9	10	9.2	—	—	st	—	—	sc,ns	cs	—	sc	cs	—	sc	cs	—	sc	cs	—	—
26	8.3	9.5	9.6	9.2	8.3	8.8	9.0	5	1	2	2	3	10	3.8	cs	—	—	—	—	sc	—	—	cu	cs	—	cu	cs	—	cu	—	—	sc
27	9.8	8.9	9.3	9.8	7.8	8.6	9.0	10	10	10	5	2	0	6.2	—	—	sc	—	—	sc	cs	—sc,cu		ci	—	cu	ci	—	cu	—	—	—
28	8.6	9.1	12.5	13.6	12.1	11.7	11.3	10	7	7	7	4	0	5.8	—	—	st	cs	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	—
29	11.5	12.8	13.6	13.2	13.2	13.4	13.0	9	8	7	2	9	0	5.8	cs	—	sc	cs	ac	sc	—	—cu,sc		—	—	cu	cc	—cb,sc		—	—	sc
30	13.3	15.0	16.7	16.7	17.3	16.2	15.9	10	10	10	10	8	9	9.5	—	—	st	—	—	st	cs	ac	cu	cs	—	sc	—	ac	sc	—	—	sc
31	15.5	13.9	15.5	15.0	15.3	13.2	14.7	10	10	10	10	10	10	10.0	—	—	st	cs	ac	sc	—	—	sc	—	—ns,sc		—	—	ns	—	—	st
	10.8	11.2	12.4	12.8	12.5	11.9	11.9	7.3	8.1	8.5	8.1	7.3	6.6	7.6																	

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	3.0	291	(2.2)	1.0	94	94	50	76	93	96	84	—	—	—	—	0.3	0.2	0.5	▲,□	≈,●
2	6.2	367	4.0	1.5	95	94	84	58	74	86	82	0.2	3.2	1.3	—	—	—	4.7	●,↙	≈,↙
3	—	130	(0.7)	0.5	90	92	79	86	98	98	91	—	—	—	0.5	**11.2**	6.8	**18.5**	▲,○,≈	●
4	0.6	201	(3.8)	2.0	98	95	81	68	64	66	79	1.2	2.2	0.2	0.1	0.2	0.5	4.4	●,○	●
5	11.2	586	5.2	2.4	70	68	46	42	66	88	63	0.1	0.2	—	—	—	—	0.3	●,≈,○,↙	○
6	4.5	353	3.8	1.6	89	82	66	63	73	83	76	—	—	—	—	—	—	—	≈	
7	2.3	260	(4.1)	1.8	95	96	81	68	74	89	84	—	—	—	—	0.0	6.4	6.4	▲,⊕,=,≈	≈,●,↘
8	11.9	599	4.5	1.7	80	67	56	48	69	87	68	—	—	—	—	—	—	—	○,≈	○,≈
9	—	71	(2.2)	1.4	92	88	89	94	94	98	93	—	—	—	1.7	4.3	1.5	7.5	●,↙	●,↙
10	4.0	217	(4.2)	2.8	71	60	54	96	54	43	63	—	0.2	—	7.1	1.1	—	8.4	●,↙	●,┬,↙
11	11.6	495	(4.4)	1.8	61	66	45	44	59	83	60	—	—	—	—	—	—	—	≈,○,↙	○,≈,▲
12	6.9	362	(4.5)	1.7	95	96	69	62	57	76	76	—	—	0.1	0.9	—	—	1.0	●,≈	●,○,↙
13	11.4	560	4.9	1.7	97	97	68	70	73	86	82	—	—	—	—	—	—	—	▲,≈	≈
14	—	146	(2.9)	1.6	92	96	87	78	91	92	89	—	0.0	—	0.0	1.8	0.6	2.4	▲,◎	●
15	4.9	374	(4.1)	1.9	76	76	56	56	68	71	67	0.1	—	—	0.7	—	—	0.8	●,↙	●,○,↙
16	7.1	526	4.7	1.8	92	94	59	47	72	84	75	—	—	—	—	—	—	—	▲,○	○,↙
17	7.8	467	6.1	2.4	94	93	67	49	63	82	75	—	—	—	—	—	—	—	▲,○,≈	○,≈,▲
18	11.4	569	6.0	2.4	95	89	62	57	65	92	77	—	—	—	—	—	—	—	▲,≈	≈,↙,▲,◎
19	6.7	465	5.4	2.0	94	97	72	58	61	91	79	—	—	—	—	—	—	—	▲,=,≈	≈,▲
20	1.7	236	(1.3)	1.2	93	96	67	71	93	92	85	—	—	—	—	1.1	1.2	2.3	▲,≈	≈,●
21	10.3	553	6.7	2.3	96	85	60	**33**	63	73	68	3.7	—	—	—	—	—	3.7	●,≈,⊕	○,≈,⊕
22	—	156	(2.4)	0.9	83	79	70	75	83	88	80	—	—	0.0	0.1	0.1	0.0	0.2	●	●
23	9.9	525	4.7	1.6	95	93	58	62	76	90	79	—	—	—	—	—	—	—	▲,○,≈	≈,▲
24	0.9	234	3.6	1.0	94	92	83	68	86	96	87	—	—	—	—	0.0	6.3	6.3	≈	≈,●
25	9.7	532	(6.9)	2.9	98	95	75	57	59	81	78	9.7	0.4	0.4	—	—	—	10.5	●,○,↙	○,↙
26	12.5	642	6.4	2.8	94	68	48	52	55	69	64	—	0.6	—	—	—	—	0.6	↘,●,○	○,↙
27	7.9	502	5.7	2.2	87	71	60	53	48	89	68	—	0.0	—	—	—	—	0.0	●,○	○,▲
28	9.4	549	(5.6)	1.8	89	84	64	68	68	91	77	—	—	—	—	—	—	—	▲,○	○,▲
29	10.3	578	(5.9)	2.2	94	95	60	52	68	91	77	—	—	—	—	—	—	—	▲,≈	○,┬,↘
30	4.0	355	4.4	1.4	91	94	75	61	80	92	82	1.0	1.2	—	0.0	—	—	2.2	●,┬,≈	≈,┬,●
31	2.6	293	(2.4)	0.7	97	86	79	80	95	94	89	—	—	—	0.1	1.3	0.5	1.9		●,┬
	190.7	12194	133.7	53.3	90	86	67	63	72	85	77	16.0	8.0	2.0	11.2	21.4	24.0	82.6		

JUNE, 1954.

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	8.7	11.6	12.0	9.9	11.4	13.3	11.2	16.4	19.3	19.6	17.3	19.0	21.0	18.8	10.1	9.4	16.8	22.8	17.4	12.7	14.9
2	12.6	11.4	11.2	8.4	5.3	4.3	8.9	20.3	19.0	18.8	16.0	13.0	11.7	16.5	11.7	12.0	17.2	15.9	14.7	14.5	14.3
3	1.9	999.2	996.2	995.2	998.1	0.2	998.5	9.3	6.6	3.6	2.4	5.6	7.6	5.9	16.5	15.7	18.2	21.1	17.4	16.3	17.5
4	0.3	0.7	1.5	1.1	1.3	1.9	1.1	7.9	8.2	8.8	8.4	8.7	9.5	8.6	13.7	16.8	20.6	21.4	19.9	15.1	17.9
5	1.2	2.8	3.9	4.3	6.0	8.6	4.5	8.7	10.3	11.3	11.7	13.5	16.2	12.0	14.3	14.9	17.8	17.1	14.7	10.3	14.9
6	9.9	10.6	10.0	9.1	7.3	5.7	8.8	17.6	18.4	17.6	16.7	14.9	13.5	16.5	8.5	10.9	13.3	12.1	11.7	11.7	11.4
7	2.6	999.2	997.9	996.0	997.6	0.0	998.9	10.3	6.8	5.5	3.4	5.2	7.6	6.5	11.7	11.3	12.4	14.9	14.1	12.1	12.8
8	1.2	3.9	5.5	3.9	6.3	8.0	4.8	8.8	11.6	13.1	11.3	13.9	15.7	12.4	9.5	9.6	14.1	18.0	13.5	8.7	12.2
9	8.3	9.2	8.4	7.0	7.2	9.1	8.2	16.0	17.1	16.0	14.5	14.8	16.8	15.9	5.5	6.6	13.3	16.7	12.7	7.3	10.4
10	8.3	10.1	8.2	6.5	6.4	5.3	7.5	16.2	16.7	15.6	14.1	14.0	13.0	14.9	3.8	6.4	15.5	15.4	12.4	12.9	11.1
11	3.3	1.1	1.7	0.3	999.6	0.6	1.1	10.9	8.6	9.2	7.7	7.2	8.0	8.6	12.3	12.5	15.1	16.7	15.1	14.2	14.3
12	999.3	999.0	0.3	0.4	1.2	3.3	0.6	6.8	6.5	7.7	8.0	8.7	10.9	8.1	14.0	14.1	15.5	14.8	15.5	11.9	14.3
13	2.9	4.7	4.8	3.6	4.2	5.7	4.3	10.5	12.3	12.3	11.0	11.6	13.3	11.8	11.1	11.9	16.4	19.9	16.9	12.6	14.8
14	3.7	4.4	2.5	0.3	998.9	997.6	1.2	11.3	12.0	10.0	7.7	6.4	5.1	8.8	10.5	11.2	16.7	18.8	16.6	14.9	14.8
15	994.9	993.6	993.2	994.4	995.9	999.0	995.2	2.4	1.1	0.7	1.9	3.3	6.6	2.7	14.3	14.1	15.1	14.2	13.0	11.5	13.7
16	998.6	1.0	3.9	3.6	5.2	7.3	3.3	6.3	8.6	11.4	11.0	12.8	14.9	10.8	10.7	10.7	14.3	17.1	13.5	11.7	13.0
17	7.4	8.4	8.8	7.6	7.4	8.7	8.1	15.2	16.0	16.4	15.0	14.9	16.3	15.6	11.5	12.1	16.4	17.3	15.5	14.0	14.5
18	7.9	7.7	7.3	6.1	5.9	6.5	6.9	15.4	15.3	14.8	13.5	13.3	14.1	14.4	13.1	13.3	18.8	20.0	17.5	12.7	15.9
19	6.0	5.0	4.4	4.3	3.2	2.6	4.3	13.6	12.6	11.9	11.7	10.6	10.1	11.8	11.7	12.8	19.7	17.8	17.9	16.7	16.1
20	999.4	997.2	995.4	992.8	**992.7**	995.9	995.6	6.9	4.7	2.9	0.3	**0.2**	3.3	3.1	15.4	15.0	15.7	15.4	15.6	15.4	15.4
21	996.8	999.9	1.9	4.4	6.9	9.9	3.3	4.3	7.4	9.5	12.0	14.5	17.5	10.9	13.3	13.2	14.7	15.4	14.0	12.5	13.9
22	9.7	12.0	11.6	11.4	13.0	13.7	11.9	17.5	19.6	19.2	18.9	20.6	21.5	19.6	11.7	12.4	16.9	19.2	14.5	11.5	14.4
23	13.1	**14.1**	14.0	12.8	12.4	12.3	13.1	20.8	**21.9**	21.7	20.6	20.2	20.0	20.9	9.8	10.5	12.2	13.2	12.5	12.1	11.7
24	9.9	10.0	8.8	7.4	8.0	10.0	9.0	17.6	17.6	16.3	14.9	15.4	17.6	16.6	11.6	12.1	17.5	20.6	18.7	14.6	15.9
25	9.7	11.6	9.9	9.0	9.5	10.0	10.0	17.5	19.2	17.3	16.4	17.1	17.6	17.5	12.1	12.8	19.2	20.2	16.6	14.7	15.9
26	8.8	8.7	9.0	7.4	6.6	7.0	7.9	16.4	16.3	16.4	14.8	14.1	14.5	15.4	14.1	14.8	18.0	19.5	17.8	16.8	16.8
27	7.0	8.6	9.2	8.8	9.2	10.6	8.9	14.8	16.0	16.7	16.3	16.7	18.3	16.5	16.2	16.3	18.7	19.1	19.1	16.4	17.6
28	10.5	11.9	11.9	10.5	10.1	10.4	10.9	18.1	19.4	19.3	18.0	17.6	17.9	18.4	16.3	15.7	19.2	21.4	19.6	17.5	18.3
29	8.7	8.6	7.0	5.0	4.3	2.9	6.1	16.3	16.0	14.5	12.4	11.6	10.3	13.5	17.1	17.3	20.4	21.4	20.2	20.1	19.4
30	0.2	999.3	997.6	995.7	993.9	996.3	997.2	7.4	6.6	5.0	3.0	1.2	3.6	4.5	19.7	19.9	22.8	24.1	23.7	21.0	21.9
Mean	5.1	5.5	5.3	4.2	4.5	5.6	5.0	12.7	13.1	12.8	11.7	12.0	13.1	12.6	12.4	12.9	16.8	18.1	16.1	13.8	15.0

Day	AIR TEMPERATURE °C				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND												Mean	
	Max	Min.	Mean	Range	2		6		10		14		18		22		6 obs.	24 h.
1	23.0	7.2	15.1	**15.8**	NNW	1.7	W	0.7	N	0.7	SE	4.6	SSE	7.4	SSE	2.8	3.0	3.2
2	17.9	10.6	14.3	7.3	SSE	1.1	—	0.2	SSE	7.4	SE	6.3	ESE	8.7	SE	6.3	5.0	4.7
3	22.8	13.2	18.0	9.6	SSE	**9.4**	SE	4.2	SSE	5.7	NNW	5.9	WSW	3.4	SW	4.6	5.5	4.5
4	22.8	12.4	17.6	10.4	SSE	1.5	SSW	1.5	WSW	7.8	W	3.2	WSW	4.8	S	1.3	3.4	4.0
5	18.6	9.7	14.2	8.9	—	0.4	—	0.0	NW	4.4	NW	8.2	WNW	5.5	E	1.5	3.3	3.4
6	13.8	8.5	11.2	5.3	WSW	0.9	—	0.0	SSE	3.2	SSW	3.4	WSW	2.4	SW	1.1	1.8	1.9
7	15.2	11.0	13.1	4.2	N	1.5	WNW	2.4	NNW	4.0	W	3.8	NNW	4.0	NNW	5.0	3.5	3.3
8	19.6	7.4	13.5	12.2	NNW	8.0	NNW	5.0	NNW	3.2	W	1.7	SSE	6.7	SSE	4.6	4.9	5.0
9	17.6	4.1	10.9	13.5	—	0.4	—	0.4	SSW	0.9	SSE	7.1	SE	5.7	—	0.2	2.5	3.0
10	17.0	**3.2**	10.1	13.8	ENE	1.1	NNW	1.3	SE	3.6	SE	6.7	SSE	5.0	SSE	3.4	3.5	3.7
11	16.9	11.9	14.4	5.0	—	0.0	NW	1.5	ESE	7.4	WSW	2.2	SSW	3.4	—	0.0	2.4	1.9
12	16.8	11.5	14.2	5.3	—	0.0	NNW	2.8	N	0.9	N	2.4	N	1.3	NNW	5.9	2.2	2.3
13	21.0	10.8	15.9	10.2	N	3.6	NNW	0.9	W	0.9	W	1.1	SSE	6.1	SSE	3.4	2.7	3.0
14	20.0	9.6	14.8	10.4	—	0.0	—	0.4	SSE	2.8	SE	5.9	SE	0.7	S	2.4	2.0	2.6
15	16.4	11.0	13.7	5.4	—	0.0	NNW	2.0	NW	3.0	NNW	7.1	NNW	7.4	NNW	5.2	4.1	4.1
16	17.6	10.4	14.0	7.2	NNW	2.2	NNW	3.8	NNW	4.2	—	0.4	SE	4.0	S	3.4	3.0	2.6
17	17.4	11.2	14.3	6.2	SSW	1.3	—	0.0	SSE	3.8	SSE	5.4	S	2.4	SSE	4.2	2.9	2.9
18	21.0	12.2	16.6	8.8	—	0.4	S	0.9	SSE	4.8	SSE	5.0	SE	4.6	—	0.0	2.6	3.1
19	20.1	10.6	15.4	9.5	—	0.0	—	0.0	S	4.2	SE	3.6	SE	4.2	SSE	4.2	2.7	3.0
20	16.5	14.8	15.7	1.7	—	0.0	NNW	2.2	NNW	3.2	NW	5.4	NNW	7.3	NW	2.8	3.5	3.8
21	15.7	12.2	14.0	**3.5**	NNW	7.1	NNW	7.6	NNW	7.1	NNW	6.3	NNW	4.6	NW	1.5	5.7	5.8
22	19.6	11.1	15.4	8.5	NNW	2.6	NNW	2.4	W	1.5	S	6.3	SSE	6.5	S	5.0	4.1	3.8
23	13.3	9.4	11.4	3.9	S	2.6	NW	1.3	WSW	1.5	—	0.2	NW	1.3	NW	3.0	1.7	1.3
24	21.7	11.4	16.6	10.3	NNW	3.8	NNW	4.2	N	5.7	NNW	5.9	NNW	5.4	NNW	4.4	4.9	5.0
25	22.6	11.6	17.1	11.0	WNW	2.4	NNW	0.7	ESE	0.9	SSE	8.2	SSE	5.4	SE	4.6	3.7	4.0
26	19.8	14.0	16.9	5.8	SSE	2.8	S	1.7	SSE	2.6	SE	4.2	SSE	4.2	SSE	3.0	3.1	2.6
27	20.6	15.8	18.2	4.8	SSE	1.3	SSE	1.3	SE	0.9	S	4.8	SSE	4.8	S	5.4	3.1	2.9
28	22.3	15.1	18.7	7.2	SSE	1.3	WSW	0.9	SSE	2.8	SSE	5.2	SSE	5.7	SSE	4.0	3.3	3.3
29	22.4	16.8	19.6	5.6	SE	0.7	SSE	1.5	SE	1.5	S	4.0	SSE	2.6	SSE	3.4	2.3	2.2
30	**25.2**	19.5	22.4	5.7	SSE	2.4	S	3.2	S	2.8	S	5.9	SSE	4.2	NE	1.3	3.3	2.8
Mean	19.2	11.3	15.2	7.9		2.0		1.8		3.4		4.7		4.7		3.3	3.3	3.3

JUNE, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
1	11.6	9.9	12.9	10.9	12.9	11.8	11.7	10	0	0	0	9	10	4.8	cs	—	—	—	—	sc	—	—	cu	ci	—	cu	cs,ci	—	—	cs	—	—
2	12.5	13.2	13.7	16.1	15.7	15.8	14.5	10	10	10	10	10	10	10.0	—	—	sc	—	as	sc	—	as	sc	—	—	ns	—	—	ns	—	—	ns
3	16.8	17.6	20.5	18.0	14.1	12.3	16.6	10	10	10	9	7	5	8.5	—	—	ns	—	—	ns	—	—	ns	—	—	sc	—	—	sc	—	—	sc
4	13.4	14.0	14.0	14.4	13.3	15.8	14.2	3	6	9	10	10	10	8.0	—	—	sc	—	ac	sc	cs	—	cu	ci	—	cu	cc	—cu,sc		—	—	nc
5	15.8	15.7	13.6	13.9	12.2	11.0	13.7	10	10	10	3	2	0	5.8	—	—	st	—	—cu,sc		—	—	sc	—	—	cu	ci	—	cu	—	—	—
6	10.7	12.1	12.4	12.8	13.0	13.3	12.4	8	10	10	10	10	10	9.7	cs	—	—	—	—	st	—	—	st	—	—	st	—	—	ns	—	—	ns
7	13.4	13.1	14.2	16.6	15.4	11.9	14.1	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
8	11.1	10.4	11.5	9.4	10.8	10.1	10.6	10	10	10	8	8	1	7.8	—	—	ns	—	—	ns	cs	—	cu	—	ac	cu	cc	—	sc	cc	—	—
9	8.4	9.1	9.6	10.4	9.6	8.6	9.3	0	10	2	7	3	1	3.8	—	—	—	—	—	st	—	—sc,cu		cs	—	sc	cs,ci	—	sc	—	—sc,cu	
10	**7.5**	8.6	11.2	12.2	13.3	12.9	11.0	2	10	10	10	10	10	8.7	cs	—	—	cs	ac	—	—	—sc,cu		—	—	sc	—	—ns,sc		—	as	st,sc
11	13.3	14.2	15.3	16.1	15.8	15.7	15.1	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	st	—	—	st	—	—	ns
12	15.5	15.7	15.0	14.8	14.8	11.5	14.6	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	ns	—	—	ns	—	—	sc	—	—	sc
13	11.0	11.6	12.2	14.3	14.2	12.4	12.6	10	10	10	6	10	10	9.3	—	—	sc	—	—	sc	—	—sc,cu		ci	—cu,sc		ci,cs	ac	—	ci,cs	—	—
14	12.1	12.7	12.5	14.7	16.3	15.7	14.0	10	10	10	10	10	10	10.0	cs	—	—	—	as	—	—	as	—	—	as	sc	—	—	sc	—	—	st
15	16.0	15.7	16.1	15.3	14.0	12.8	15.0	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
16	12.3	12.0	13.9	13.9	15.0	13.4	13.4	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—st,sc		—	—	st	—	—	ns	—	—	ns
17	13.3	13.5	14.5	15.7	15.2	13.7	14.3	10	10	10	10	8	10	9.7	—	—sc,st		—	as	st	—	—	sc	—	—sc,cu		—	—	sc	—	—	sc
18	14.3	14.6	13.3	15.0	14.9	14.0	14.4	10	10	8	10	9	6	8.8	—	—	sc	—	—sc,st		—	—	sc	—	—	sc	cs	—	sc	—	ac	sc
19	13.3	14.1	16.3	18.8	19.3	16.5	16.4	10	8	10	10	10	10	9.7	cs	—	sc	—	—	sc	cs	—	sc	—	—	ns	—	as	ns	—	as	ns
20	16.6	16.7	17.5	16.6	15.4	15.2	16.3	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	sc	—	—	sc
21	13.0	12.4	13.0	13.7	12.5	12.4	12.8	10	10	10	10	10	10	10.0	—	as	—	—	as	sc	—	as	sc,st	—	—sc,ns		—	as	sc	—	as	—
22	12.0	11.4	12.2	13.5	12.5	12.0	12.3	10	10	4	9	10	10	8.8	—	as	—	—	as	—	—	ac	cu	cs	ac	cu	cs	—	sc	—	—	st
23	10.8	10.9	11.7	13.7	13.8	13.8	12.5	10	10	10	10	10	10	10.0	—	as	—	—	as	—	—	as	ns	—	—	ns	—	—	ns	—	—	ns
24	13.3	13.3	15.2	15.7	15.3	14.2	14.5	10	10	10	10	8	0	8.0	—	—	ns	—	as	st,sc	—	as	sc	—	—	sc	—	—	sc	—	—	—
25	13.3	12.8	16.0	17.8	15.8	15.3	15.2	10	8	9	10	10	10	9.5	cs	—	—	cs	—	—	ci	—	cu	cs	—	sc	—	as	ns	—	—	st
26	15.6	16.5	17.2	17.9	18.6	17.8	17.3	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	st	—	—	st	—	—	st	—	—	st
27	17.7	18.0	18.4	18.7	19.3	17.7	18.3	10	10	10	10	7	0	7.8	—	—	st	—	—	st	—	—	sc	—	—	sc	—	—	sc	—	—	—
28	17.8	16.8	18.1	19.0	18.6	18.1	18.1	10	10	10	10	10	10	10.0	—	—	sc	—	—	sc	—	as	sc,st	—	—	sc	—	—	sc	—	—	st
29	17.8	18.2	20.0	22.2	22.4	23.1	20.6	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	st	—	—	st	—	—	ns	—	—	ns
30	22.5	22.8	**25.9**	25.5	25.5	23.8	24.3	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	ns	—	as	st,sc	—	ac	st,sc	—	—	ns
	13.8	13.9	14.9	15.6	15.3	14.4	14.7	9.1	9.4	9.1	9.1	9.0	8.1	9.0																		

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	12.6	612	5.5	2.0	94	84	68	**39**	65	81	72	—	—	—	—	—	—	—	⌓,≈,○	○,≈
2	—	183	(0.0)	0.8	91	94	70	89	94	96	89	—	—	—	0.8	7.8	1.9	10.5	○	●,↙
3	3.5	320	(5.3)	1.9	89	99	98	72	71	66	83	0.1	12.5	11.9	0.1	—	—	24.6	●,◑,↙	○
4	9.0	507	(4.2)	1.8	85	74	58	57	57	92	71	—	—	—	—	—	2.3	2.3	⌓,○	○,≈,●
5	7.6	484	4.1	1.7	97	93	67	71	73	88	82	0.3	—	—	—	—	—	0.3	○	○
6	—	147	(0.0)	0.3	96	93	81	91	94	97	92	—	—	—	0.1	0.7	3.4	4.2	⌓	◑,●
7	—	107	(0.5)	0.7	98	98	99	98	96	85	96	13.8	10.0	**16.5**	5.4	8.1	0.9	**54.7**	●	●
8	4.1	499	4.6	1.3	94	87	72	46	70	90	77	1.9	1.5	0.0	—	—	—	3.4	●,○	○
9	9.4	595	4.9	1.5	93	93	63	55	65	84	76	—	—	—	—	—	—	—	⌓,○	≈,○
10	1.8	356	2.3	1.1	94	89	64	70	92	87	83	—	—	—	—	0.0	—	0.0	⌓,≈,○	○,◑
11	—	137	(0.2)	0.3	93	98	89	85	92	97	92	1.0	2.2	3.6	0.6	0.2	1.2	8.8	●	●
12	0.1	193	(2.3)	1.0	97	98	85	88	84	82	89	3.6	—	1.7	2.4	0.1	—	7.8	●	●,○
13	6.0	517	5.6	1.5	83	83	66	61	74	85	75	—	—	—	—	—	—	—	○	○,≈,⌓
14	—	329	(3.3)	1.1	95	96	66	68	86	93	84	—	—	—	—	—	—	—	⌓,○,≈	○,●
15	—	195	(0.7)	0.6	98	98	94	95	93	94	95	2.2	9.7	4.9	1.9	2.3	2.1	23.1	●	●
16	0.7	287	(1.8)	0.5	95	93	86	72	97	98	90	5.6	1.9	0.2	—	1.9	3.3	12.9	●,◑	◑,●
17	1.1	335	3.5	1.1	98	96	78	79	86	85	87	0.3	—	—	—	—	—	0.3	●	○
18	2.4	418	4.5	1.5	95	96	61	64	74	96	81	—	—	—	—	—	—	—	○	○,⌓
19	3.6	279	(0.9)	0.6	97	95	71	92	94	87	89	—	—	—	—	0.5	0.1	0.6	⌓,≈,○	●
20	—	111	(2.0)	1.4	95	98	98	95	87	87	93	0.3	5.3	10.7	7.1	1.9	—	25.3	●	●
21	—	259	3.4	1.5	86	82	78	78	78	86	81	—	—	—	0.0	0.0	—	0.0	●	●,○
22	7.5	587	4.6	1.6	87	79	63	61	76	88	76	—	—	—	—	—	—	—	○	
23	—	144	(0.0)	0.4	89	86	82	90	96	98	90	—	—	0.0	1.4	4.7	10.8	16.9	●	●
24	3.6	441	5.4	2.1	98	94	76	64	71	86	82	5.0	1.2	—	—	—	—	6.2	●,○	○
25	8.6	545	(5.6)	1.2	94	87	72	75	84	92	84	—	—	—	—	—	—	—	⊟,⌓,○	
26	—	239	(2.2)	0.7	97	98	83	79	92	93	90	—	0.2	—	—	—	—	0.2	●,◑	
27	—	233	2.2	0.7	96	97	85	85	87	95	91	—	0.9	—	0.0	—	—	0.9	●,◑	○,⌓
28	1.6	332	3.6	1.1	96	94	81	74	82	90	86	—	—	—	—	—	—	—	⌓	
29	—	180	(1.7)	0.5	91	92	84	87	95	98	91	—	—	—	0.0	0.7	4.3	5.0		●
30	1.2	295	(3.1)	0.8	98	98	93	85	87	96	93	4.2	0.6	1.8	0.0	—	4.6	11.2	●	●
	84.4	9537	88.0	33.3	94	92	78	76	83	90	85	38.3	46.0	51.3	19.8	28.9	34.9	219.2		

JULY, 1954.

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	994.5	994.3	**993.3**	993.6	994.1	995.3	994.2	1.9	1.6	**0.4**	0.7	1.3	2.8	1.5	19.3	19.1	25.9	25.6	21.8	18.7	21.7
2	995.6	996.8	997.1	997.5	998.0	999.2	997.4	2.9	4.3	4.4	4.8	5.3	6.5	4.7	18.7	18.4	20.9	22.4	21.5	19.4	20.2
3	998.9	0.6	1.3	1.2	2.9	3.9	1.5	6.4	8.0	8.7	8.7	10.4	11.4	8.9	17.0	17.4	18.6	19.3	15.9	15.0	17.2
4	4.2	4.6	5.3	4.2	3.7	4.4	4.4	11.6	12.2	12.8	11.6	11.2	11.9	11.9	15.3	16.0	18.1	20.5	20.6	18.0	18.1
5	3.2	2.9	2.0	999.9	999.3	999.4	1.1	10.6	10.4	9.3	7.0	6.6	6.9	8.5	17.7	17.9	21.9	24.7	20.8	19.1	20.4
6	997.7	998.4	998.4	998.5	998.8	0.7	998.8	5.1	5.9	5.9	6.0	6.3	8.2	6.2	18.5	17.0	17.2	16.2	16.2	15.3	16.7
7	0.6	2.0	3.6	3.7	4.6	6.0	3.4	8.0	9.5	11.0	11.2	12.0	13.6	10.9	13.5	13.3	16.6	17.1	15.6	13.7	15.0
8	6.1	7.6	7.6	7.2	5.9	6.4	6.8	13.7	15.2	15.0	14.8	13.3	14.0	14.3	13.3	12.7	14.8	16.7	15.7	14.3	14.6
9	3.4	1.9	0.6	998.6	997.9	998.8	0.2	11.0	9.5	8.0	6.1	5.2	6.3	7.7	13.7	13.8	15.3	18.9	19.5	16.8	16.3
10	997.3	997.7	997.7	997.1	998.6	0.3	998.1	4.8	5.2	5.1	4.4	6.1	7.7	5.6	17.1	17.3	20.3	22.1	17.2	15.4	18.2
11	999.7	0.8	0.4	2.0	2.6	4.6	1.7	7.2	8.3	7.9	9.5	10.1	12.2	9.2	15.1	14.6	16.1	16.8	15.7	14.1	15.4
12	3.9	4.8	5.3	4.2	4.6	6.5	4.9	11.4	12.4	13.0	11.6	12.2	14.1	12.5	13.0	11.7	15.3	19.1	16.3	14.3	15.0
13	6.3	7.9	8.4	7.7	7.7	10.1	8.0	13.9	15.4	15.7	15.0	15.2	17.7	15.5	13.0	11.7	19.5	20.9	19.0	13.1	16.2
14	9.2	10.9	10.5	9.0	8.8	10.1	9.8	17.0	18.5	18.0	16.3	16.2	17.7	17.3	10.6	12.5	18.9	23.7	19.9	15.7	16.9
15	8.7	9.0	8.6	7.3	6.4	6.6	7.8	16.2	16.6	16.0	14.8	13.9	14.1	15.3	14.5	15.0	17.8	19.0	18.1	17.1	16.9
16	6.1	6.4	6.8	6.0	5.6	7.2	6.4	13.6	14.0	14.3	13.5	13.1	14.6	13.9	15.7	15.7	17.9	19.2	18.9	17.3	17.5
17	5.2	5.6	5.9	4.4	4.2	6.1	5.2	12.8	13.1	13.3	11.7	11.4	13.6	12.7	16.3	16.6	19.5	24.2	21.7	19.5	19.6
18	6.1	7.6	7.7	6.9	8.4	9.7	7.7	13.6	15.0	15.0	14.3	15.7	17.1	15.1	18.9	18.8	23.1	25.1	21.8	20.4	21.4
19	10.0	10.9	11.2	10.5	11.3	**12.3**	11.0	17.5	18.4	18.5	18.0	18.8	**19.9**	18.5	19.3	19.7	24.7	23.7	19.7	18.1	20.9
20	10.8	11.7	11.0	9.1	8.7	9.7	10.2	18.3	19.3	18.5	16.6	16.2	17.2	17.7	17.4	17.7	20.8	21.3	18.9	16.9	18.8
21	8.7	8.6	8.3	6.5	5.5	5.3	7.2	16.3	16.0	15.7	13.9	12.8	12.8	14.6	15.7	16.3	20.0	21.9	20.7	17.4	18.7
22	5.0	5.1	4.3	3.3	3.7	5.2	4.4	12.4	12.7	11.6	10.6	11.0	12.7	11.8	16.9	15.3	22.4	22.2	21.0	18.7	19.4
23	4.8	5.9	5.7	5.1	4.8	6.1	5.4	12.3	13.3	13.1	12.4	12.2	13.6	12.8	17.8	17.7	21.9	23.9	22.2	17.8	20.2
24	6.3	6.5	5.6	3.2	3.0	4.4	4.8	13.9	15.3	13.0	10.5	10.4	11.9	12.5	14.6	14.7	20.9	23.8	21.5	17.5	18.8
25	3.4	2.8	2.9	0.8	0.6	1.5	2.0	10.9	10.3	10.4	8.0	7.9	8.8	9.4	16.9	17.5	20.1	24.9	22.3	20.3	20.3
26	999.4	999.4	999.0	996.6	996.6	997.5	998.1	6.8	6.8	6.4	3.7	3.7	3.4	5.1	19.5	19.5	21.4	27.8	24.5	22.3	22.5
27	996.6	997.7	997.7	997.5	999.9	1.5	998.5	3.7	5.1	5.0	4.7	7.2	8.8	5.8	21.9	21.7	26.7	26.2	23.8	19.8	23.4
28	1.9	2.4	3.3	2.0	2.5	1.7	2.3	9.2	9.9	10.5	9.2	9.7	9.1	9.6	18.4	18.3	26.6	28.0	24.3	21.2	22.8
29	999.7	999.3	999.7	999.3	1.6	2.5	0.4	7.0	6.6	7.0	6.5	9.0	9.9	7.7	21.4	21.7	24.6	27.2	26.0	21.8	23.8
30	1.7	2.5	3.0	2.1	3.7	6.5	3.3	9.1	9.9	10.4	9.3	11.0	14.0	10.6	20.1	20.5	24.1	26.6	23.3	20.5	22.5
31	6.1	7.3	8.7	9.3	9.7	11.2	8.7	13.5	14.8	16.2	16.6	17.1	18.6	16.1	19.5	19.6	21.7	26.0	23.8	22.4	22.2
Mean	3.3	3.9	3.9	3.0	3.3	4.5	3.7	10.7	11.4	11.3	10.4	10.7	12.0	11.1	16.8	16.8	20.4	22.4	20.3	17.8	19.1

Day	AIR TEMPERATURE °C				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND													
	Max.	Min.	Mean	Range	2		6		10		14		18		22		Mean 6 obs.	Mean 24 h.
1	26.9	17.8	22.4	9.1	NNE	2.2	SSE	4.2	SE	2.6	WSW	7.6	SW	**8.9**	NE	3.0	4.8	4.1
2	23.5	17.8	20.7	5.7	NE	2.2	ENE	2.0	NNW	2.4	N	3.4	NNW	1.3	NNE	1.1	2.1	1.7
3	20.3	14.8	17.6	5.5	S	3.0	S	3.0	S	5.5	S	6.3	SE	4.0	SSW	2.6	4.1	3.7
4	21.5	15.0	18.3	6.5	SSE	1.5	SE	2.6	W	0.7	S	0.9	S	3.6	SSE	4.0	2.2	2.4
5	26.2	17.3	21.8	8.9	—	0.0	—	0.4	N	1.1	S	6.7	SSW	5.0	ENE	0.7	2.3	2.3
6	19.3	14.3	16.8	5.0	—	0.0	WNW	1.3	NNW	4.4	N	2.2	—	0.2	NNW	2.2	1.7	1.9
7	18.4	12.3	15.4	6.1	NNW	3.0	NNW	2.0	NNW	1.3	SSE	5.4	SSE	4.6	SSE	4.2	3.4	3.6
8	18.0	12.4	15.2	5.6	SSE	3.0	NNW	1.1	W	0.7	SSE	5.2	SE	3.8	SE	4.4	3.0	2.8
9	20.5	13.4	17.0	7.1	SE	2.0	SSW	2.4	—	0.2	W	0.7	N	1.7	—	0.0	1.2	1.2
10	22.9	15.0	19.0	7.9	—	0.4	—	0.0	SE	1.1	S	4.8	S	4.6	S	2.8	2.3	2.4
11	17.2	13.5	15.4	**3.7**	—	0.0	NW	2.2	—	0.4	S	2.8	S	4.4	S	4.2	2.3	2.6
12	19.4	11.6	15.5	7.8	—	0.4	NW	1.7	S	2.4	SSE	4.2	S	5.5	SSW	4.4	3.1	3.0
13	21.4	**9.9**	15.7	11.5	SSW	4.0	SE	1.1	S	4.4	SSE	5.2	SSE	4.8	SSE	2.8	3.7	3.6
14	24.1	10.4	17.3	**13.7**	—	0.0	SW	0.7	SSE	1.5	SSE	4.6	SSE	6.9	ESE	2.8	2.8	2.8
15	19.6	14.4	17.0	5.2	—	0.0	—	0.0	—	0.4	SE	3.4	S	2.8	—	0.2	1.1	1.5
16	20.3	15.3	17.8	5.0	SW	1.7	—	0.4	NW	2.4	S	3.4	SSE	3.6	ESE	1.5	2.2	1.9
17	24.7	16.2	20.5	8.5	NNE	1.1	—	0.2	NNW	4.2	NNW	2.0	NNE	3.2	—	0.2	1.8	1.9
18	25.6	18.6	22.1	7.0	NNE	0.7	—	0.4	WNW	1.7	E	1.7	S	3.0	—	0.0	1.3	1.6
19	25.6	17.7	21.7	7.9	—	0.0	—	0.0	SSE	4.4	SSE	7.4	SSE	6.1	S	5.2	3.9	3.7
20	22.0	16.2	19.1	5.8	S	0.9	ESE	0.9	ESE	1.7	SSE	4.6	SSE	4.0	S	2.4	2.4	2.7
21	22.4	15.6	19.0	6.8	—	0.0	E	0.7	SSE	0.7	S	3.4	SSE	3.4	SSE	3.6	2.0	2.1
22	23.8	15.2	19.5	8.6	SE	1.5	NNW	2.4	NNW	4.0	N	5.4	NNW	5.7	NNW	4.8	4.0	4.4
23	25.8	16.3	21.1	9.5	N	2.6	NNW	1.1	NW	4.4	NNW	3.0	NNW	3.8	NNW	2.0	2.8	3.0
24	24.4	14.2	19.3	10.2	—	0.0	N	1.5	SSE	4.4	SSE	7.3	S	5.4	SSE	4.6	3.9	3.8
25	25.4	16.9	21.2	8.5	S	2.6	—	0.0	—	0.0	S	5.0	SSE	6.5	SSE	4.0	3.0	3.0
26	28.1	19.4	23.8	8.7	SSE	1.3	SSE	2.0	SE	1.5	S	6.3	S	5.4	SW	1.3	3.0	3.1
27	28.8	19.5	24.2	9.3	SE	2.4	SSE	2.0	SSE	4.8	NNW	3.6	NW	2.8	ENE	1.5	2.9	2.5
28	**29.2**	17.1	23.2	12.1	—	0.4	NNW	0.7	SSE	3.4	S	7.3	SE	3.4	S	3.8	3.2	2.9
29	29.0	20.6	24.8	8.4	—	0.0	SSE	3.0	SSE	5.0	SSE	3.2	W	3.2	NW	2.0	2.7	3.3
30	26.9	20.0	23.5	6.9	WNW	2.0	—	0.0	—	0.2	S	3.6	SSE	4.0	SSE	5.4	2.5	2.6
31	26.4	19.0	22.7	7.4	SW	2.4	S	1.5	SSW	2.0	SE	4.6	SSE	4.6	S	2.2	2.9	2.9
Mean	23.5	15.7	19.6	7.7		1.3		1.3		2.4		4.4		4.2		2.7	2.7	2.7

JULY, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
1	21.2	21.3	22.3	19.1	17.5	17.7	19.9	0	10	4	10	10	10	7.3	—	—	—	cs,ci	—	st	—	—	sc	cs	—	sc	—	—	sc	—	—	st
2	18.1	18.5	19.1	19.1	20.1	18.5	18.9	10	10	10	10	10	5	9.2	—	—	sc	—	—	sc	—	—	sc	ci	—	sc,cu	ci	ac	sc,cu	—	—	sc
3	18.2	18.5	18.5	18.2	16.6	16.7	17.8	10	10	10	10	10	10	10.0	—	—	sc	—	as	st	—	—	sc	—	—	sc	—	—	ns	—	—	ns
4	17.0	17.8	19.0	21.8	21.5	19.7	19.5	10	10	10	10	10	2	8.7	—	—	st	—	—	st	—	—	ns	—	—	st	—	—	st	—	—	st
5	19.7	19.9	21.1	22.6	21.2	20.1	20.8	10	10	10	10	10	10	10.0	—	—	st	—	—	st	cs	—	cu	cs	—	cu	cs	—	st	—	—	st
6	20.1	18.4	18.3	16.8	16.8	16.3	17.8	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
7	13.8	13.2	14.6	16.4	15.6	14.8	14.7	10	10	10	10	10	10	10.0	—	—	sc	—	—	sc	—	—	sc,st	—	—	st,sc	—	—	st	—	—	st
8	14.8	14.2	15.5	15.9	15.4	14.3	15.0	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	st	—	—	st	—	—	st	—	—	st
9	14.8	15.3	16.7	18.1	19.1	18.0	17.0	10	10	10	10	9	5	9.0	—	—	ns	—	—	ns	—	—	ns	—	—	sc	—	—	sc	cs	ac	sc
10	18.9	19.4	21.5	21.4	18.9	17.0	19.5	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	ns,st	—	—	sc,st	—	—	ns	—	—	ns
11	16.8	16.3	17.2	17.5	15.7	14.6	16.4	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	st	—	—	st
12	14.3	13.3	14.8	15.6	15.3	14.3	14.6	10	10	10	9	9	10	9.7	—	—	ns	—	—	ns	—	—	sc	—	—	sc	—	—	sc	—	—	sc
13	13.2	13.4	15.5	14.9	15.1	13.9	14.3	4	1	8	1	0	0	2.3	—	ac	sc	cs	—	—	—	—	sc,cu	—	—	cu	cs	—	—	—	—	—
14	**12.3**	14.0	14.4	17.6	18.2	16.8	15.6	0	10	3	10	10	10	7.2	—	—	—	—	—	sc,st	cs	—	cu	cs	—	—	cs	—	—	cs	—	—
15	15.8	16.3	17.5	16.0	18.3	18.4	17.1	10	10	10	10	9	10	9.8	—	—	st	—	—	st	—	—	st	—	—	ns	—	—	st	—	—	st
16	17.1	16.8	17.8	19.1	19.4	18.8	18.2	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	as	ns,sc	—	—	ns	—	as	sc,st	—	—	ns
17	17.8	18.3	19.0	19.9	19.0	19.0	18.8	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	cs	as	sc	—	ac	sc	—	—	sc	—	as	—
18	19.6	20.3	19.8	21.9	21.7	21.6	20.8	10	10	10	10	10	10	10.0	—	as	—	—	as	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
19	21.2	21.9	20.2	21.5	18.5	17.1	20.1	10	10	5	8	10	10	8.8	—	—	ns	—	—	sc	—	—	sc,cu	ci,cc	—	cu	—	—	sc,st	—	as	—
20	17.1	18.0	16.4	17.1	16.8	15.4	16.8	10	10	10	10	10	10	10.0	—	as	—	—	as	st	—	—	sc,st	—	as	sc	—	—	sc,st	—	—	sc
21	15.7	15.3	15.1	18.4	18.8	17.4	16.8	10	10	10	10	10	10	10.0	—	—	sc	—	—	st	—	—	sc	—	—	sc	—	—	sc	—	—	sc
22	17.0	14.9	19.3	19.4	18.4	17.1	17.7	10	8	6	10	7	0	6.8	—	—	sc	—	ac	sc	ci,cc	—	cu	—	—	sc	ci	ac	sc	—	—	sc
23	17.2	17.6	19.4	21.0	20.5	18.5	19.0	7	10	10	10	2	0	6.5	ci	—	—	—	—	sc	—	—	sc	—	ac	sc	—	—	cu	—	—	—
24	15.8	16.4	19.3	20.6	20.5	18.5	18.5	6	10	6	8	5	10	7.5	—	—	st	—	—	≡	cs	—	cu	cs	—	sc	ci,cs	—	—	cs	—	—
25	17.9	18.7	19.2	22.1	22.5	21.3	20.3	10	10	10	10	9	10	9.8	cs	—	—	—	—	≡	—	—	st	cs	—	cu	ci	—	—	—	—	st
26	21.2	21.0	23.1	26.8	26.2	26.0	24.1	10	10	10	8	10	10	9.7	—	—	st	—	—	st	—	—	st	—	—	st	cs	—	sc,st	—	—	ns
27	25.8	25.5	29.3	25.3	23.7	21.4	25.2	10	10	9	9	2	0	6.7	—	—	st	—	—	st	—	—	sc	cs	—	sc	cs	—	sc,cu	—	—	—
28	20.2	20.2	25.7	28.2	24.7	24.1	23.9	0	8	1	10	10	10	6.5	—	—	—	cs	—	—	ci	—	cu	cs	ac	sc	—	—	st	—	—	ns
29	24.8	25.5	28.2	**31.5**	25.9	23.7	26.6	10	10	10	10	10	10	10.0	—	—	ns	—	—	st	cs	—	sc,st	cs	ac	sc	cs	—	sc	—	—	sc
30	22.9	23.5	26.2	28.4	26.7	23.3	25.2	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	cs	—	sc	—	—	sc	—	—	ns	—	—	ns
31	22.3	22.4	24.8	25.6	24.3	26.4	24.3	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	cs	ac	sc,cu	ci	ac	st	—	—	st
	18.1	18.3	19.6	20.6	19.8	18.7	19.2	8.6	9.6	8.8	9.5	8.8	8.1	8.9																		

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	5.5	454	(5.0)	2.1	95	96	67	58	67	82	78	—	0.2	0.4	0.1	—	0.1	0.8	●	● ↙
2	2.3	339	3.3	1.1	84	88	77	71	78	82	80	—	—	—	—	—	—	—	◇	◇
3	—	199	2.8	0.6	94	93	86	81	92	98	91	—	—	—	—	2.4	8.2	10.6		●, ☽, ⊠
4	0.1	210	(1.8)	0.4	98	98	92	90	88	95	94	9.6	0.8	—	0.3	—	—	10.7	●, ≤	●
5	5.8	444	(4.7)	1.2	97	97	80	73	86	91	87	—	—	—	—	—	—	—		≡
6	—	115	(1.3)	0.7	94	95	93	91	91	94	93	—	3.0	**24.0**	4.2	2.6	1.9	**35.7**	●	●
7	0.9	285	(1.7)	0.6	89	86	77	84	88	95	87	0.2	—	—	—	—	0.0	0.2		●
8	—	210	(1.5)	0.7	97	97	92	84	86	88	91	—	0.2	0.1	—	—	—	0.3	☽	
9	0.1	244	(2.3)	0.5	95	97	96	83	84	94	92	0.0	3.9	2.9	0.1	—	—	6.9	☽, ●	◇, ⌓
10	1.6	330	(2.7)	0.8	97	98	90	80	96	97	93	—	0.4	1.8	0.0	0.5	6.4	9.1	●, ≡	☽, ●
11	—	187	(1.0)	0.4	98	98	94	91	88	91	93	2.2	3.2	0.7	3.2	0.1	—	9.4	●, ☽	●
12	0.8	363	4.1	1.2	96	97	85	70	83	88	87	0.1	0.6	0.1	—	—	—	0.8	☽	≡
13	11.3	604	5.2	1.5	88	98	68	60	69	92	79	—	—	—	—	—	—	—	⌓, =, ≡, ≤	◇, ≤, ⌓
14	8.4	575	4.9	1.5	97	97	66	60	78	94	82	—	—	—	—	—	—	—	⌓, ≤	≤, ⊟
15	—	197	(1.0)	0.6	96	96	86	73	88	94	89	—	—	—	0.1	0.5	0.1	0.7		≤, ●
16	—	273	(1.4)	0.5	96	94	87	86	89	95	91	1.2	0.7	0.1	0.0	0.5	0.2	2.7	●	●
17	2.4	410	5.5	1.6	96	97	84	66	73	84	83	1.2	1.6	0.1	—	—	—	2.9	●	◇
18	1.8	357	(4.1)	1.1	90	94	70	69	83	90	83	—	—	—	—	—	0.0	0.0	◇	◇
19	6.0	457	5.9	1.7	95	96	65	73	81	83	82	0.3	0.2	—	—	—	—	0.5	☽, ◇	◇, ●
20	—	311	4.1	1.6	86	89	67	67	77	80	78	—	—	—	—	—	—	—		◇
21	—	378	4.5	1.6	88	83	65	70	77	88	79	—	—	—	—	—	—	—	≤	≤
22	4.6	353	4.2	2.1	89	86	71	72	74	79	79	—	—	—	0.0	—	—	0.0	≤	◇, ●
23	2.1	346	4.5	1.6	84	87	74	71	76	91	81	—	—	—	—	—	—	—	◇	⌓
24	9.1	529	5.1	1.6	95	98	78	70	80	92	86	—	—	—	—	—	—	—	⌓, ≡, =, ≤	⌓
25	6.3	356	4.6	1.5	93	93	82	70	84	89	85	—	—	—	—	—	—	—	⌓, =, ≡	≤
26	2.4	304	(4.9)	1.1	94	93	91	72	85	97	89	—	—	—	—	—	5.9	5.9	≤	●
27	5.8	400	(4.9)	1.4	98	98	84	74	80	93	88	4.8	—	0.0	0.2	—	—	5.0	●, =, ≤	◇, ⌓
28	9.0	518	(4.5)	1.5	95	96	74	75	81	96	86	—	—	—	—	—	2.2	2.2	⌓, ◇, ≤	◇, ●
29	1.0	249	(3.8)	1.0	98	98	91	87	77	91	90	0.2	0.1	—	—	—	—	0.3	☽, ≡, =	≤, ◇, ●
30	—	274	(2.1)	0.7	97	97	87	81	93	96	92	14.6	9.4	0.3	—	0.9	2.8	28.0	●, ↙, ⊠	◇, ●, ↙
31	2.3	268	(3.5)	1.1	98	98	96	76	80	97	91	0.9	0.3	0.1	0.0	—	—	1.3	●, ☽	
	89.6	10539	110.9	35.6	94	94	81	75	82	91	86	35.3	24.6	30.6	8.2	7.5	27.8	134.0		

AUGUST, 1954.

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	11.6	12.6	13.0	12.8	13.7	15.7	13.2	18.9	21.3	20.3	20.2	21.1	23.0	20.8	22.1	22.9	25.2	28.7	25.1	23.4	24.6
2	15.0	15.6	15.6	13.5	13.5	14.4	14.6	22.5	22.9	22.9	20.8	20.8	21.7	21.9	22.1	23.3	27.3	29.0	26.0	22.8	25.1
3	13.0	12.8	11.6	9.5	8.4	9.0	10.7	20.4	20.2	18.8	16.7	15.7	16.3	18.0	22.1	22.5	27.6	29.8	25.5	23.7	25.2
4	7.2	6.1	5.3	2.9	2.5	2.8	4.5	14.6	13.5	12.6	10.1	9·7	10.1	11.8	23.0	23.3	27.1	29.2	25.7	23.5	25.3
5	2.8	3.3	3.6	2.5	2.8	5.0	3.3	10.1	10.6	10.9	9.7	10.0	12.3	10.6	23.0	21.5	24.6	27.5	25.5	21.3	23.9
6	4.3	6.4	6.4	4.3	4.4	5.7	5.3	11.7	13.9	13.6	11.4	11.6	13.1	12.6	17.3	17.5	25.4	30.7	26.3	21.7	23.2
7	5.6	6.1	5.1	3.2	2.3	2.9	4.2	13.0	13.6	12.4	10.4	9.6	10.3	11.6	20.8	20.9	23.8	27.5	26.1	22.8	23.7
8	2.1	1.2	0.4	998.5	997.1	996.2	999.3	9.5	8.6	7.6	5.7	4.3	3.3	6.5	21.6	22.1	25.6	27.0	25.3	24.0	24.3
9	994.4	995.9	997.2	997.1	997.9	998.9	996.9	1.7	3.0	4.4	4.3	5.2	6.4	4.2	23.0	23.5	25.1	26.6	22.7	19.6	23.4
10	999.2	0.0	1.5	0.4	1.2	2.1	0.7	6.6	7.4	8.7	7.6	8.6	9.5	8.1	17.8	19.5	24.0	24.5	21.5	19.3	21.1
11	1.7	2.8	1.9	0.4	1.0	2.1	1.7	9.2	10.4	9.1	7.7	8.3	9.5	9.0	16.5	16.7	23.2	26.2	23.6	19.6	21.0
12	1.9	2.5	3.2	1.5	2.0	3.2	2.4	9.2	10.0	10.5	8.7	9.3	10.5	9.7	19.5	18.8	23.7	28.3	24.3	22.6	22.9
13	2.6	3.2	3.4	2.3	1.5	2.5	2.6	10.0	10.5	10.8	9.5	8.7	9.7	9.9	22.6	22.6	26.1	30.6	27.2	24.2	25.6
14	1.6	2.1	1.3	999.7	998.8	999.9	0.6	9.0	9.5	8.6	6.8	6.0	7.0	7.8	23.5	24.0	28.1	31.4	26.9	24.5	26.4
15	998.9	999.3	999.9	998.4	998.5	0.3	999.2	6.1	6.6	7.0	5.5	5.6	7.6	6.4	24.3	24.2	27.9	32.1	29.4	24.4	27.1
16	0.3	1.2	1.3	999.6	0.0	1.0	0.6	7.4	8.4	8.6	6.6	7.2	8.3	7.8	24.1	24.4	27.2	31.2	26.9	23.7	26.3
17	999.4	999.6	997.7	995.0	994.5	995.7	997.0	6.6	6.8	5.0	2.1	1.6	2.9	4.2	23.3	23.5	29.5	31.3	27.4	23.5	26.4
18	994.1	994.9	994.3	992.3	992.3	992.0	993.3	1.5	2.3	1.5	999.3	999.4	999.2	0.5	21.9	22.3	27.5	30.1	26.5	24.9	25.5
19	990.0	989.3	988.6	987.4	**987.3**	988.6	988.5	997.2	996.4	995.6	994.5	**994.4**	995.7	995.6	25.5	26.2	28.6	29.1	26.8	26.2	27.1
20	988.8	990.5	992.7	996.0	0.4	4.0	995.4	996.2	997.7	999.9	3.0	7.7	11.3	2.6	23.7	23.9	24.6	27.5	23.4	21.9	24.2
21	5.6	8.2	9.2	8.2	8.3	9.6	8.2	13.1	15.6	16.6	15.3	15.7	17.0	15.6	18.5	18.7	25.4	27.9	23.7	21.4	22.6
22	9.2	9.2	8.7	5.9	5.5	5.7	7.4	16.7	16.7	16.0	13.0	12.7	13.1	14.7	20.9	21.2	25.5	30.3	28.1	22.9	24.8
23	5.5	5.5	4.2	2.3	2.9	4.6	4.2	12.8	13.0	11.3	9.5	10.1	11.9	11.4	20.6	20.9	27.9	27.3	24.9	23.7	24.2
24	5.9	7.7	8.8	8.8	11.3	13.7	9.4	13.2	15.0	16.2	16.0	18.8	21.2	16.7	21.1	21.2	24.9	26.2	20.9	18.9	22.2
25	14.0	15.6	**15.9**	14.3	14.3	15.3	14.9	21.5	23.0	**23.3**	21.7	21.7	22.8	22.3	18.0	18.1	20.3	20.4	19.1	18.0	19.0
26	14.5	14.5	14.0	12.2	11.9	11.7	13.1	22.0	22.0	21.3	19.4	19.2	19.2	20.5	17.9	18.4	23.5	25.3	22.9	21.8	21.6
27	10.3	11.3	10.5	7.7	7.0	6.6	8.9	17.7	18.8	17.9	14.9	14.4	14.0	16.3	21.0	21.2	25.1	28.1	24.3	22.9	23.8
28	5.1	4.7	4.3	1.9	2.6	3.9	3.8	12.4	12.0	11.4	9.1	9.9	11.2	11.0	23.0	23.0	27.7	29.9	24.6	23.2	25.2
29	4.2	4.4	5.2	4.6	5.7	7.3	5.2	11.4	11.7	12.4	11.9	13.1	14.8	12.6	21.6	21.6	24.7	26.0	21.9	19.2	22.5
30	7.4	8.3	8.7	7.9	8.4	9.3	8.3	14.9	15.7	16.0	15.2	15.9	16.8	15.8	16.7	16.9	22.9	24.2	21.1	18.1	20.0
31	9.3	9.3	9.7	8.8	9.2	9.5	9.3	16.8	16.8	17.2	16.2	16.6	17.0	16.8	16.2	16.1	18.8	22.4	20.5	19.6	18.9
Mean	4.0	4.6	4.6	3.2	3.5	4.5	4.1	11.4	12.1	11.9	10.4	10.7	11.8	11.4	21.1	21.3	25.4	27.9	24.6	22.2	23.8

Day	AIR TEMPERATURE °C				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND													
	Max.	Min.	Mean	Range	2		6		10		14		18		22		Mean	
																	6 obs.	24 h.
1	29.3	21.7	25.5	7.6	SSE	4.8	SSE	3.0	SSE	5.9	SSE	8.4	SE	5.0	SSE	2.8	5.0	4.8
2	29.8	22.1	26.0	7.7	S	2.6	—	0.0	SSE	4.8	SSE	6.9	SE	5.2	SE	4.0	3.9	4.0
3	30.1	21.6	25.9	8.5	SSE	1.7	SSE	1.1	SSE	2.6	SSE	5.5	SSE	6.3	SSE	3.6	3.5	3.7
4	29.4	23.0	26.2	6.4	SSE	2.2	S	3.2	SSE	6.5	SSE	7.8	SSE	4.2	S	2.0	4.3	4.5
5	29.3	19.5	24.4	9.8	NNW	1.7	NE	0.9	—	0.0	NNW	3.0	N	2.2	NE	2.2	1.7	1.8
6	31.0	16.0	23.5	**15.0**	—	0.0	NNW	0.7	NNW	0.7	S	2.4	SSE	4.6	SE	1.7	1.7	1.8
7	29.6	20.6	25.1	9.0	—	0.4	—	0.2	—	0.0	—	0.4	—	0.0	SSE	3.4	0.7	0.6
8	27.4	20.6	24.0	6.8	—	0.0	—	0.0	SSE	0.9	SE	1.5	SSE	6.3	SSE	3.6	2.1	2.2
9	27.2	19.3	23.3	7.9	S	3.2	—	0.2	NNW	3.4	WNW	3.8	NW	5.5	—	0.0	2.7	3.3
10	25.8	17.8	21.8	8.0	SE	0.9	NW	2.6	NNW	5.5	NW	2.8	NW	4.6	NNE	2.0	3.1	2.1
11	26.8	15.4	21.1	11.4	—	0.2	—	0.0	NNW	4.8	N	2.2	NE	2.0	SSE	1.1	1.7	1.7
12	29.0	18.0	23.5	11.0	SSE	1.1	—	0.0	SSE	1.3	S	3.0	SSE	7.3	SSE	1.3	2.3	2.2
13	31.4	22.4	26.9	9.0	—	0.0	—	0.2	—	0.0	SSE	3.8	SSE	4.6	SE	2.4	1.8	2.0
14	31.8	23.5	27.7	8.3	—	0.4	SSE	1.7	SE	2.2	SE	4.0	S	6.5	SE	2.4	2.9	2.3
15	**33.6**	23.9	28.8	9.7	SSE	3.6	—	0.0	S	1.5	NNW	2.2	NW	1.1	SE	3.6	2.0	1.8
16	31.8	23.7	27.8	8.1	—	0.0	—	0.4	SSE	3.6	S	5.0	S	3.0	SSE	2.2	2.4	2.5
17	32.0	21.6	26.8	10.4	—	0.4	—	0.2	SSE	4.0	SSE	4.8	S	1.3	SSE	0.7	1.9	1.9
18	30.7	21.5	26.1	9.2	—	0.0	—	0.0	SE	4.4	SSE	4.6	SSE	5.4	—	0.0	2.4	2.3
19	30.5	24.6	27.6	5.9	SE	4.0	SE	5.0	SSE	7.6	SSE	9.8	SSE	**10.1**	SSE	7.4	7.3	7.1
20	28.0	21.2	24.6	6.8	SSE	2.6	SW	0.9	NNW	5.5	N	4.4	NNW	2.2	N	0.7	2.7	3.2
21	28.4	17.3	22.9	11.1	—	0.2	—	0.4	ESE	2.2	SSE	1.5	S	4.4	SE	3.8	2.1	2.4
22	31.8	20.6	26.2	11.2	SE	0.9	—	0.0	—	0.2	SSE	0.9	—	0.0	SSE	0.7	0.5	0.8
23	28.4	19.4	23.9	9.0	—	0.4	—	0.0	E	0.9	N	1.1	NNW	0.9	SSW	1.5	0.8	1.0
24	27.7	18.4	23.1	9.3	N	1.7	N	0.7	WSW	1.5	SSE	7.3	S	5.0	S	3.6	3.3	3.0
25	21.0	17.7	19.4	**3.3**	S	2.8	S	3.2	SSE	4.0	SE	5.0	SE	3.4	S	1.1	3.3	3.1
26	26.1	17.8	22.0	8.3	—	0.0	W	0.9	SSE	3.0	SSE	4.2	SSE	3.4	SSE	3.4	2.5	2.1
27	28.5	20.8	24.7	7.7	E	0.9	—	0.0	SSE	3.4	SSE	4.4	SSE	5.7	SSE	5.7	3.4	2.9
28	30.8	22.7	26.8	8.1	SSE	4.8	SSE	6.5	SE	3.2	WSW	2.4	S	0.9	NNE	2.4	3.4	3.3
29	28.0	17.9	23.0	10.1	NW	0.7	—	0.0	NNW	3.6	NNW	2.4	N	3.6	—	0.2	1.8	1.6
30	24.6	**15.2**	19.9	9.4	SSW	1.1	WSW	0.7	—	0.4	S	0.9	ESE	1.5	W	0.9	0.9	1.1
31	23.6	15.8	19.7	7.8	—	0.2	—	0.0	—	0.2	S	2.0	SSW	1.1	SE	1.1	0.8	1.0
Mean	28.8	20.1	24.4	8.8		1.4		1.1		2.8		3.8		3.8		2.3	2.5	2.5

AUGUST, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
1	25.4	26.1	28.8	28.9	26.4	26.6	27.0	3	10	10	6	7	10	7.7	—	—	st	ci	—	sc,st	—	—	sc,ns	—	—	sc	—	—	sc	—	—	ns
2	25.5	26.7	28.1	25.7	27.0	25.7	26.5	5	10	10	4	4	10	7.2	cs	—	sc	—	—	sc	cs	—	sc,cu	ci	—	cu	—	—	sc	—	—	sc
3	25.5	25.9	28.2	29.0	27.1	26.7	27.1	10	10	6	4	7	10	7.8	—	—	st	—	—	sc,st	—	—	sc	—	—	sc,cu	cs	—	cb,sc	cs	—	sc
4	26.9	26.7	27.3	31.2	29.4	27.1	28.1	10	9	10	9	10	10	9.7	—	—	ns	—	—	sc	—	ac	sc	—	accb,cu		cs	—	sc,cb	—	—	st
5	21.8	23.0	22.7	24.9	22.1	21.5	22.7	9	10	9	7	8	0	7.2	—	—	sc	—	as	sc	—	ac	sc	cs	ac	cu	cs	—	sc	—	—	—
6	18.4	18.7	22.4	23.2	25.7	24.2	22.1	0	7	0	1	6	0	2.3	—	—	—	cs	—	—	ci	—	cu	ci	—	cu	ci	—	cu	—	—	—
7	23.7	23.8	24.6	25.8	28.2	25.7	25.3	10	10	10	9	10	10	9.8	—	—	st	—	—	st	—	—	sc	cs,cc	—	sc	—	ac	—	—	as	—
8	24.0	25.2	26.4	28.6	28.0	27.7	26.7	10	10	10	10	10	10	10.0	—	—	sc	—	—	st	—	—	ns,st	—	ac	st	—	ac,as	—	—	—	st
9	27.2	25.9	25.1	25.0	20.8	20.0	24.0	3	10	8	6	5	1	5.5	—	—	sc	—	—	ns,sc	—	—	ns,sc	cs	—	sc	—	acsc,cu		—	—	sc
10	19.4	20.6	22.0	21.5	19.5	18.6	20.3	3	10	10	10	7	9	8.2	cs	—	sc	—	—	sc	cs	—	sc	cs	—	sc	cc	—	sc	cc	—	—
11	17.7	18.3	20.2	19.5	21.0	21.2	19.7	0	10	9	2	9	10	6.7	—	—	—	—	ac	st	cc	ac	sc	cc	—	cu	cs	ac	—	cs	ac	—
12	21.0	20.3	22.4	24.1	25.4	24.7	23.0	10	10	8	3	10	10	8.5	—	as	—	—	as	—	—	—	st	cc	—	cu	cc	—ns,st		—	—	st
13	24.9	25.6	28.9	30.3	31.0	28.7	28.2	10	10	10	7	8	7	8.7	—	—	st	—	—	st	—	—	sc,st	cc	acsc,cb		—	-sc,st,cb		—	—	st
14	28.0	28.6	29.4	30.3	29.4	29.0	29.1	10	10	10	4	7	7	8.0	—	—	st	—	—	st	—	—	sc	—	—	sc	ci	—	—	—	—	sc
15	28.4	28.7	30.0	29.8	**31.9**	28.4	29.5	10	10	6	8	7	0	6.8	—	—	st	—	—	st	—	—	cu	ci	—	cu	ci,cc	—	cu	ci	—	—
16	28.3	28.8	28.4	29.4	27.2	26.9	28.2	10	10	10	2	3	10	7.5	—	—	st	—	—	st	—	—	sc,st	—	—	cu	ci	—	sc	—	—	sc
17	26.7	26.6	27.9	27.3	29.3	26.4	27.4	10	10	9	3	7	3	7.0	—	—	sc	—	—	sc	cs	—	sc	cs	—sc,cu		cs	ac	sc	—	ac	—
18	25.4	25.8	27.8	29.1	28.7	29.5	27.7	9	10	10	4	10	10	8.8	—	—	sc	—	—	st	—	—	sc,st	cc	—	cu	—	-ns,sc,cu		—	—	ns
19	29.3	30.1	31.4	31.3	30.2	29.9	30.4	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns,sc	—	—	sc	—	—	sc,st	—	—	st	—	—	st
20	28.3	28.9	28.5	29.8	23.3	22.1	26.8	10	10	10	7	3	5	7.5	—	—	st	—	—	st	—	—	sc,st	cs	—	sc	cs	—	sc	—	—	sc
21	20.3	21.2	21.7	23.9	25.1	23.3	22.6	0	10	7	4	1	10	5.3	—	—	—	—	—	≡	—	—	sc,cu	cc	—	cu	cc	—	cu	—	—	st
22	23.4	23.6	23.6	25.6	28.9	26.0	25.2	10	10	4	0	0	0	4.0	—	—	st	—	—	st	—	—	cu	—	—	cu	—	—	cu	—	—	—
23	22.8	21.9	28.0	28.4	29.2	26.9	26.2	0	5	10	10	10	10	7.5	—	—	—	—	ac	sc	—	—	sc,ns	—	—	sc	—	—	ns	—	—	sc
24	22.4	21.5	22.9	22.5	18.9	18.1	21.1	10	6	4	3	10	10	7.2	—	—	sc	—	ac	sc	—	—	cu,sc	—	—	cu	—	as	sc	—	—	st
25	17.9	17.3	17.5	18.0	17.8	18.9	17.9	10	10	10	10	10	10	10.0	—	—	sc	—	—	sc	—	as	cu,st	—	as	sc,st	—	—	st	—	—	st
26	19.1	20.0	21.0	23.1	23.4	23.7	21.7	10	10	10	9	9	10	9.7	—	—	st	—	—	sc,st	—	—	sc	cc,ci	—	cu	ci,cc	—	cu	—	as	—
27	23.3	23.9	25.7	27.8	26.3	25.8	25.5	10	10	10	10	9	10	9.8	—	—	st	—	—	st	—	—	st	cs	—	st,sc	cc	—	sc	—	—	st
28	26.5	25.5	28.1	27.2	26.8	26.3	26.7	10	9	7	10	10	10	9.3	—	—	st	—	ac	st	ci	—	cu	cs	—	sc,cu	ci	—	sc	—	—	ns
29	24.9	25.6	24.0	24.0	20.7	20.2	23.2	5	10	9	7	8	1	6.7	—	—	st	—	—	≡	—	—	sc	cs	—	sc	—	ac	sc	—	—	sc
30	17.9	18.5	20.4	20.1	22.4	19.2	19.8	0	7	10	10	10	10	7.8	—	—	sc	cs	ac	sc	—	as	sc	—	as	cu	—	as	ns	—	as	ns
31	**17.3**	17.6	18.4	19.9	21.6	21.6	19.4	10	10	10	10	10	10	10.0	—	—	ns	—	as	ns	—	—	ns	—	as	sc	—	—	sc	—	—	st
	23.6	23.9	25.2	26.0	25.6	24.5	24.8	7.3	9.5	8.6	6.4	7.6	7.5	7.8																	

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	5.1	417	(6.1)	1.8	95	93	90	74	83	93	88	—	0.2	1.6	0.4	0.0	0.1	2.3	●, ○	○, ●, ☽
2	7.9	505	6.5	2.0	96	93	77	64	81	92	84	0.0	—	—	—	—	—	0.0	○	○
3	9.2	542	6.4	1.9	96	95	76	69	83	91	85	—	0.0	—	—	—	—	0.0	●, ○	○
4	3.6	397	5.0	1.6	96	93	76	77	89	93	87	0.0	0.0	—	—	—	—	0.0	☽, ≈	⊤
5	5.0	414	5.6	1.8	78	90	73	68	68	85	77	—	—	—	—	—	—	—	○	○, ≈, ▲
6	11.6	578	5.5	1.7	93	94	69	**53**	75	93	80	—	—	—	—	—	—	—	▲, ○, ≈	○, ≈, ▲
7	4.1	330	3.9	1.0	96	96	83	70	83	93	87	—	0.0	0.1	—	—	—	0.1	☽, ≈	≈, ≈, ▲
8	0.2	272	(3.1)	1.2	93	95	80	80	87	93	88	—	—	0.0	—	—	—	0.0	●	≈
9	6.6	411	5.2	1.9	97	89	79	72	75	88	83	—	—	0.7	0.0	—	—	0.7	●, ○	○, ●, ▲
10	6.6	495	5.3	1.7	95	91	74	70	76	83	82	—	—	—	—	—	—	—	▲, ○	○
11	5.9	511	5.3	1.5	94	96	71	57	72	93	81	—	—	—	—	—	—	—	▲, ≈	≈, ▲
12	5.9	457	4.9	1.5	93	94	77	63	84	90	84	—	—	—	—	—	0.0	0.0	▲, ≈	≈, ●
13	3.7	361	5.2	1.4	91	93	86	69	86	95	87	—	—	—	—	—	—	—	—	≈
14	3.5	332	5.0	1.5	97	96	77	66	83	94	86	—	—	—	—	—	—	—	—	≈, ▲
15	8.6	421	4.8	1.6	94	95	80	62	78	93	84	—	0.0	0.0	—	—	—	0.0	☽	≈, ○
16	6.7	427	7.0	2.0	94	94	79	65	77	92	84	—	—	—	—	—	—	—		○
17	9.6	527	6.2	1.9	93	92	68	60	80	91	81	—	—	—	—	—	—	—	○	○, ▲
18	5.5	389	5.3	1.9	96	96	76	68	83	94	86	—	—	—	—	—	0.3	0.3	▲, ≈	≈, ●
19	2.5	320	(5.5)	2.0	90	89	80	78	86	88	85	0.0	0.4	—	—	—	—	0.4	●, ≈	●, ≈
20	4.1	278	4.1	1.4	97	98	92	81	81	84	89	**9.8**	0.2	—	—	—	—	**10.0**	●	○, ▲
21	7.1	445	4.8	1.2	95	98	67	64	86	92	84	—	—	—	—	—	—	—	▲, ≡, ○	○, ≈
22	7.9	473	5.8	1.4	95	94	72	59	76	93	82	—	—	—	—	—	—	—		○, ▲
23	2.9	274	(3.2)	1.2	94	89	74	79	93	92	87	—	—	0.0	0.2	0.1	0.1	0.4	▲, ●	●
24	6.3	397	4.7	1.8	90	86	73	66	76	83	79	—	0.0	—	—	—	—	0.0	●, ○	○
25	—	190	2.7	1.1	87	83	73	75	80	92	82	—	—	—	—	—	—	—		
26	4.8	346	3.6	1.2	93	94	73	72	84	91	85	—	—	—	—	—	—	—		≈
27	3.5	321	5.0	1.7	94	95	81	73	86	93	87	—	—	0.0	—	—	—	0.0	☽	
28	3.5	290	(3.0)	1.2	94	91	76	64	87	93	84	—	—	—	—	0.2	0.3	0.5	≈, ≈	≈, ●
29	5.6	406	4.5	1.3	97	99	77	71	79	91	86	1.3	—	—	0.0	—	—	1.3	≡, ○	○, ▲
30	1.7	284	(2.1)	0.7	94	96	73	67	90	93	86	—	—	—	—	0.0	0.2	0.2	≈, ▲, ○, ≈	○, ≈, ●
31	1.1	258	(2.1)	0.7	94	96	85	73	90	95	89	0.9	2.2	0.3	0.2	—	—	3.6	●	
	160.3	11736	145.4	46.8	94	93	77	69	82	91	84	12.0	3.0	2.7	0.8	0.3	1.0	19.8		

SEPTEMBER, 1954 .

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	8.8	9.5	9.1	8.0	6.8	6.9	8.2	16.3	17.0	16.6	15.3	14.1	14.3	15.6	19.2	18.9	21.4	21.9	21.3	20.1	20.5
2	6.0	4.3	3.4	1.0	1.2	1.9	3.0	13.3	11.7	10.9	8.3	8.6	9.3	10.4	19.5	19.6	19.3	20.8	20.7	18.7	19.8
3	2.1	3.6	4.2	2.0	2.5	3.9	3.1	9.6	11.0	11.4	9.3	9.9	11.3	10.4	17.6	16.8	19.8	24.7	19.7	17.3	19.3
4	3.9	4.4	5.0	3.7	4.3	6.6	4.7	11.3	11.9	12.3	10.9	11.6	14.1	12.0	15.7	15.0	22.1	24.0	20.3	17.3	19.1
5	6.9	8.2	9.0	7.6	8.0	9.2	8.2	14.4	15.7	16.3	14.9	15.4	16.7	15.6	13.3	13.3	22.6	24.1	19.9	17.9	18.5
6	8.2	8.2	7.3	5.7	6.5	7.3	7.2	15.7	15.6	14.8	13.1	13.9	14.6	14.6	17.9	18.3	21.1	23.0	22.2	21.5	20.7
7	6.6	7.4	7.6	6.4	6.5	7.7	7.0	14.0	14.8	14.9	13.6	13.7	15.0	14.3	21.2	21.2	23.5	26.9	24.8	24.0	23.6
8	6.4	5.9	5.7	4.2	4.6	6.0	5.5	13.7	13.2	13.0	11.2	11.9	13.2	12.7	23.6	23.8	28.2	28.9	25.1	24.1	25.6
9	5.5	6.8	7.4	6.1	6.8	7.2	6.6	12.8	14.3	14.8	13.5	14.3	14.6	14.1	23.6	21.8	23.5	26.4	21.3	20.7	22.9
10	7.4	8.3	8.4	7.2	7.9	9.0	8.0	14.8	15.7	15.6	14.4	15.2	16.4	15.4	20.5	19.5	26.0	28.3	23.4	21.7	23.2
11	8.0	8.4	8.3	5.6	5.6	6.1	7.0	15.4	15.9	15.6	12.8	13.0	13.5	14.4	20.5	20.7	27.0	28.2	23.6	23.2	23.9
12	5.5	5.9	6.9	4.6	5.6	6.5	5.8	12.8	13.2	14.3	11.7	13.0	13.9	13.2	22.8	22.1	26.4	28.6	23.9	23.0	24.5
13	6.3	6.6	5.9	4.0	3.7	3.0	4.9	13.7	14.0	13.1	11.2	10.9	10.4	12.2	22.6	22.0	27.7	26.8	24.4	24.0	24.6
14	1.7	0.6	999.4	997.6	997.6	998.3	999.2	9.1	7.9	6.6	4.8	4.8	5.5	6.5	23.7	24.5	27.5	27.5	25.8	24.8	25.6
15	998.6	999.9	0.6	998.4	999.6	1.6	999.8	6.0	7.0	7.7	5.5	6.8	9.0	7.0	24.2	23.9	26.2	30.2	24.0	21.2	25.0
16	1.5	1.7	1.3	0.0	0.4	2.6	1.3	8.8	9.2	8.6	7.2	7.7	10.0	8.6	20.8	20.5	26.9	27.2	24.5	21.1	23.5
17	3.3	4.2	4.3	2.6	2.9	2.9	3.4	10.8	11.6	11.4	9.9	10.3	10.3	10.7	18.7	17.5	26.3	27.2	22.8	22.1	22.4
18	2.1	1.5	0.0	999.2	998.6	998.5	0.0	9.5	8.8	6.0	6.5	6.1	5.9	7.1	22.6	22.1	23.5	20.5	18.6	17.9	20.9
19	997.0	997.3	1.1	2.4	6.4	9.0	2.2	4.4	4.7	8.6	9.9	13.9	16.6	9.7	16.9	15.9	20.1	19.2	17.1	12.5	17.0
20	8.3	9.9	9.6	7.0	6.5	6.8	8.0	16.0	17.6	17.1	14.5	14.0	14.4	15.6	9.8	10.7	17.7	22.7	17.9	17.1	16.0
21	5.6	5.7	6.5	6.6	8.8	10.8	7.3	13.2	13.3	13.9	14.0	16.3	18.4	14.9	16.1	16.0	22.8	24.3	18.6	14.0	18.6
22	11.4	12.4	12.4	10.4	11.3	11.9	11.6	19.0	20.0	19.9	17.7	18.8	19.4	19.1	12.4	12.1	18.5	22.5	18.7	18.2	17.1
23	10.9	11.6	11.4	9.6	9.9	10.5	10.7	18.5	19.0	18.8	16.8	17.2	18.0	18.1	16.9	16.3	24.6	26.6	22.3	19.9	21.1
24	8.3	7.7	8.4	6.1	5.7	6.6	7.1	15.7	15.2	15.9	13.5	13.1	14.0	14.6	18.4	19.1	20.7	23.4	21.3	18.8	20.3
25	6.1	6.9	8.6	6.6	6.5	6.0	6.8	13.6	14.4	16.0	14.0	14.1	13.6	14.3	17.5	17.5	19.5	22.4	16.7	13.8	17.9
26	2.9	998.6	993.1	**983.3**	986.4	994.8	993.2	10.5	6.1	0.3	**990.4**	993.6	2.3	0·5	13.5	13.9	23.6	26.1	22.6	18.7	19.7
27	999.7	3.9	7.0	8.2	10.3	11.9	6.8	7.0	11.4	14.5	15.6	17.7	19.4	14.3	17.1	16.0	19.5	20.1	17.3	14.5	17.4
28	11.9	12.0	10.8	8.2	6.3	5.9	9.2	19.4	19.6	18.4	15.6	13.7	13.5	16.7	13.8	13.6	14.3	15.1	14.5	14.0	14.2
29	5.3	6.8	9.1	9.1	12.0	13.9	9.4	13.0	14.4	16.7	16.7	19.6	21.6	17.0	13.9	14.3	16.2	16.6	15.9	12.7	14.9
30	14.4	16.6	**17.0**	15.0	16.4	16.4	16.0	22.0	24.2	**24.4**	22.6	24.0	24.0	23.5	12.9	12.5	17.9	19.0	15.1	14.0	15.2
Mean	5.7	6.2	6.3	4.5	5.2	6.3	5.7	13.1	13.6	13.6	11.8	12.6	13.8	13.1	18.2	18.0	22.5	24.1	20.8	19.0	20.4

Day	AIR TEMPERATURE °C				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND													
	Max.	Min.	Mean	Range	2		6		10		14		18		22		Mean	
																	6 obs.	24 h.
1	22.5	18.8	20.7	3.7	—	0.0	—	0.0	W	0.7	—	0.2	SSE	3.8	WSW	0.9	0.9	1.0
2	21.4	18.2	19.8	3.2	—	0.0	N	0.7	—	0.2	—	0.4	—	0.0	—	0.4	0.3	1.2
3	25.4	16.1	20.8	9.3	NNW	1.1	—	0.0	—	0.0	SSE	2.6	S	3.6	—	0.2	1.3	1.7
4	25.5	13.2	19.4	12.3	—	0.0	N	0.9	NNW	1.5	ENE	1.1	S	3.2	SE	3.2	1.7	1.7
5	24.5	12.0	18.3	12.5	—	0.4	—	0.2	SSE	4.8	SSE	6.3	SSE	2.6	S	3.0	2.9	2.9
6	23.4	17.9	20.7	5·5	S	1.1	SSE	1.3	SE	2.4	S	3.8	SSE	2.8	—	0.0	1.9	1.8
7	28.1	20.9	24.5	7.2	—	0.0	—	0.0	—	0.2	SE	5.0	SSE	2.2	SSE	5.0	2.1	2.0
8	29.9	23.5	26.7	6.4	SSE	2.4	SSE	2.8	SSE	10.5	SSE	11.0	SSE	6.1	SSE	5.5	6.4	6.2
9	26.8	20.6	23.7	6.2	—	0.2	N	0.9	—	0.0	NNW	0.7	NNW	2.0	NW	1.5	0.9	1.2
10	29.4	19.4	24.4	10.0	—	0.2	NNW	2.6	—	0.4	SE	4.6	SSE	3.6	SSW	3.4	2.5	2.6
11	29.0	20.2	24.6	8.8	S	2.0	—	0.0	SSE	5.4	SSE	7.3	SSE	5.0	SSE	1.7	3.6	3.6
12	29.6	21.9	25.8	7.7	SSE	2.4	—	0.4	SSE	4.4	SSE	10.1	SSE	4.8	SE	1.7	4.0	3.2
13	28.0	21.6	24.8	6.4	—	0.0	—	0.0	ESE	5.5	SSE	5.5	SE	4.8	SE	4.6	3.4	3.9
14	29.2	23.7	26.5	5.5	SE	4.4	SE	8.4	SE	9.8	SSE	10.5	SSE	9.6	SSE	6.1	8.1	7.7
15	**30.6**	21.0	25.8	9.6	S	6.3	S	1.5	S	1.1	S	4.0	—	0.2	N	0.9	2.3	2.3
16	28.2	19.6	23.9	8.6	WNW	1.5	—	0.0	S	2.4	SSE	4.2	E	1.5	—	0.0	1.6	1.6
17	28.6	16.4	22.5	12.2	NNW	1.5	W	3.8	SE	1.7	SSE	5.9	SSE	3.2	W	0.9	2.8	2.3
18	24.8	17.1	21.0	7.7	SSE	4.2	SSE	2.6	—	0.2	NNW	3.8	NW	1.3	N	2.4	2.4	2.3
19	21.6	11.1	16.4	10.5	NNW	4.0	NNW	10.0	NW	9.4	WNW	6.3	N	7.1	—	0.0	6.1	6.3
20	23.0	**9.2**	16.1	**13.8**	SSW	1.1	—	0.2	—	0.0	SSE	5.9	SSE	4.6	SSE	1.3	2.2	2.1
21	25.2	12.8	19.0	12.4	—	0.2	W	1.3	NE	1.5	NW	5.4	NW	1.1	NW	1.1	1.8	1.6
22	23.4	11.7	17.6	11.7	—	0.0	—	0.4	—	0.0	SSE	3.6	S	1.7	—	0.2	1.0	1.4
23	27.8	16.0	21.9	11.8	NNW	1.1	—	0.0	—	0.4	—	0.4	—	0.2	SSE	3.8	1.0	1.3
24	24.2	17.8	21.0	6.4	—	0.0	—	0.0	—	0.0	E	1.3	—	0.4	—	0.4	0.4	0.6
25	22.6	13.2	17.9	9.4	—	0.0	—	0.0	NE	1.3	WSW	0.9	WNW	2.6	NW	1.3	1.0	1.1
26	27.0	13.3	20.2	13.7	NW	1.3	—	0.4	SE	4.4	SSE	**19.1**	SSW	8.5	WSW	9.4	7.2	7.8
27	21.0	13.8	17.4	7.2	SW	2.0	NNW	3.2	S	0.9	NNW	0.7	—	0.2	—	0.0	1.2	2.3
28	15.2	13.4	14.3	1.8	—	0.2	—	0.0	NW	2.4	NW	3.2	NNW	3.2	NNW	0.9	1.7	1.8
29	18.2	12.7	15.5	5.5	ENE	2.2	N	1.5	NNW	4.0	NNW	4.2	NNW	1.3	—	0.2	2.2	2.3
30	20.6	12.3	16.5	8.3	—	0.2	N	1.3	S	1.3	E	2.2	S	2.6	—	0.0	1.3	1.4
Mean	25.2	16.6	20.9	8.5		1.3		1.5		2.6		4.7		3.1		2.0	2.5	2.6

SEPTEMBER, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
1	21.4	21.0	22.4	24.0	21.3	22.3	22.1	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	ns	—	—	ns	—	—	sc	—	—	ns
2	21.8	22.2	21.4	22.4	23.3	21.0	22.0	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	as	ns	—	as	ns	—	—	sc
3	19.5	18.8	21.4	21.5	20.0	18.6	20.0	2	10	10	10	10	0	7.0	—	—	≡	—	—	≡	—	—	sc,st	cs	—	sc	—	ac	sc	—	—	sc
4	17.1	16.5	17.9	19.3	20.3	18.6	18.3	4	9	10	10	8	3	7.3	—	—	sc	—	—	sc	—	—	sc	—	—	sc	cs	—	sc	—	—	sc
5	14.8	14.9	18.0	19.4	18.6	18.2	17.3	0	10	2	3	0	10	4.2	—	—	—	—	—	≡	—	—	cu	—	—	cu	—	—	sc	—	—	sc
6	19.0	19.8	21.6	23.5	24.3	24.3	22.1	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	st	—	—	st	—	—	st	—	—	st
7	24.3	24.5	26.8	29.1	28.3	27.2	26.7	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	st	—	—	sc	—	—	sc	—	—	ns
8	27.5	28.0	29.3	28.3	27.4	27.8	28.1	10	10	2	4	10	10	7.7	—	—	ns	—	—	sc	—	—	cu	ci	ac	cu	—	—	st,sc	—	ac	sc
9	27.7	25.2	23.9	25.6	23.6	23.3	24.9	10	10	10	10	10	10	10.0	—	—	st	—	as	ns	—	as	st	—	as	st	—	ac	sc,st	—	—	sc
10	23.3	21.6	27.3	27.7	23.9	23.7	24.6	10	10	4	7	6	8	7.5	—	—	st	—	—	sc,st	—	ac	sc	—	—	sc	—	—	sc	—	—	sc
11	22.8	23.3	26.1	26.8	25.6	25.6	25.0	9	8	2	2	0	10	5.2	—	—	sc	—	—	sc	—	—	cu,st	—	—	cu	cc	—	cu	—	—	st,sc
12	25.9	25.5	25.8	26.8	25.9	25.5	25.9	10	9	9	2	1	10	6.8	—	—	st	—	—	sc,st	—	—	sc	—	—	cu	—	—	cu	—	ac	—
13	25.8	25.3	28.6	28.7	27.9	28.1	27.4	10	10	9	8	9	10	9.3	—	—	st	—	—	sc,st	—	—	sc	—	ac	sc	—	—	st,sc	—	—	sc
14	28.1	28.3	29.3	30.3	29.6	29.1	29.1	10	9	10	10	10	10	9.8	—	—	st	cs	ac	sc	—	—	st,sc	—	—	st	—	—	st	—	—	st
15	28.2	27.7	28.6	**30.9**	27.9	22.8	27.7	10	10	10	3	3	3	6.5	—	—	st	—	—	st	—	—	sc,st	—	—	cu,st	—	—	sc	—	ac	—
16	22.4	22.8	26.7	27.0	27.3	22.4	24.8	10	10	4	10	7	8	8.2	—	—	sc	—	ac	sc	—	ac	sc	—	ac	sc	—	—	sc	—	—	sc
17	20.0	18.5	20.7	23.4	26.1	25.5	22.4	6	2	0	10	10	10	6.3	—	—	sc	—	ac	—	cc	—	—	—	acsc,cu		—	as	ns	—	—	ns
18	26.5	25.7	26.8	22.4	20.4	19.7	23.6	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	as	st	—	—	st	—	—	ns	—	—	ns
19	18.7	15.1	14.2	12.9	12.4	12.4	14.3	10	3	1	3	2	3	3.7	—	—	ns	—	—	sc	—	—	cu	—	ac	sc	—	ac	sc	cs	—	—
20	**11.4**	12.3	15.2	17.7	17.1	17.6	15.2	4	10	9	7	10	10	8.3	—	ac	—	—	as	—	cs	ac	cu	cc	ac	cu	cc	ac	—	—	—	st
21	17.4	17.6	19.0	20.1	17.4	15.1	17.8	10	10	7	9	9	0	7.5	—	—	ns	—	ac	ns	cc	—sc,cu		cs,cc	—	cu	cs	—	cu	—	—	—
22	13.8	13.8	17.4	20.5	19.4	19.5	17.4	2	10	9	10	4	10	7.5	ci	—	—	cc	ac	st	—	ac	sc	cs	—	sc	cc	ac	sc	—	ac	—
23	18.3	17.8	20.5	20.0	23.1	22.0	20.3	10	10	6	7	3	7	7.2	cs	ac	—	—	—	≡	ci	—	cu	cc,ci	—	cu	—	—	cu	—	—	sc
24	20.2	21.3	22.9	22.4	21.9	20.5	21.5	10	10	10	10	2	9	8.5	—	—	sc	—	—	st	—	—	ns	—	ac	st	—	—	sc	—	—	sc
25	19.2	19.4	17.5	17.9	13.7	14.8	17.1	10	10	10	10	10	10	10.0	—	—	st	—	—	sc,st	—	ac	—	—	—	sc	—	—	st	—	—	ns
26	15.0	15.5	27.7	27.0	17.8	14.1	19.5	10	10	10	10	10	3	8.8	—	—	ns	—	—	ns	—	—	st,cu	—	—	st,cu	—	as	cu	—	—	sc
27	12.8	13.0	13.0	14.5	15.5	15.5	14.1	9	2	10	9	10	9	8.2	—	—	sc	cs,cc	—	cu	—	as,ac	sc	—	ac	sc	—	—	sc	—	—	sc
28	15.3	15.1	15.8	16.6	16.0	15.6	15.7	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
29	15.5	16.0	16.6	17.0	16.6	14.0	16.0	10	10	10	10	10	10	10.0	—	—	ns	—	—	st	—	—	st	—	—	sc,st	—	—	sc	—	—	sc
30	14.4	14.2	13.5	14.4	14.4	14.6	14.3	10	7	10	10	10	10	9.5	—	—	st	ci	—	≡,sc	cs	—	cu	cs,cc	—	sc	—	—	sc	—	—	st
	20.3	20.0	21.9	22.6	21.6	20.6	21.2	8.5	9.0	7.8	8.1	7.5	8.1	8.2																		

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	—	179	(0.0)	0.8	96	96	88	92	84	95	92	—	—	0.2	0.5	0.7	0.1	1.5	☽,●	☽,●
2	—	105	(0.7)	0.1	96	97	96	91	96	97	96	0.5	3.3	**14.0**	6.1	2.7	0.9	27.5	●	●
3	3.9	350	3.6	1.0	97	98	93	69	87	94	90	—	—	—	—	—	—	—	≡,≡	○,▲
4	2.4	366	3.5	1.1	96	97	67	65	85	94	84	—	—	—	—	—	—	—	▲,○	✕,▲
5	10.4	—	4.7	1.6	97	98	65	65	80	89	82	—	—	—	—	—	—	—	▲,≡,=,○	○,2,▲
6	—	167	(1.7)	0.5	93	94	86	84	91	95	91	—	0.0	0.0	—	—	—	0.0	☽	—
7	—	217	(3.7)	1.2	97	97	93	82	90	91	92	—	0.0	0.1	—	—	0.1	0.2	=,☽	2,●
8	7.3	430	(4.2)	1.9	94	95	77	71	86	93	86	0.1	0.1	—	—	—	—	0.2	●,2,✓	2,✓
9	0.5	202	(2.7)	0.7	95	97	82	74	93	96	90	—	10.9	2.1	—	1.9	—	14.9	●,○	●,○,⊤
10	5.3	379	4.5	1.4	96	95	81	72	83	91	86	0.0	0.2	—	—	—	—	0.2	●,○	○
11	8.7	468	5.6	1.7	95	96	73	70	88	90	85	—	—	—	—	—	—	—	▲	○,2
12	5.7	419	5.3	1.6	93	96	75	68	87	91	85	—	—	—	—	—	—	—	▲	✓
13	1.6	279	(3.4)	1.4	94	96	77	81	91	94	89	—	0.1	0.2	0.8	0.0	10.3	11.4	●,○	○,●
14	0.9	244	3.4	1.6	96	92	80	83	89	93	89	0.2	0.1	—	—	—	—	0.3	●,✓	✓
15	3.9	280	(4.1)	1.0	94	93	84	72	94	91	88	—	—	—	—	2.3	—	2.3	—	●,▲
16	5.1	369	4.3	1.4	91	95	75	75	89	90	86	—	—	—	—	0.0	—	0.0	▲,2	2,●
17	8.3	414	(2.7)	1.4	92	92	60	65	94	96	83	—	—	—	—	0.1	1.6	1.7	▲,○,2	○,2,●
18	—	116	(3.2)	1.4	97	97	93	93	95	96	95	0.4	2.3	5.7	0.1	5.1	8.8	22.4	●	●
19	7.9	416	4.2	2.5	97	83	60	58	64	86	75	11.4	4.4	—	—	—	—	15.8	●,○,✓	○
20	5.1	385	(3.8)	1.2	94	95	75	64	83	90	84	—	—	—	—	—	—	—	▲,○,2	○,2
21	9.0	464	4.5	1.7	95	97	69	66	81	95	84	0.8	0.0	—	—	—	—	0.8	●,○	○,▲
22	1.7	280	2.9	0.8	96	98	82	75	90	93	89	—	—	—	—	—	—	—	▲,2	2,▲
23	10.0	434	(3.4)	1.0	95	96	66	58	86	95	83	—	—	—	—	—	—	—	▲,=,≡,○,2	○,2
24	1.8	208	(3.7)	0.6	95	96	94	78	87	94	91	—	—	1.8	0.7	—	—	2.5	●,⊤	▲
25	0.8	194	(1.8)	0.8	96	97	77	66	72	94	84	—	—	0.1	—	—	1.7	1.8	▲,●	○,✓
26	2.3	189	(5.1)	3.1	97	98	95	80	65	65	83	8.1	3.3	0.4	—	5.7	—	17.5	●,✓	●,✓
27	1.5	255	(0.9)	0.7	65	71	**57**	62	79	94	71	—	—	—	—	—	—	—	✓,○	○,▲
28	—	63	(1.5)	0.3	97	97	97	97	97	98	97	—	1.6	5.7	11.2	11.1	1.0	**30.6**	▲,●	●
29	0.8	224	1.8	0.4	98	98	90	90	92	96	94	0.4	1.1	0.0	0.0	—	—	1.5	●	▲
30	4.6	343	3.2	1.0	97	98	66	65	84	92	84	—	—	—	—	—	—	—	≡,○	○
	109.5	8439	97.1	35.9	94	95	79	74	86	92	87	21.9	27.4	30.3	19.4	29.6	24.5	153.1		

OCTOBER, 1954.

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	15.4	14.8	14.5	12.2	11.7	12.7	13.6	23.2	22.4	22.1	19.9	19.3	20.3	21.2	13.0	12.5	17.0	21.1	16.7	15.7	16.0
2	12.0	12.6	13.3	10.6	11.2	12.0	12.0	19.6	20.2	21.0	18.0	18.6	19.7	19.5	14.6	11.9	19.1	22.2	17.7	13.5	16.5
3	11.3	11.2	9.6	5.7	4.6	1.3	7.3	19.0	18.8	17.1	13.2	12.0	8.7	14.8	12.5	12.9	17.7	18.9	16.9	17.3	16.0
4	998.6	1.6	4.8	6.5	7.9	11.0	5.1	6.0	9.1	12.3	14.1	15.4	18.8	12.6	18.7	15.6	14.8	15.9	11.0	8.9	14.2
5	11.7	14.5	14.9	13.1	13.3	14.4	13.7	19.6	22.3	22.6	20.6	21.1	22.1	21.4	6.6	6.3	13.3	16.6	11.4	9.7	10.7
6	13.7	13.6	13.5	11.0	11.6	11.3	12.5	21.5	21.3	21.1	18.6	19.2	19.0	20.1	9.1	8.9	13.9	16.3	12.5	10.5	11.9
7	10.9	10.6	10.0	8.2	9.1	8.7	9.6	18.6	18.4	17.6	15.7	16.6	16.6	17.3	8.7	8.5	12.2	12.9	7.6	5.3	9.2
8	8.6	7.7	8.0	6.3	6.6	7.6	7.5	16.4	15.6	15.7	14.0	14.4	15.2	15.2	8.1	6.7	10.5	11.5	8.9	7.3	8.8
9	6.8	8.4	9.3	8.3	10.8	12.6	9.4	14.6	16.3	17.0	15.9	18.5	20.4	17.1	4.1	3.1	11.8	13.7	10.2	6.3	8.2
10	13.2	15.3	15.7	14.4	15.7	17.2	15.3	21.1	23.2	23.3	22.0	23.6	25.1	23.1	2.5	1.9	11.6	14.0	5.7	6.3	7.0
11	17.3	17.9	16.6	14.1	14.9	14.9	16.0	25.3	25.9	24.3	21.7	22.5	22.6	23.7	3.2	2.3	11.1	15.7	11.9	10.8	9.2
12	13.1	13.1	11.4	7.7	5.7	4.3	9.2	20.8	20.8	19.0	15.3	13.3	12.0	16.9	9.2	9.7	11.5	13.7	11.7	8.3	10.7
13	3.2	4.3	4.7	5.5	8.7	9.9	6.1	10.8	12.0	12.3	13.1	16.3	17.6	13.7	10.6	8.7	16.3	13.1	9.9	8.1	11.1
14	9.6	10.1	11.7	11.3	14.3	16.6	12.3	17.5	18.0	19.4	18.9	21.9	24.3	20.0	5.1	5.5	12.4	15.8	12.1	8.2	9.9
15	16.8	18.3	18.5	16.3	16.7	17.3	17.3	24.8	26.3	26.3	23.7	24.4	25.2	25.1	4.9	2.3	12.2	17.6	10.8	5.7	8.9
16	16.2	16.0	14.9	12.3	12.4	13.5	14.2	24.0	23.9	22.6	19.7	20.0	21.2	21.9	4.5	4.8	14.6	19.6	12.3	7.0	10.5
17	12.8	13.1	12.0	9.5	11.4	11.7	11.8	20.7	21.0	19.7	17.1	19.0	19.4	19.5	4.7	5.5	12.1	19.6	14.1	12.9	11.5
18	11.0	11.9	13.7	13.3	15.3	17.1	13.7	18.8	19.6	21.5	21.0	23.0	25.0	21.5	11.8	11.3	13.1	13.7	11.7	10.7	12.1
19	17.7	18.3	18.3	16.7	17.2	18.0	17.7	25.5	26.0	26.0	24.3	25.0	25.7	25.4	9.3	8.5	14.1	15.9	12.8	11.3	12.0
20	17.9	18.9	19.3	16.6	17.7	16.8	17.9	25.7	26.8	26.9	24.2	25.5	24.6	25.6	8.4	5.7	13.3	16.5	13.1	10.7	11.3
21	15.3	13.6	12.8	9.0	9.3	9.7	11.6	23.0	21.3	20.4	16.6	17.0	17.3	19.3	10.5	9.5	9.8	13.7	12.3	11.3	11.2
22	9.3	9.3	10.5	9.3	10.9	11.7	10.2	17.0	17.1	18.1	16.8	18.5	19.4	17.8	10.9	9.7	15.5	18.6	13.8	12.2	13.5
23	11.2	12.6	14.0	12.6	14.0	14.6	13.2	18.9	20.3	21.6	20.2	21.7	22.5	20.9	10.4	11.0	15.1	17.2	11.2	8.1	12.2
24	14.4	15.2	16.0	14.9	16.8	18.3	15.9	22.3	23.0	23.6	22.5	24.6	26.1	23.7	6.5	5.5	14.8	16.5	11.0	5.8	10.0
25	18.5	20.2	20.6	18.6	20.2	20.8	19.8	26.5	28.2	28.3	26.3	27.9	28.7	27.7	4.4	2.1	10.1	16.5	11.5	8.0	8.8
26	20.8	20.8	**21.1**	19.0	20.2	19.9	20.3	28.7	**28.8**	**28.8**	26.6	27.9	27.6	28.1	6.4	6.3	10.9	15.1	12.7	10.1	10.3
27	18.5	18.5	18.4	14.9	14.3	12.6	16.2	26.3	26.4	26.0	22.5	21.9	20.3	23.9	8.6	7.3	14.5	17.9	14.5	12.9	12.6
28	10.1	7.6	4.8	0.6	999.0	997.9	3.3	17.7	15.2	12.4	8.0	6.6	5.5	10.9	11.7	11.7	12.5	14.6	14.1	12.7	12.9
29	997.9	0.8	2.8	3.3	4.0	5.3	2.4	5.3	8.4	10.4	10.9	11.6	13.1	10.0	12.5	11.0	12.7	12.3	10.1	7.8	11.1
30	4.3	2.4	999.6	994.3	**993.1**	994.1	998.0	12.0	10.1	7.2	1.7	**0.7**	1.7	5.6	5.9	5.1	10.5	12.6	11.1	10.0	9.2
31	993.7	994.5	994.8	996.2	998.1	2.4	996.6	1.3	2.3	2.4	3.7	5.7	10.0	4.2	6.9	6.3	8.5	8.9	9.5	9.3	8.2
Mean	11.3	11.9	11.9	10.1	10.9	11.5	11.3	19.1	19.6	19.6	17.6	18.5	19.2	19.0	8.5	7.7	13.1	15.7	12.0	9.8	11.1

Day	AIR TEMPERATURE °C				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND													
	Max.	Min.	Mean	Range	2		6		10		14		18		22		Mean 6 obs.	Mean 24 h.
1	22.4	12.4	17.4	10.0	N	0.7	NNW	2.6	N	1.1	W	1.1	SE	2.8	ENE	0.7	1.5	0.5
2	**23.0**	11.8	17.4	11.2	N	0.7	NW	1.3	N	2.2	SE	5.7	S	2.6	ESE	0.9	2.2	2.0
3	20.6	12.0	16.3	8.6	W	0.9	NW	0.9	—	0.2	ESE	7.8	SE	5.7	SE	5.7	3.5	3.8
4	18.8	8.1	13.5	10.7	SSE	7.3	NW	7.1	NW	**10.5**	WNW	9.3	NNW	8.5	N	7.4	8.4	7.2
5	17.3	5.0	11.2	12.3	N	4.6	NE	4.2	N	5.2	N	2.0	W	3.0	NNE	0.7	3.3	3.7
6	16.6	8.6	12.6	8.0	WNW	0.9	W	1.7	—	0.4	—	0.0	NNW	3.0	ENE	1.3	1.2	1.1
7	14.6	5.0	9.8	9.6	—	0.0	NW	5.2	WNW	5.0	WNW	7.4	NW	4.8	SE	1.1	3.9	3.9
8	12.2	5.3	8.8	6.9	NNW	2.6	NNW	3.6	SSE	2.0	—	0.0	N	0.7	NNW	0.7	1.6	2.3
9	14.4	2.6	8.5	11.8	—	0.4	—	0.0	—	0.4	NNW	3.4	—	0.0	SSE	0.7	0.8	1.3
10	14.6	1.4	8.0	13.2	W	1.1	NW	1.5	—	0.4	NW	4.6	W	4.4	—	0.4	2.1	1.5
11	17.6	**1.2**	9.4	**16.4**	NE	0.7	—	0.4	NNW	2.0	S	4·8	S	3.6	SE	0.7	2.0	2.1
12	14.3	8.0	11.2	6.3	NW	1.1	—	0.0	NNW	1.7	—	0.4	—	0.4	—	0.4	0.7	0.9
13	17.5	6.6	12.1	10.9	N	4.8	E	0.9	WSW	5.4	WNW	7.8	—	0.2	WNW	1.1	3.4	2.9
14	17.4	3.7	10.6	13.7	—	0.4	E	1.7	—	0.0	NNW	4.2	N	3.4	E	0.9	1.8	2.6
15	17.9	1.4	9.7	16.5	SSE	2.2	—	0.0	NNW	1.1	S	3.2	SSE	3.6	—	0.2	1.7	1.4
16	20.1	4.2	12.2	15.9	NNE	0.7	—	0.2	—	0.0	S	2.2	SSE	2.2	—	0.2	0.9	1.7
17	20.3	4.4	12.4	15.9	NW	1.1	NNW	1.7	N	1.1	SW	1.3	SE	0.9	WNW	1.1	1.2	1.1
18	14.2	10.3	12.3	3.9	NNW	1.5	—	0.4	NNW	2.2	N	3.6	N	4.4	N	2.8	2.5	2.6
19	16.8	7.8	12.3	9.0	WNW	2.0	—	0.2	NNW	2.8	N	1.1	N	2.6	NNW	4.0	2.1	1.9
20	16.6	5.6	11.1	11.0	NNE	0.7	—	0.4	—	0.4	S	0.7	ENE	0.9	NW	1.7	0.8	0.9
21	14.4	9.4	11.9	5.0	WNW	1.3	NNW	2.8	N	3.4	NNW	6.1	NW	3.0	—	0.4	2.8	2.9
22	19.8	9.6	14.7	10.2	—	0.0	—	0.0	SE	1.5	W	0.9	SE	1.1	—	0.0	0.6	0.9
23	17.9	7.8	12.9	10.1	NE	1.1	—	0.2	N	1.1	NNW	2.8	WSW	1.5	ENE	0.7	1.2	1.9
24	17.0	5.2	11.1	11.8	N	1.1	E	0.9	NNW	3.6	NW	3.8	W	3.6	—	0.0	2.2	2.5
25	16.9	2.0	9.5	14.9	—	0.0	—	0.0	NNW	0.9	SSE	1.5	SSE	4.0	—	0.0	1.1	1.4
26	16.5	5.9	11.2	10.6	WNW	0.9	—	0.2	NNW	1.1	—	0.0	SSE	1.3	WNW	0.9	0.7	0.9
27	19.2	7.2	13.2	12.0	NW	1.1	NNW	1.3	W	0.7	SSE	5.0	S	2.0	WSW	2.2	2.1	1.8
28	16.3	11.5	13.9	4.8	—	0.0	—	0.4	NNW	1.1	—	0.4	—	0.0	ESE	1.3	0.5	0.9
29	14.8	7.4	11.1	7.4	SSW	3.2	WNW	3.8	WNW	7.3	WNW	9.1	NE	3.2	ESE	2.2	4.8	4.0
30	13.8	4.9	9.4	8.9	S	1.5	—	0.2	SE	1.7	S	3.2	ESE	1.5	S	2.4	1.8	1.7
31	9.9	6.1	8.0	3.8	ENE	2.4	SE	5.0	WSW	6.5	W	6.3	WNW	8.9	NNW	6.9	6.0	5.7
Mean	16.9	6.5	11.7	10.4		1.5		1.6		2.4		3.5		2.8		1.6	2.2	2.2

OCTOBER, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
1	14.2	12.6	14.3	16.1	16.6	16.8	15.1	10	10	8	5	6	10	8.2	—	—	st	—	—	sc	—	—	sc	—	ac	sc	—	—	sc	cs	—	ns
2	16.1	13.3	15.2	17.2	16.5	14.1	15.4	10	0	2	5	10	4	5.2	cs	—	sc	—	—	cu	—	—	cu	—	—	sc	—	—	sc	—	—	sc
3	13.8	14.6	18.3	16.1	16.5	19.4	16.5	8	10	10	10	10	10	9.7	—	—	sc	—	—	sc,st	—	—	cu,sc,st	—	—	sc	—	—	ns	—	—	ns
4	**21.2**	15.4	11.1	10.8	9.0	8.3	12.6	10	10	9	3	0	0	5.3	—	—	ns	ci	as	sc	—	ac	sc	—	ac	sc	—	—	—	—	—	—
5	8.0	7.7	9.0	10.0	10.6	10.9	9.4	0	10	10	0	2	10	5.3	—	—	—	cs	—	—	cs,ci	—	—	ci	—	cu	ci	—	—	cs	—	—
6	11.0	11.1	12.1	11.9	12.4	10.6	11.5	10	10	10	10	10	10	10.0	—	as	—	—	as	—	—	as,accu		—	as	cu	—	as	—	—	as	—
7	9.7	8.5	7.5	7.7	7.8	7.6	8.1	10	9	4	2	4	7	6.0	—	—	st	ci	ac	sc	cs	—	cu	—	—	cu	—	—	sc	—	—	sc
8	8.3	7.5	7.8	9.0	9.6	8.6	8.5	10	7	10	10	10	10	9.5	—	—	sc	—	ac	—	—	as	sc	—	as	sc	—	as	—	cc	as	sc
9	7.7	7.2	8.5	8.8	9.8	8.1	8.4	0	1	3	10	10	7	5.2	—	—	cu	—	—	sc	cs	—	cu	—	ac	sc	—	—	sc	cs	—	—
10	7.1	6.8	8.7	7.8	9.3	8.5	8.0	4	3	6	8	10	2	5.5	ci	—	sc	—	ac	sc	cs	—	sc	cs	—	sc	cs	—	sc	cs	—	sc
11	7.1	7.0	8.4	11.1	11.1	12.2	9.5	4	5	1	6	8	9	5.5	—	—	sc	—	—	sc	ci	—	cu	—	ac	cu	—	—	sc	—	—	sc
12	11.2	11.6	13.3	14.0	12.7	10.7	12.3	9	10	10	10	3	1	7.2	ci	as	—	—	—	ns	—	—	st	—	—	st	—	ac	—	—	ac	sc
13	10.9	10.4	9.1	11.7	10.7	10.0	10.5	5	9	3	8	6	2	5.5	—	ac	sc	—	—	sc	—	—	sc	—	—ns,sc		—	—	sc	—	—	sc
14	8.4	8.8	11.0	10.2	9.8	9.1	9.6	3	8	8	5	0	0	4.0	—	—	sc	—	—	sc	—	—sc,cu		—	—	cu	—	—	cu	—	—	—
15	8.2	7.0	9.8	9.1	10.7	8.4	8.9	0	5	3	2	1	2	2.2	cs	—	—	ci	—	≡	ci	—	cu	ci	—	cu	—	—	sc	—	ac	—
16	7.9	8.4	11.8	11.9	11.8	9.2	10.2	7	9	3	5	0	0	4.0	—	ac	—	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	—
17	8.2	8.9	11.9	10.9	13.3	13.4	11.1	0	10	6	9	10	10	7.5	—	—	—	—	—	≡	ci	—	cu	ci,cs	—	cu	—	as	—	—	as	sc
18	12.6	12.8	12.5	13.4	10.8	10.5	12.1	10	10	10	10	10	10	10.0	—	as	—	—	as	st	—	—	st	—	—	st	—	—	sc	—	—	sc
19	10.8	10.4	11.8	12.7	11.6	11.3	11.4	10	10	10	10	8	10	9.7	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
20	10.0	8.6	11.7	13.1	11.6	12.1	11.2	2	5	10	10	10	10	7.8	—	—	sc	—	ac	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
21	11.8	11.6	11.8	12.9	12.2	12.0	12.1	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	sc	—	—	st	—	—	sc
22	12.4	11.6	14.1	13.6	13.1	13.1	13.0	10	10	4	3	3	10	6.7	—	—	st	—	—sc,st		—	—	sc	—	—	sc	—	—	sc	—	—	ns
23	12.2	12.8	12.1	11.0	10.3	10.0	11.4	6	10	7	3	0	2	4.7	—	—ns,sc		—	—	≡	ci	—	cu	—	—	cu	—	—	sc	—	—	sc
24	9.3	8.8	8.9	9.6	9.4	8.4	9.1	0	3	2	4	0	0	1.5	—	—	—	ci	—	cu	ci	—	cu	ci	—	cu	—	—	—	—	—	—
25	8.0	**6.9**	7.8	11.5	10.5	9.8	9.1	0	9	7	8	10	10	7.3	—	—	—	cs	—	sc	cs	—	sc	cs	ac	sc	cs	ac	sc	cs	—	sc
26	9.1	9.2	11.2	12.6	11.8	11.5	10.9	10	10	10	10	10	7	9.5	cs	—	sc	cs	—	sc	—	as	sc	cc	ac	cu	—	—	sc	—	—	sc
27	10.5	9.7	12.8	12.8	13.3	13.6	12.1	10	9	10	9	10	10	9.7	—	—	sc	—	ac	sc	—	as	cu	cs	ac	sc	—	—	st	—	—	st
28	13.1	13.3	14.0	15.6	15.1	14.0	14.2	10	10	10	9	10	10	9.8	—	—	st	—	—	ns	—	—	st	—	ac	sc	—	as	—	cs	—	sc
29	10.9	9.2	8.3	8.0	8.1	9.2	9.0	10	9	4	7	8	9	7.8	—	—	ns	—	—	sc	—	—sc,cu		—	—cu,sc		—	—	sc	—	—	st
30	8.8	8.5	10.3	11.3	12.0	7.9	9.8	7	10	10	10	10	3	8.3	—	—	st	—	—	≡	—	as	—	—	—	st	—	—	ns	—	—	sc
31	8.6	9.0	9.0	9.7	7.7	8.9	8.8	9	10	10	9	0	10	8.0	—	—	sc	—	—st,sc		—	—	ns	—	—	ns	—	—	—	—	—	ns
	10.6	10.0	11.1	11.7	11.5	10.9	10.9	6.6	8.1	7.1	7.1	6.4	6.6	7.0																		

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	4.9	322	2.6	0.7	95	87	74	64	87	94	84	—	—	—	—	—	0.0	0.0	—	○,●
2	8.5	374	(3.2)	1.0	97	95	69	64	82	91	83	0.0	—	—	—	—	—	0.0	▵	▵
3	0.3	187	(4.3)	1.5	96	98	90	74	86	98	90	—	—	0.2	—	0.2	16.6	17.0	●	○,●,↙
4	4.7	321	(4.7)	2.9	98	87	66	60	69	73	76	**18.3**	1.1	—	—	—	—	19.4	●,○	○,↙,▵
5	10.6	433	3.0	1.1	82	81	59	53	79	90	74	—	—	—	—	—	—	—	○	○
6	—	218	2.5	1.2	95	98	76	64	86	84	84	—	—	—	—	—	—	—	○	○
7	6.0	364	2.8	1.5	86	76	53	52	74	86	71	—	—	—	—	—	—	—	○	○,●
8	—	160	1.3	0.5	77	76	62	66	84	84	75	0.1	—	—	—	—	—	0.1	○,≈	○,≈
9	5.9	332	2.7	1.0	94	94	61	56	79	85	78	—	—	—	—	—	—	—	▵,⊔,○	○
10	6.1	339	2.2	0.9	97	97	64	49	83	89	80	—	—	—	—	—	—	—	⊟,⊔,○,○	○
11	7.3	385	(1.9)	0.8	92	97	63	62	80	94	81	—	—	—	—	—	0.7	0.7	▵,○	○,●
12	—	132	(1.4)	0.4	96	96	98	89	92	98	95	—	0.4	1.7	1.3	—	—	3.4	●	●,▵
13	3.7	388	(2.4)	0.8	85	93	49	78	88	92	81	—	—	0.0	0.0	1.4	0.4	1.8	▵,●,ϒ,○,↙	(,●,↙
14	0.8	262	2.5	1.2	96	97	76	57	70	84	80	0.0	0.1	—	—	—	—	0.1	●,○	○,▵
15	9.0	404	3.2	0.9	94	97	69	**45**	83	92	80	—	—	—	—	—	—	—	▵,⊔,≡,=,○	○,▵
16	8.9	392	3.0	1.0	94	97	71	52	82	92	81	—	—	—	—	—	—	—	▵,○	○,ϒ,▵
17	7.5	356	(2.3)	0.7	96	99	85	48	83	90	84	—	—	—	—	—	—	—	▵,≡,○	○
18	—	108	1.4	0.8	91	95	83	85	79	81	86	—	0.6	—	—	—	—	0.6	●	—
19	0.2	185	1.4	0.7	93	94	73	70	79	84	82	—	—	—	—	—	—	—	○	○
20	0.9	218	(2.5)	0.5	91	94	77	70	77	94	84	—	—	—	0.0	—	—	0.0	▵,●	○
21	1.3	100	(1.9)	0.5	93	98	98	82	85	90	91	0.6	4.7	8.4	6.8	—	—	**20.5**	●	○,●
22	6.1	320	(2.3)	0.6	95	96	80	63	83	97	86	0.8	0.3	—	0.2	—	0.1	1.4	●,=,≡	○,●
23	7.2	345	2.8	1.2	97	98	71	56	78	92	82	1.7	—	—	—	—	—	1.7	●,↙,≡,○	○,▵
24	9.0	361	3.4	1.5	97	97	53	51	72	92	77	—	—	—	—	—	—	—	▵,○	○,▵
25	7.3	258	1.8	0.7	96	96	63	61	78	91	81	—	—	—	—	—	—	—	▵,⊔,≡,○,≈	≈,○,▵
26	0.5	182	1.2	0.4	94	96	86	73	81	93	87	—	—	—	—	—	—	—	▵,≈	▵
27	4.3	—	(1.1)	0.9	94	94	78	63	81	91	84	—	—	—	—	—	0.1	0.1	▵,≈	○,●
28	1.2	93	(1.5)	0.9	95	97	97	94	94	96	96	0.0	4.3	3.9	0.2	—	1.3	9.7	●	●,↙
29	6.8	292	(2.8)	1.4	75	70	57	56	66	87	69	0.5	0.2	—	—	—	0.2	0.9	●,○	○,●
30	—	130	(0.5)	0.7	94	97	81	78	91	64	84	—	—	—	—	0.4	0.5	0.9	≡	●
31	2.2	177	(1.9)	1.3	87	95	81	85	65	76	82	0.8	—	2.0	5.1	1.2	0.1	9.2	●,⌒	●,⌒,↙
	131.2	8138	72.5	30.2	92	93	73	65	81	89	82	22.8	11.7	16.2	13.6	3.2	20.0	87.5		

NOVEMBER, 1954.

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	3.7	5.7	6.8	5.7	6.0	6.1	5.7	11.4	13.5	14.4	13.3	13.7	14.0	13.4	9.3	9.3	12.7	15.8	8.3	5.0	10.1
2	3.4	1.9	2.9	3.0	4.4	6.1	3.6	11.2	9.6	10.5	10.6	12.2	13.9	11.3	5.1	4.9	12.0	11.6	8.5	8.5	8.4
3	6.3	8.0	9.5	8.4	10.8	10.5	8.9	14.0	15.7	17.1	16.2	18.5	18.4	16.7	8.4	8.8	12.1	13.1	9.1	6.7	9.7
4	10.0	10.5	11.4	10.5	12.3	12.3	11.2	17.9	18.4	19.3	18.1	20.2	20.0	19.0	2.6	3.3	7.6	13.7	8.0	7.2	7.1
5	12.2	11.9	12.2	10.4	11.4	12.8	11.8	20.0	19.7	19.9	17.9	19.2	20.6	19.6	7.5	5.3	12.1	15.0	10.0	8.7	9.8
6	12.2	13.1	13.0	11.4	13.5	14.5	13.0	19.9	20.8	20.7	19.0	21.2	22.4	20.7	9.3	9.0	12.8	13.2	7.9	5.7	9.7
7	15.0	16.6	15.7	11.9	11.9	10.1	13.5	23.0	24.6	23.4	19.4	19.7	17.9	21.3	0.9	−1.6	9.1	15.2	8.7	7.3	6.6
8	7.0	6.1	6.3	3.4	4.0	4.3	5.2	14.9	14.1	13.9	10.9	11.6	12.0	12.9	4.0	1.7	12.5	17.1	11.9	8.3	9.3
9	3.4	3.4	3.0	0.3	0.6	2.4	2.2	11.2	11.2	10.5	7.7	8.2	10.1	9.8	6.8	6.0	13.6	17.5	10.9	7.9	10.5
10	1.7	1.9	2.8	0.0	0.7	0.4	1.3	9.6	9.7	10.5	7.6	8.4	8.2	9.0	4.6	4.8	6.7	12.9	9.6	6.4	7.5
11	996.0	**989.2**	997.6	1.1	5.6	7.7	999.5	3.7	**997.0**	5.3	8.8	13.5	15.7	7.3	2.6	4.9	4.6	3.9	1.0	0.8	3.0
12	9.1	10.6	11.6	10.3	9.5	7.9	9.8	17.1	18.6	19.4	18.0	17.3	15.7	17.7	2.5	2.9	7.3	9.7	3.3	3.8	4.9
13	4.8	4.4	6.9	6.9	8.6	10.5	7.0	12.6	12.3	14.6	14.6	16.3	18.4	14.8	6.9	5.2	9.9	8.3	7.6	5.5	7.2
14	12.6	12.6	14.1	11.2	12.4	11.7	12.4	20.2	20.6	22.0	19.0	20.3	19.7	20.3	4.9	3.1	6.7	8.3	4.7	1.9	4.9
15	11.3	12.3	12.6	11.7	15.2	16.6	13.3	19.3	20.4	20.3	19.4	23.2	24.4	21.2	0.2	−0.9	7.7	8.1	4.0	3.3	3.7
16	16.2	16.2	15.6	10.9	8.8	7.4	12.5	24.2	24.0	23.4	18.6	16.7	15.3	20.4	4.7	3.3	8.4	10.6	6.0	4.5	6.3
17	6.9	9.0	11.7	11.6	13.1	13.1	10.9	14.8	16.8	19.6	19.6	21.1	21.1	18.8	4.7	4.2	6.5	3.9	2.8	2.2	4.1
18	13.6	16.6	19.3	19.0	21.2	21.9	18.6	21.5	24.6	27.2	26.9	29.3	30.0	26.6	1.9	2.4	5.7	6.3	0.0	−3.1	2.2
19	21.1	19.2	17.9	15.2	12.3	9.9	15.9	29.2	27.3	25.9	23.3	20.2	17.7	23.9	−3.7	−3.3	−0.8	0.4	2.0	3.9	−0.2
20	8.7	9.3	12.8	10.8	12.6	12.2	11.1	16.4	17.2	20.6	18.4	20.3	20.0	18.8	4.4	3.7	10.1	14.5	8.5	4.0	7.5
21	11.0	11.6	11.4	9.2	11.3	13.0	11.3	19.0	19.6	19.3	16.8	19.0	20.7	19.1	1.0	−0.1	4.2	13.3	8.9	7.7	5.8
22	15.0	17.5	19.4	18.9	21.7	22.6	19.2	22.9	25.5	27.3	26.8	29.6	30.6	27.1	5.3	3.1	6.2	8.5	6.8	2.9	5.5
23	22.9	23.2	23.7	21.9	23.0	24.0	23.1	30.9	31.2	31.6	29.6	31.0	32.0	31.1	3.8	2.5	8.9	12.5	6.6	3.2	6.3
24	23.2	22.4	21.6	18.5	17.7	17.2	20.1	31.2	30.3	29.5	26.1	25.5	25.1	28.0	4.0	4.3	7.7	13.7	9.1	6.4	7.5
25	16.2	15.4	14.3	10.8	12.6	12.6	13.7	24.2	23.3	22.0	18.4	20.2	20.3	21.4	5.0	4.4	7.9	13.0	10.8	9.0	8.4
26	13.5	17.0	19.3	20.6	22.9	24.3	19.6	21.3	24.8	27.2	28.4	30.9	32.4	27.5	8.3	8.7	9.1	9.4	4.8	0.3	6.8
27	25.6	**27.3**	26.8	23.4	23.0	21.3	24.6	33.9	**35.6**	34.8	31.3	31.0	29.3	32.7	−2.1	−3.5	2.8	9.9	6.4	4.7	3.0
28	18.9	17.6	15.6	13.1	14.3	14.4	15.7	26.9	25.5	23.4	20.8	22.1	22.3	23.5	4.2	3.7	6.1	8.3	6.1	6.7	5.9
29	15.4	16.6	18.0	17.9	20.4	22.0	18.4	23.3	24.4	25.9	25.7	28.4	30.1	26.3	5.3	5.1	8.3	8.7	4.3	1.1	5.5
30	22.1	23.3	23.0	21.3	21.9	22.1	22.3	30.1	31.4	31.2	29.2	29.9	30.1	30.3	−0.7	−0.7	2.1	5.4	0.8	0.3	1.2
Mean	12.0	12.3	13.2	11.6	12.8	13.1	12.5	19.9	20.3	21.0	19.3	20.6	20.9	20.3	4.1	3.5	8.0	10.7	6.6	4.7	6.3

Day	AIR TEMPERATURE °D				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND													
	Max.	Min.	Mean	Range	2		6		10		14		18		22		Mean 6 obs.	Mean 24 h.
1	16.6	4.5	10.6	12.1	NNE	6.5	NNW	2.2	ENE	1.5	N	1.5	ENE	2.0	—	0.0	2.3	1.7
2	12.8	4.4	8.6	8.4	W	1.1	—	0.0	W	1.1	NW	6.5	SSW	3.4	W	2.2	2.4	2.3
3	14.2	4.4	9.3	9.8	—	0.4	NNW	2.2	NW	2.4	WNW	6.7	NE	1.7	SSW	1.1	2.4	3.2
4	14.2	1.7	8.0	12.5	WNW	1.1	—	0.2	E	2.8	W	4.6	NW	1.5	—	0.4	1.8	2.0
5	15.6	5.1	10.4	10.5	ENE	1.7	NE	2.0	SE	2.4	W	**10.0**	WNW	1.5	NNE	3.0	3.4	2.7
6	14.6	5.0	9.8	9.6	NNW	3.6	WNW	4.2	WNW	6.5	NW	9.8	NNW	5.9	NNW	3.4	5.6	5.3
7	15.4	−1.8	6.8	**17.2**	—	0.4	—	0.4	N	0.9	SSE	1.3	SSE	2.8	SE	1.3	1.2	1.3
8	17.6	1.6	9.6	16.0	NNW	1.1	—	0.2	—	0.0	NW	2.6	—	0.0	—	0.0	0.7	1.0
9	**18.0**	5.7	11.9	12.3	—	0.4	—	0.0	—	0.2	S	0.9	SW	1.7	S	3.8	1.2	1.4
10	14.0	3.7	8.9	10.3	NW	1.3	—	0.2	NNW	1.3	ENE	1.5	N	1.5	—	0.4	1.0	0.9
11	7.8	0.0	3.9	7.8	NW	1.5	SSE	5.9	NW	5.5	WNW	9.4	WNW	9.6	N	3.2	5.9	6.5
12	11.6	1.5	6.6	10.1	NNW	7.4	NNE	2.8	WNW	2.2	W	2.2	—	0.2	SSE	2.4	2.9	3.2
13	11.4	4.6	8.0	6.8	SE	3.6	ENE	1.5	NW	5.0	NNW	7.6	N	5.2	NNE	2.8	4.3	4.6
14	9.1	1.5	5.3	7.6	NNW	4.6	NNW	3.2	E	0.7	NW	2.4	NNW	2.0	—	0.0	2.2	2.1
15	9.1	−1.8	3.7	10.9	—	0.4	—	0.4	NW	0.7	NW	3.6	NNW	2.6	ENE	2.4	1.7	1.5
16	11.6	2.0	6.8	9.6	N	2.8	N	5.0	SSE	2.0	SSE	4.8	ESE	0.7	NW	1.3	2.8	3.0
17	6.8	1.5	4.2	5.3	NNE	1.1	NNW	3.0	NW	4.0	NW	4.8	NNW	3.8	NNW	4.8	3.6	3.5
18	7.7	−3.8	2.0	11.5	ENE	4.0	NNW	6.7	WNW	3.6	NNW	2.6	NE	1.1	ESE	0.9	3.2	2.5
19	4.0	**−4.5**	−0.2	8.5	—	0.4	NW	0.7	—	0.2	—	0.0	NNW	1.7	NNW	2.6	0.9	0.9
20	15.2	2.6	8.9	12.6	—	0.2	—	0.0	NNW	3.0	SSE	0.7	SSE	2.8	NE	0.9	1.3	1.5
21	13.6	−0.3	6.7	13.9	N	1.5	—	0.0	N	0.9	N	2.6	N	2.0	N	2.4	1.6	1.5
22	8.6	2.9	5.8	5.7	NNW	2.8	NNW	1.5	—	0.4	SSE	1.1	SSE	1.3	—	0.0	1.2	1.7
23	13.0	2.2	7.6	10.8	WNW	0.9	NNW	1.1	—	0.4	SSE	4.2	SSE	1.3	NW	0.7	1.4	1.9
24	14.2	4.0	9.1	10.2	—	0.0	—	0.0	—	0.2	SSE	3.0	SSE	2.0	SW	0.7	1.0	1.4
25	13.2	3.9	8.6	9.3	NE	0.7	—	0.4	SSE	2.0	SSE	4.0	—	0.2	—	0.0	1.2	1.2
26	10.4	−1.0	4.7	11.4	NW	1.1	N	3.0	NNW	2.6	NNW	6.5	NNE	1.3	NNW	2.0	2.8	2.4
27	10.8	−3.8	3.5	14.6	—	0.2	—	0.4	—	0.2	S	4.8	WSW	1.1	—	0.2	1.2	0.9
28	8.5	3.5	6.0	**5.0**	WNW	1.5	—	0.2	NNW	1.5	N	1.5	ENE	0.9	N	2.2	1.3	1.1
29	9.6	0.6	5.1	9.0	N	2.0	N	2.0	N	2.8	NW	3.2	—	0.2	NW	0.9	1.9	2.0
30	5.7	−2.0	1.9	7.7	NW	1.1	—	0.4	WNW	0.9	—	0.0	—	0.4	—	0.4	0.5	0.3
Mean	11.8	1.6	6.7	10.2		1.8		1.7		1.9		3.8		2.1		1.5	2.1	2.1

NOVEMBER, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
1	8.9	8.9	9.2	8.9	9.3	8.1	8.9	8	9	6	3	0	9	5.8	—	—	sc	—	—	sc	—	—	cu	—	—	cu	—	—	—	—	—	sc
2	8.4	8.4	10.2	8.2	8.1	7.8	8.5	2	10	10	7	10	10	8.2	—	—	sc	—	ac	sc	—	—	sc	—	—	sc,st	—	—	sc	—	—	sc
3	7.6	7.1	8.7	8.3	8.9	9.0	8.3	10	8	7	3	4	4	6.0	—	—	st	—	—	sc	—	—	sc	—	—	sc,cu	—	—	sc	—	—	sc
4	7.1	7.5	10.0	7.3	7.4	8.4	8.0	2	10	8	1	3	7	5.2	—	—	sc	—	—	≡	—	—	sc,cu,ns	—	—	cu	—	—	cu	—	—	sc
5	7.9	7.9	10.3	8.2	7.9	8.2	8.4	0	3	3	3	0	1	1.7	—	—	cu	—	—	cu	—	ac	sc	—	—	cu	—	ac	—	—	—	sc
6	7.3	6.3	6.3	7.5	5.9	5.9	6.5	7	1	2	4	0	0	2.3	—	—	sc	—	—	sc	—	—	cu	—	ac	sc	—	—	—	—	—	—
7	5.4	4.8	6.9	7.8	8.6	8.7	7.0	0	0	0	1	10	10	3.5	—	—	—	—	—	—	—	—	—	ci	—	—	cs	—	—	—	as	—
8	7.5	6.6	9.7	10.6	11.0	9.6	9.2	0	2	1	5	10	10	4.7	—	ac	—	cc	—	sc	—	—	cu	—	—	sc	—	as	sc	—	as	sc
9	9.2	8.7	10.8	9.9	8.0	9.8	9.4	8	1	3	2	10	7	5.2	—	ac	sc	—	—	sc	—	—	sc,cu	cs	—	sc,cu	—	as	—	—	—	sc
10	8.1	8.5	9.5	9.3	8.7	8.6	8.8	10	10	10	9	7	6	8.7	cs	—	—	—	—	≡	—	—	ns	—	—	sc,cu	—	—	sc,cu	—	—	sc,cu
11	6.9	8.4	6.9	5.7	5.4	5.3	6.4	1	10	10	10	10	7	8.0	—	—	sc	—	—	ns	—	—	ns,sc	—	—	sc,st	—	—	ns	—	—	sc
12	4.4	4.5	5.8	6.2	5.8	6.0	5.5	10	2	4	3	0	0	3.2	—	—	sc	—	—	sc	—	—	cu	—	—	cu	—	—	—	—	—	—
13	6.4	8.1	7.1	7.4	6.6	5.8	6.9	9	8	10	9	0	1	6.2	—	—	sc	—	as	sc	—	as	sc	—	acsc,cu		—	—	—	—	—	cu
14	5.1	5.4	5.3	5.8	5.6	6.0	5.5	3	8	9	1	7	10	6.3	—	—	cu	cs,cc	—	sc	ci	—	sc	—	—	cu	—	—	sc	—	—	sc
15	5.7	5.5	5.8	5.9	4.9	5.6	5.6	8	9	6	7	7	8	7.5	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
16	5.4	5.4	6.3	7.6	7.4	7.8	6.7	3	2	6	2	0	8	3.5	—	—	sc	—	—	sc	ci	—	—	ci	—	—	—	—	—	—	—	ns
17	8.2	7.0	5.6	5.4	4.8	5.1	6.0	3	6	7	10	8	5	6.5	—	—	sc	cc	—	sc	—	—	sc	cs	—	sc	—	—	sc	—	—	sc
18	5.5	4.6	4.7	4.8	4.9	4.5	4.8	10	9	4	1	0	0	4.0	—	—	sc	—	—	sc	—	—	sc,cu	—	—	cu	—	—	—	—	—	—
19	4.3	4.5	5.1	6.0	6.9	8.0	5.8	2	7	10	10	10	10	8.2	—	—	sc	—	—	sc	—	as	—	—	—	ns	—	—	ns	—	—	ns
20	8.1	7.7	9.0	9.9	8.9	7.4	8.5	10	9	0	0	1	0	3.3	—	—	st	—	as	sc	—	—	sc	—	—	cu	—	—	sc	—	—	—
21	6.3	5.8	8.1	8.3	8.2	7.6	7.4	0	10	1	2	5	10	4.7	—	—	—	—	—	≡	—	ac	—	—	ac	—	—	ac	—	cs	—	—
22	6.9	6.2	6.8	7.5	7.1	6.6	6.9	0	10	10	10	6	3	6.5	—	—	—	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
23	7.2	6.6	8.0	9.3	8.3	7.2	7.8	10	8	0	1	0	10	4.8	—	—	st	—	ac	—	—	—	cu	—	—	sc	—	—	—	—	—	st
24	7.8	7.8	8.7	10.7	10.3	8.9	9.0	10	10	8	4	0	0	5.3	—	—	sc	—	—	sc	—	—	sc	cs	—	cu	—	—	sc	—	—	—
25	8.3	8.2	10.5	12.2	11.9	10.9	10.3	10	10	10	10	10	8	9.7	—	—	≡	—	—	≡	—	as	—	—	as	—	—	as	—	—	—	st
26	10.8	8.7	7.9	6.9	6.5	5.7	7.8	10	10	10	9	0	0	6.5	—	—	≡	cs	as	sc	—	as	—	—	as	—	—	—	—	—	—	—
27	4.9	4.4	5.1	7.1	7.5	7.5	6.1	0	9	0	8	8	10	5.8	—	—	—	cs	ac	—	ci	—	—	cs	—	sc	cs	—	—	—	as	—
28	7.6	7.5	8.1	8.7	8.5	7.7	8.0	10	10	10	10	10	10	10.0	cs	as	—	cs	as	—	—	as	—	—	as	—	—	as	—	cs	as	—
29	7.5	7.3	7.4	6.9	6.3	5.7	6.9	0	6	4	10	10	2	5.3	—	—	—	—	—	sc	—	—	sc	cs	—	sc	—	as	—	—	—	sc
30	5.2	5.3	5.9	6.2	5.7	6.0	5.7	0	10	10	10	2	10	7.0	—	—	—	—	as	—	—	as	—	—	—	sc	—	—	sc	—	—	sc
	7.0	6.8	7.7	7.8	7.5	7.3	7.3	5.2	7.3	6.0	5.5	4.9	5.9	5.8																		

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	6.0	301	(4.2)	0.7	76	76	62	49	85	93	74	0.1	—	—	—	—	—	0.1	○	○, ⌓
2	2.5	177	(2.3)	1.5	96	97	73	60	73	70	78	—	—	0.3	0.3	—	—	0.6	⌓, ●	—
3	6.4	289	2.0	1.1	69	63	62	55	77	92	70	—	—	0.0	—	—	0.0	0.0	●, ○	○, ●
4	4.4	219	(1.7)	0.9	97	97	96	47	69	83	82	—	—	0.0	0.6	—	—	0.6	≡, ●	●, ○
5	6.0	240	(4.0)	2.8	77	89	73	48	64	73	71	—	—	0.2	0.1	—	—	0.3	●, ○	●, ○, ↙
6	8.7	330	3.7	2.0	62	55	42	50	55	64	55	—	—	—	—	—	—	—	○	○, ↙
7	8.5	306	2.2	0.8	83	90	59	45	77	86	73	—	—	—	—	—	—	—	⊟, ⊔, ○	○, ◫
8	7.7	265	(2.8)	1.1	93	95	67	55	79	87	79	—	—	—	—	—	—	—	⌓, ⊔, ○, ∞	○
9	7.9	260	(1.7)	0.8	93	93	69	50	61	92	76	—	1.4	—	—	—	2.7	4.1	⌓, ⊠, ●, ○	○, ●
10	3.5	216	(1.8)	0.7	96	98	97	63	73	89	86	—	—	0.9	0.0	—	—	0.9	≡, ●	○, ⌓
11	2.6	166	(2.2)	1.2	94	97	81	70	83	81	84	—	6.1	1.0	1.3	0.1	0.1	8.6	⌓, ◠, ●, ⊤, ⧖	⧖, ⌅, ⧑, ⊠, ⊟
12	6.9	263	2.5	1.4	61	60	57	52	75	75	63	—	—	—	—	—	—	—	⊠, ○	○ ⌊↙
13	4.0	175	2.2	1.9	65	92	59	68	63	64	69	—	1.4	—	—	—	—	1.4	●, ○, ↙	○, ↙
14	4.9	217	2.0	1.0	59	71	54	53	66	85	65	—	—	—	—	—	—	—	○	○
15	5.5	219	2.7	1.7	91	96	55	54	60	72	71	—	—	—	—	—	0.0	0.0	⊟, ⊔, ○	○, ●
16	8.6	278	(2.2)	1.0	63	69	57	60	79	93	70	—	—	—	—	—	0.0	0.0	○	○, ●
17	3.1	213	2.5	1.5	96	85	58	67	64	71	74	0.8	—	—	—	—	—	0.8	●, ○	○
18	7.0	261	2.4	1.1	79	63	51	50	81	96	70	—	—	—	—	—	—	—	○	⊟, ⊔
19	—	43	(0.0)	0.1	96	98	89	94	98	98	96	—	—	—	7.9	**13.0**	6.4	**27.3**	⊟, ⊔, ●	●
20	7.8	245	1.7	0.5	97	97	73	60	80	91	83	2.7	—	—	—	—	—	2.7	●, ○	○, ⌓
21	6.7	241	2.2	1.3	96	96	99	54	72	72	82	—	—	—	—	—	—	—	⊟, ⊔, ≡, 2	○
22	—	127	0.9	0.3	77	81	71	68	72	88	76	—	—	—	—	—	—	—	1	○, 2
23	7.9	247	1.9	0.7	89	90	71	64	85	94	82	—	—	—	—	—	—	—	○, 2	○
24	5.6	200	1.4	0.5	95	94	83	68	89	93	87	—	—	—	—	—	—	—	2	○, ⌓
25	—	106	0.7	0.5	96	98	99	82	92	95	94	—	—	—	—	0.0	—	0.0	≡	2, ●
26	0.9	121	1.5	0.9	99	78	69	59	75	91	79	—	—	—	—	—	—	—	≡, ○	○, ⊟, ⊔
27	7.4	241	1.9	0.7	96	96	68	58	78	88	81	—	—	—	—	—	—	—	⊟, ⊔, 2	○
28	—	59	0.5	0.5	92	94	86	80	90	79	87	—	—	—	—	—	—	—	1	2
29	2.3	174	1.6	1.1	84	83	68	61	76	86	76	—	—	—	—	—	—	—	1	1
30	—	115	0.8	0.3	91	93	83	69	88	96	87	—	—	—	—	—	—	—	⊟, ⊔	⊟
	142.8	6314	60.2	30.6	85	86	71	60	76	85	77	3.6	8.9	2.4	10.2	13.1	9.2	47.4		

DECEMBER, 1954.

Day	STATION PRESSURE (1000mb +)							S.L. PRESSURE (1000mb +)							AIR TEMPERATURE °C						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	21.2	19.9	19.0	16.3	16.0	14.5	17.8	29.3	28.0	26.9	24.0	23.9	22.3	25.7	0.1	1.4	5.9	10.7	10.2	10.4	6.5
2	12.6	10.5	9.6	7.7	11.4	12.3	10.7	20.3	18.3	17.2	15.3	19.3	20.2	18.4	10.8	11.5	13.3	11.9	5.5	3.5	9.4
3	13.2	14.4	15.3	14.6	17.1	17.2	15.3	21.1	22.4	23.2	22.6	25.1	25.2	23.3	2.9	2.4	4.2	4.2	1.9	1.5	2.9
4	17.5	17.5	17.9	16.4	17.6	18.5	17.6	25.6	25.6	25.9	24.4	25.6	26.5	25.6	0.2	−1.7	1.9	3.3	3.1	1.8	1.4
5	19.2	19.9	22.0	18.9	20.6	21.2	20.3	27.2	27.9	29.9	26.9	28.6	29.3	28.3	0.9	0.5	4.1	4.6	2.9	−0.7	2.1
6	20.8	21.3	22.6	21.2	22.4	23.7	22.0	29.0	29.5	30.6	29.1	30.4	31.9	30.1	−1.5	−4.3	1.1	6.2	1.9	−1.2	0.4
7	23.3	26.1	**28.0**	25.9	27.4	27.6	26.4	31.4	34.4	**36.0**	33.9	35.4	35.7	34.5	0.3	−3.7	4.9	5.5	3.5	−0.6	1.7
8	27.2	25.7	23.6	18.3	14.4	12.4	20.3	35.4	33.9	31.7	26.3	22.3	20.2	28.3	−2.1	−1.0	0.3	2.1	7.5	10.2	2.8
9	9.9	8.3	9.7	9.2	11.9	11.6	10.1	17.6	15.9	17.3	17.0	19.6	19.3	17.8	10.6	10.2	12.8	12.3	9.8	8.3	10.7
10	10.6	10.3	12.2	10.5	12.7	13.6	11.7	18.5	18.1	20.2	18.4	20.6	21.5	19.6	7.0	4.3	3.5	5.2	4.7	3.0	4.6
11	13.7	14.8	16.6	14.6	16.0	15.3	15.2	21.6	22.8	24.4	22.5	24.0	23.3	23.1	2.2	0.9	4.3	4.9	2.0	−0.2	2.4
12	13.9	10.9	9.7	5.3	4.4	2.6	7.8	22.0	18.9	17.6	13.2	12.4	10.5	15.8	0.1	−0.2	−0.1	0.9	0.3	0.4	0.2
13	2.6	5.5	9.9	9.7	14.1	14.0	9.3	10.6	13.3	17.7	17.6	22.0	22.1	17.2	1.0	2.1	4.6	7.3	3.3	−0.2	3.0
14	13.9	11.6	9.0	4.2	5.0	5.1	8.1	21.9	19.6	16.8	11.9	12.8	13.0	16.0	−1.3	−0.3	6.2	9.6	4.1	4.5	3.8
15	6.5	11.2	14.0	13.9	16.3	18.0	13.3	14.4	19.2	22.0	21.9	24.4	26.1	21.3	2.0	−0.6	0.9	0.3	−1.1	−2.9	−0.2
16	15.6	15.0	14.8	11.7	12.2	11.6	13.5	23.7	23.2	22.9	19.7	20.2	19.6	21.6	−3.4	−3.1	−1.4	1.5	−0.6	−0.9	−1.3
17	11.4	14.3	16.3	15.6	19.4	21.6	16.4	19.4	22.4	24.3	23.4	27.4	29.7	24.4	−0.7	−1.0	2.7	3.5	0.3	−1.5	0.6
18	22.4	22.9	23.9	21.5	21.5	20.8	22.2	30.5	29.9	32.0	29.3	29.6	29.0	30.1	−4.7	−5.3	−0.9	4.8	−0.8	−3.1	−1.7
19	19.4	17.7	15.6	11.9	9.0	6.8	13.4	27.6	25.9	23.7	19.7	17.0	14.6	21.4	−4.8	−6.0	−2.3	1.3	0.5	0.9	−1.7
20	2.9	999.9	998.8	**996.3**	0.3	3.2	0.2	10.8	7.7	6.5	**3.9**	8.0	11.0	8.0	0.9	1.1	4.7	8.2	5.1	2.7	3.8
21	3.7	6.8	8.4	7.7	7.0	2.4	6.0	11.6	14.6	16.3	15.6	15.0	10.3	13.9	1.9	0.6	1.7	3.6	−0.5	0.5	1.3
22	997.0	999.0	999.4	998.0	997.7	997.0	998.0	5.0	6.9	7.3	6.0	5.6	5.0	6.0	1.2	1.1	0.7	−1.2	−2.3	−2.2	−0.4
23	997.1	997.6	0.3	1.5	5.6	7.7	1.6	5.1	5.6	8.2	9.5	13.6	15.7	9.6	−2.6	−2.5	−1.2	−0.9	−0.1	−0.9	−1.4
24	9.3	9.0	8.6	5.6	4.2	3.6	6.7	17.3	17.0	16.6	13.6	12.2	11.6	14.7	−1.3	−0.9	−0.5	2.1	1.1	0.4	0.2
25	2.1	2.3	5.1	5.3	5.7	5.3	4.3	10.0	10.1	13.1	13.3	13.9	13.3	12.3	−0.9	−1.5	−2.0	−1.6	−1.9	−2.0	−1.6
26	4.3	4.4	5.2	2.8	4.2	3.2	4.0	12.3	12.4	13.2	10.6	12.2	11.2	12.0	−3.5	−1.9	−2.7	0.0	−2.7	−3.0	−2.3
27	3.3	4.0	3.6	3.0	4.4	5.0	3.9	11.3	12.2	11.7	11.0	12.4	13.1	12.0	−3.0	−3.8	−3.9	−3.1	−4.3	−3.7	−3.6
28	6.9	8.4	9.9	10.4	11.6	11.0	9.7	15.0	16.4	17.9	18.5	19.7	19.0	17.8	−2.6	−2.7	−1.1	−0.3	−1.1	−0.1	−1.3
29	11.2	12.3	11.9	9.2	8.2	9.1	10.3	19.2	20.3	19.9	17.1	16.2	17.1	18.3	0.0	−1.0	−0.1	2.9	0.5	−0.9	0.2
30	9.5	10.4	10.1	10.0	12.6	14.6	11.2	17.5	18.5	18.1	18.1	20.7	23.0	19.3	−1.6	−2.5	−2.7	−2.8	−5.0	−11.7	−4.4
31	17.1	18.8	18.8	16.8	16.6	15.0	17.2	25.6	27.3	27.0	25.0	24.7	23.2	25.5	−13.5	−16.8	−6.5	−2.2	−3.2	−3.1	−7.5
Mean	11.6	12.0	12.6	10.8	11.9	11.8	11.8	19.6	19.9	20.5	18.7	19.8	19.8	19.7	−0.2	−0.8	1.7	3.4	1.4	0.3	1.0

Day	AIR TEMPERATURE °C				DIRECTION AND VELOCITY (m.p.s.) OF THE WIND												Mean	
	Max.	Min.	Mean	Range	2		6		10		14		18		22		6 obs.	24 h.
1	10.8	−0.2	5.3	11.0	—	0.4	W	2.2	ESE	1.1	SSE	2.0	SSE	2.2	S	5.0	2.2	1.6
2	14.1	3.5	8.8	10.6	S	2.6	SSE	5.0	S	5.9	SW	1.7	NNE	2.2	NNW	9.6	4.5	3.8
3	5.5	1.0	3.3	4.5	NNW	7.1	NW	5.4	WNW	4.2	NW	3.2	W	1.3	N	4.4	4.3	5.0
4	4.2	−2.2	1.0	6.4	NE	0.9	NW	0.7	—	0.4	NE	2.2	NNW	3.0	SSE	1.5	1.5	1.3
5	5.2	−1.5	1.9	6.7	—	0.4	WNW	2.2	ENE	0.9	N	3.8	NNW	1.7	W	1.1	1.7	1.2
6	7.6	−4.8	1.4	12.4	N	0.7	—	0.0	NNW	1.1	NW	1.5	—	0.4	—	0.4	0.7	1.1
7	6.6	−3.8	1.4	10.4	—	0.2	S	1.1	E	0.9	NE	1.7	SW	2.0	W	2.2	1.4	0.9
8	10.6	−2.7	4.0	13.3	NNE	0.9	—	0.2	SE	1.3	WNW	0.7	—	0.2	SSE	7.1	1.7	2.8
9	**15.2**	7.6	11.4	7.6	SSW	4.6	W	1.3	NNW	1.1	NW	3.8	NNW	0.7	N	1.3	2.1	2.4
10	7.6	2.4	5.0	5.2	W	1.7	NNW	6.1	NNE	2.4	—	0.2	NNW	1.3	NNW	6.7	3.1	2.7
11	6.0	−0.3	2.9	6.3	NE	1.7	NE	1.3	N	3.2	NNW	2.6	N	2.0	—	0.0	1.8	1.8
12	1.2	−0.8	0.2	2.0	NNW	1.1	NNW	1.7	NNW	2.6	NW	1.5	—	0.4	NW	1.1	1.4	1.5
13	7.8	−1.0	3.4	8.8	NNW	3.6	NNW	2.2	N	3.0	WNW	3.8	N	0.7	SE	1.3	2.4	2.7
14	10.6	−1.8	4.4	12.4	SE	1.1	—	0.4	SSE	3.0	SSE	5.4	S	1.1	SSE	2.8	2.3	2.4
15	4.1	−4.5	−0.2	8.6	S	**12.0**	WNW	3.0	NNW	2.2	WNW	3.6	WNW	4.2	WNW	1.1	4.4	3.3
16	2.2	−5.0	−1.4	7.2	N	2.0	N	2.6	N	1.1	NNW	1.5	NNW	1.1	NNW	1.7	1.7	1.3
17	4.6	−1.3	1.7	5.9	N	0.9	NNW	1.3	N	0.9	WNW	5.0	NNW	2.4	NNW	1.5	2.0	2.4
18	5.8	−6.0	−0.1	11.8	—	0.4	—	0.4	NNW	1.1	NNW	1.7	—	0.0	—	0.4	0.7	0.6
19	2.1	−6.2	−2.0	8.3	—	0.2	—	0.0	—	0.0	NNW	1.5	—	0.0	W	1.1	0.5	0.6
20	10.3	0.6	5.5	9.7	WNW	1.7	W	1.3	N	2.2	NNW	4.8	NW	5.0	WNW	6.9	3.7	3.8
21	4.2	−2.1	1.1	6.3	NW	5.7	NE	5.9	WNW	5.9	WNW	4.8	NE	1.5	SSE	7.6	5.2	5.3
22	1.8	−2.9	−0.5	4.7	SSE	8.5	SE	1.1	ENE	1.3	NW	3.4	E	1.1	W	2.0	2.9	2.7
23	1.0	−3.4	−1.2	4.4	W	8.5	WNW	3.6	NE	2.8	NNW	1.7	WNW	5.0	N	4.2	4.3	5.2
24	3.2	−3.2	0.0	6.4	—	0.4	N	2.8	E	2.6	WNW	4.0	WNW	7.4	N	3.6	3.5	4.1
25	−0.4	−3.3	−1.8	2.9	E	0.9	WNW	9.6	WNW	8.2	NW	5.0	NNW	4.0	NE	6.7	5.7	5.8
26	0.4	−4.7	−2.1	5.1	NE	4.0	WNW	11.7	WNW	5.5	WNW	9.4	W	5.0	N	2.4	6.3	6.6
27	−2.9	−4.8	−3.8	**1.9**	WNW	9.3	NNW	6.3	N	6.5	NNW	9.1	N	5.9	NNW	7.6	7.5	7.3
28	0.4	−3.1	−1.3	3.5	NW	4.8	NW	7.3	NNW	8.5	NNW	7.4	NNE	8.4	N	7.4	7.3	6.9
29	3.8	−3.8	0.0	7.6	NNW	8.4	NNW	8.0	—	0.0	—	0.0	SSW	2.2	W	11.2	5.0	4.3
30	−1.5	−12.7	−7.1	11.2	WNW	10.0	WNW	4.4	N	1.7	NNW	3.4	N	4.2	NNW	2.6	4.4	3.8
31	−1.0	**−17.2**	−9.1	**16.2**	NE	2.8	—	0.4	SE	1.1	NW	2.4	ESE	1.5	WNW	1.1	1.6	1.1
Mean	4.9	−2.8	1.0	7.7		3.5		3.2		2.7		3.3		2.5		3.7	3.1	3.1

DECEMBER, 1954.

Day	VAPOUR PRESSURE (mb)							AMOUNT OF CLOUD (0—10)							FORMS OF CLOUD																	
															2			6			10			14			18			22		
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
1	5.9	6.5	8.8	10.9	11.3	11.7	9.2	10	10	10	10	9	3	8.7	—	—	sc	—	—	sc	—	as	st	—	as	sc	—	—	sc	—	—	sc
2	11.9	11.1	11.7	12.8	8.3	6.3	10.4	10	10	10	10	10	10	10.0	—	—	sc	—	as	—	—	—	sc	—	—	st	—	—	ns	—	—	ns
3	5.4	4.7	5.2	4.9	5.7	4.5	5.1	10	10	10	10	10	10	10.0	—	—	sc	—	—	sc	—	—	sc,st	ci	—	sc	—	as	—	cs	as	—
4	4.9	5.1	5.3	5.7	5.3	5.7	5.3	9	0	8	9	8	4	6.3	—	—	sc	—	—	sc	—	—	sc,ns	—	—	sc,ns	—	—	sc	—	—	sc
5	5.7	5.6	5.6	5.4	5.6	5.3	5.5	10	8	8	10	10	10	9.3	—	—	st	—	—	sc	ci	—	sc	—	as	sc	cs	—	sc	cs	—	—
6	5.0	4.1	5.5	4.8	5.6	5.1	5.0	4	1	0	2	2	0	1.5	—	—	sc	—	ac	—	—	—	cu	—	—	cu	—	—	sc	—	—	sc
7	4.9	4.3	6.0	5.8	6.0	5.3	5.4	0	0	8	10	10	0	4.7	—	—	cu	—	—	cu	cs,cc	—	sc	—	as	—	—	as	—	—	—	—
8	4.9	5.1	5.7	6.8	10.1	12.1	7.5	10	10	10	10	10	10	10.0	—	—	sc	—	—	sc	—	—	st	—	—	ns	—	—	ns	—	—	ns
9	12.6	12.1	10.6	11.2	9.7	9.6	11.0	10	10	7	8	10	10	9.2	—	—	ns	—	—	st	—	ac	sc	cs,ci	—	sc	—	—	sc	—	—	ns
10	9.8	8.1	7.5	8.0	7.3	6.4	7.9	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	as	st	—	—	ns	—	as	—
11	6.2	5.5	5.2	5.0	5.1	5.3	5.4	10	0	10	10	0	10	6.7	—	—	sc	—	—	sc	cs	ac	sc	—	as	sc	—	—	sc	—	as	—
12	5.5	5.8	5.8	6.1	6.0	6.2	5.9	10	10	10	10	10	10	10.0	—	—	ns	—	—	nc	—	—	st	—	—	ns	—	—	ns	—	—	st
13	6.3	6.2	6.2	5.8	6.3	5.4	6.0	10	6	1	3	1	0	3.5	—	—	sc	—	—	sc	—	—	sc	—	—	st,sc	—	—	sc	—	—	—
14	5.2	5.6	6.3	6.8	6.9	7.3	6.4	10	10	4	8	2	10	7.3	—	—	sc	—	as	—	—	as,ac	—	cs	—	sc	—	—	sc	—	—	ns
15	6.2	4.5	4.5	4.5	4.1	3.8	4.6	10	2	7	8	3	0	5.0	—	—	ns	—	—	st,sc	—	—	sc	—	assc,ns		—	—	sc	—	—	sc
16	4.1	4.2	4.2	4.7	5.3	5.5	4.7	10	8	10	10	10	1	8.2	—	—	sc	—	—	sc	—	—	sc	—	as	—	cs	as	—	cs	—	—
17	5.6	5.3	5.1	4.6	3.8	4.4	4.8	10	8	1	2	2	10	5.5	—	—	ns	—	—	sc	—	ac	sc	—	—	sc	—	—	sc	—	—	sc
18	3.8	3.7	5.0	5.0	4.8	4.6	4.5	0	2	1	0	0	0	0.5	—	—	sc	—	—	sc	—	—	sc	—	—	cu	—	—	—	—	—	—
19	4.0	3.6	4.7	5.7	5.7	6.2	5.0	0	0	10	10	10	10	6.7	—	—	—	—	—	—	—	as	—	—	as	—	—	—	st	—	—	ns
20	6.4	6.5	8.3	8.3	5.4	4.3	6.5	10	10	9	10	8	10	9.5	—	—	ns	—	as	—	—	as	sc	—	—	sc,st	—	—	sc	—	—	st
21	4.1	4.2	4.2	4.0	4.6	4.9	4.3	2	5	2	2	1	0	2.0	—	—	sc	—	—	sc,st	—	—	sc	—	—	sc	—	—	sc	—	—	—
22	6.3	6.4	6.3	5.2	4.8	5.0	5.7	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
23	4.3	4.8	4.8	5.0	4.3	4.5	4.6	10	10	10	10	10	5	9.2	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	st	—	—	sc
24	5.4	5.4	5.6	5.6	4.7	4.4	5.2	10	10	10	8	8	10	9.3	—	—	ns	—	—	ns	—	—	ns	cs	—	ns	—	—	sc,ns	—	—	sc
25	4.6	3.2	3.5	3.6	4.0	3.9	3.8	3	9	7	4	10	10	7.2	—	—	sc	—	—	ns,st	—	—	st,cu	—	—	st,cu	—	—	ns	—	—	st
26	4.0	3.7	4.4	4.1	4.1	3.7	4.0	10	3	10	5	0	0	4.7	—	—	ns	—	—	st,sc	—	—	ns	—	—	st,sc	—	—	—	—	—	—
27	3.3	3.6	3.5	3.3	3.7	3.5	3.5	0	10	10	10	10	10	8.3	—	—	—	—	—	st	—	—	ns	—	—	ns,sc	—	—	ns	—	—	ns
28	3.7	4.5	3.7	4.1	4.8	4.0	4.1	6	10	10	10	10	6	8.7	—	—	ns	—	—	ns	—	—	ns,sc	—	—	ns,sc	—	—	ns	—	—	st
29	3.9	3.9	4.0	3.6	4.4	5.0	4.1	2	2	4	10	9	4	5.2	—	—	sc	cs	—	—	ci	ac	—	—	as	—	—	—	sc	—	—	ns
30	4.0	4.3	4.7	4.4	3.2	2.0	3.8	6	10	10	10	4	0	6.7	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	sc	—	—	—
31	1.9	1.3	2.2	3.8	4.3	4.6	3.0	0	4	5	10	10	10	6.5	—	—	—	—	ac	sc	cs	—	sc	—	as	—	—	as	—	—	—	ns
	5.5	5.3	5.6	5.8	5.7	5.5	5.5	7.2	6.7	7.5	8.0	7.0	6.2	7.1																		

Day	Duration of Sunshine (in hours)	Total Solar and Sky Radiation (Cal/cm²)	Amount of Evaporation mm		RELATIVE HUMIDITY %							PRECIPITATION mm							REMARKS	
			Open Air	in the Shelter	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total	A. M.	P. M.
1	0.3	81	0.6	0.9	96	96	94	82	90	93	92	—	—	—	0.0	—	—	0.0	☰, ◠	●
2	0.3	54	(1.8)	1.4	92	82	77	92	91	80	86	—	—	—	1.1	4.2	0.9	6.2	≈	●, ↙
3	4.2	195	(1.8)	0.9	72	65	63	59	82	67	68	0.1	—	—	—	—	—	0.1	●, ↙, ○	○
4	2.0	120	1.3	0.9	79	96	76	74	69	82	79	—	—	0.1	—	—	—	0.1	☰, ⊔, ✳	○
5	2.2	177	1.3	1.1	88	88	69	64	75	93	80	—	0.1	—	—	—	—	0.1	☰, ✳, ⛆, ○	○, ◫, ☰
6	8.3	233	1.5	1.0	92	96	83	51	81	92	83	—	—	—	—	—	—	—	☰, ⊔, ≈	○, ☰, ⊔
7	4.8	153	0.9	0.8	79	96	70	64	77	91	80	—	—	—	—	—	—	—	☰, ⊔, ○	○, ☰, ⊔
8	—	22	3.0	0.3	96	91	91	95	97	98	95	—	—	—	1.7	**11.5**	4.8	**18.0**	☰, ⊔	●
9	1.5	115	(1.2)	0.8	99	98	72	78	80	87	86	4.4	0.7	1.4	—	—	0.3	6.8	●, ≡, ○	○, ●
10	—	28	(0.7)	0.6	97	97	95	90	85	84	91	6.0	8.5	1.9	0.4	0.0	0.0	16.8	●	●
11	4.0	172	1.3	0.9	87	84	62	58	72	88	75	0.0	—	—	—	—	—	0.0	○	○
12	—	56	0.5	0.4	89	96	96	94	96	98	95	0.0	0.1	1.0	0.1	3.1	0.0	4.3	☰, ✳, ⛆, ⊠	✳, ●, ⛆, ⊠
13	7.3	212	1.3	0.7	97	87	73	57	81	89	81	—	—	—	—	—	—	—	☰, ⊠, ○	○, ☰, ⊔
14	5.5	205	(2.3)	1.3	94	95	66	57	84	87	81	—	—	—	—	—	0.4	0.4	☰, ⊔	●
15	6.2	203	1.8	1.1	88	77	69	72	74	80	77	2.4	0.1	—	—	—	—	2.5	☰, ●, ↙, ○	○, ☰
16	1.4	161	1.2	0.9	89	89	78	68	91	96	85	—	—	—	—	—	0.0	0.0	☰, ⊔	☰, ⛆
17	5.9	193	1.9	1.2	97	94	68	58	61	81	77	0.0	0.0	—	—	—	—	0.0	☰, ✳, ○	○, ◫
18	8.0	211	1.4	0.7	94	95	89	59	83	98	86	—	—	—	—	—	—	—	☰, ⊔, ≈	○, ◫, ⊔
19	—	97	(0.6)	0.2	98	97	94	85	90	95	93	—	—	—	—	—	1.4	1.4	☰, ⊔	≈, ●
20	3.4	160	(3.5)	2.7	98	98	97	76	61	58	81	3.0	1.1	—	—	0.1	—	4.2	●	●, ↙
21	7.4	210	(2.6)	1.1	58	65	61	51	79	77	65	—	—	—	—	—	—	—	☰, ↙, ○	○, ◫
22	0.4	92	(0.0)	0.6	95	97	98	94	96	98	96	1.7	5.2	1.7	0.5	2.5	5.8	17.4	✳, ⛆, ⊠, ●, ≈	✳, ⛆, ⊠
23	0.6	112	(0.9)	0.5	88	96	87	89	70	80	85	1.4	1.3	0.8	0.7	1.1	—	5.3	☰, ✳, ↠, ↙, ⊠	✳, ☰, ⊠
24	2.6	141	(2.1)	1.3	98	94	96	79	71	70	85	1.3	1.0	1.1	0.1	0.0	—	3.5	☰, ✳, ⊠, ⊠, ○	✳, ⛆, ⊠, ☰
25	4.6	189	(2.2)	1.5	82	59	67	68	77	75	71	0.0	0.1	2.0	—	0.0	0.1	2.2	☰, ✳, ↠, ⛆, ↙	✳, ⊠, ○, ☰
26	3.7	186	(1.4)	1.1	87	71	90	66	84	78	79	0.0	0.0	0.1	0.0	—	0.1	0.2	☰, ✳, ↙, ⊠	✳, ↠, ⊠, ☰
27	—	114	(2.4)	1.0	70	81	79	69	87	79	78	0.0	—	0.0	0.1	0.0	0.0	0.1	☰, ✳, ↠, ↙, ⊠	✳, ○, ↙, ☰
28	0.5	148	2.1	1.7	74	92	67	68	85	65	75	0.0	0.1	0.2	0.0	0.0	0.0	0.3	☰, ✳, ↠, ⊠, ↙	✳, ☰, ⊠, ↙
29	3.9	183	(0.7)	0.6	65	69	65	48	69	89	68	—	—	—	—	—	0.0	0.0	☰, ○, ↙, ⊠	○, ☰, ✳, ↙, ⊠
30	—	97	(1.3)	0.7	75	86	96	90	79	89	86	0.1	0.1	3.2	1.7	0.3	—	5.4	☰, ✳, ↙, ⊠	✳, ⊠, ☰, ⊔
31	4.9	175	(1.3)	0.6	100	94	63	75	92	98	87	—	—	—	—	—	0.1	0.1	☰, ⊔, V, ○, ⊠	✳, ☰, ⛆, ⊠
	93.9	4495	46.9	29.5	88	88	79	72	81	85	82	20.4	18.4	13.5	6.4	22.8	13.9	95.4		

1954.

Month	AIR PRESSURE (STATION) 1000 mb+											AIR PRESSURE (Mean Sea Level) 1000 mb+										
	2	6	10	14	18	22	Mean	Max.	Date	Min.	Date	2	6	10	14	18	22	Mean	Max.	Date	Min.	Date
January	9.4	9.6	10.4	8.3	9.1	9.1	9.3	20.7	15	992.6	10	17.5	17.7	18.4	16.2	17.2	17.2	17.4	29.0	15	0.3	10
February	9.4	9.5	10.0	8.3	9.5	10.1	9.5	21.6	25	988.0	12	17.4	17.6	17.9	16.3	17.4	18.1	17.5	29.5	25	995.7	12
March	10.8	11.7	11.9	10.0	10.8	11.4	11.1	24.2	10	996.0	29	18.8	19.7	19.8	17.9	18.8	19.4	19.1	32.4	10	3.9	29
April	8.0	8.4	8.2	6.5	7.0	8.4	7.7	20.2	5	988.3	18	15.8	16.2	15.8	14.1	14.6	16.1	15.4	28.2	5	995.6	18
May	4.7	5.6	5.2	3.7	4.1	4.9	4.7	16.7	27	975.2	9	12.4	13.3	12.7	11.2	11.6	12.6	12.3	24.6	27	982.4	9
June	5.1	5.5	5.3	4.2	4.5	5.6	5.0	14.1	23	992.3	20	12.7	13.1	12.8	11.7	12.0	13.1	12.6	21.9	23	999.7	20
July	3.3	3.9	3.9	3.0	3.3	4.5	3.7	12.3	19	993.0	1	10.7	11.4	11.3	10.4	10.7	12.0	11.1	19.9	19	0.0	1
August	4.0	4.6	4.6	3.2	3.5	4.5	4.1	16.0	25	987.2	19	11.4	12.1	11.9	10.4	10.7	11.8	11.4	23.4	25	994.3	19
September	5.7	6.2	6.3	4.5	5.2	6.3	5.7	17.1	30	981.0	26	13.1	13.6	13.6	11.8	12.6	13.8	13.1	24.7	30	989.1	26
October	11.3	11.9	11.9	10.1	10.9	11.5	11.3	21.6	26	992.4	30	19.1	19.6	19.6	17.6	18.5	19.2	19.0	29.5	26	0.0	30
November	12.0	12.3	13.2	11.6	12.8	13.1	12.5	27.3	27	989.1	11	19.9	20.3	21.0	19.3	20.6	20.9	20.3	35.4	27	996.8	11
December	11.6	12.0	12.6	10.8	11.9	11.8	11.8	28.4	7	995.6	20	19.6	19.9	20.5	18.7	19.8	19.8	19.7	36.6	7	3.2	20
Annual	7.9	8.4	8.6	7.0	7.7	8.4	8.0	28.4	XII 7	975.2	V 9	15.7	16.2	16.3	14.6	15.4	16.2	15.7	36.6	XII 7	982.4	V 9

Month	AIR TEMPERATURE °C														VAPOUR PRESSURE mb						
	2	6	10	14	18	22	Mean	Mean			Absolute				2	6	10	14	18	22	Mean
								Max.	Min.	Range	Max.	Date	Min.	Date							
January	–3.4	–3.9	–1.2	0.8	–1.1	–2.7	–1.9	1.9	–5.6	7.5	8.2	2	–11.8	1	4.1	4.0	4.3	4.5	4.3	4.2	4.2
February	–3.1	–3.9	1.1	4.0	0.8	–1.3	–0.4	5.4	–5.1	10.5	13.5	28	–17.9	2	4.5	4.3	5.1	5.4	5.1	4.8	4.9
March	0.0	–0.7	3.8	6.0	3.2	1.1	2.2	7.3	–2.0	9.3	16.9	27	– 7.8	6	5.3	5.0	5.6	6.0	5.9	5.9	5.6
April	5.9	5.8	12.2	14.7	10.9	8.1	9.6	15.9	3.6	12.3	23.4	17	– 3.4	5	8.4	8.3	9.5	9.7	9.8	9.1	9.1
May	9.4	10.5	16.0	17.9	15.0	11.6	13.4	19.5	7.7	11.8	25.8	19	1.2	1	10.8	11.2	12.4	12.8	12.5	11.9	11.9
June	12.4	12.9	16.8	18.1	16.1	13.8	15.0	19.2	11.3	7.9	25.2	30	3.2	10	13.8	13.9	14.9	15.6	15.3	14.4	14.7
July	16.8	16.8	20.4	22.4	20.3	17.8	19.1	23.5	15.7	7.7	29.2	28	9.9	13	18.1	18.3	19.6	20.6	19.8	18.7	19.2
August	21.1	21.3	25.4	27.9	24.6	22.2	23.8	28.8	20.1	8.8	33.6	15	15.2	30	23.6	23.9	25.2	26.0	25.6	24.5	24.8
September	18.2	18.0	22.5	24.1	20.8	19.0	20.4	25.2	16.6	8.5	30.6	15	9.2	20	20.3	20.0	21.9	22.6	21.6	20.6	21.2
October	8.5	7.7	13.1	15.7	12.0	9.8	11.1	16.9	6.5	10.4	23.0	2	1.2	11	10.6	10.0	11.1	11.7	11.5	10.9	10.9
November	4.1	3.5	8.0	10.7	6.6	4.7	6.3	11.8	1.6	10.2	18.0	9	– 4.5	19	7.0	6.8	7.7	7.8	7.5	7.3	7.3
December	–0.2	–0.8	1.7	3.4	1.4	0.3	1.0	4.9	–2.8	7.7	15.2	9	–17.2	31	5.5	5.3	5.6	5.8	5.7	5.5	5.5
Annual	7.5	7.3	11.7	13.8	10.9	8.7	10.0	15.0	5.6	9.4	33.6	VIII 15	–17.9	II 2	11.0	10.9	11.9	12.4	12.0	11.5	11.6

Month	PRECIPITATION mm										RELATIVE HUMIDITY %						
	2	6	10	14	18	22	Sum	Maximum				2	6	10	14	18	22	Mean
								24 h	Date	4 h	Date							
January	10.2	5.7	7.6	2.8	8.6	10.9	45.8	11.8	29	6.5	28	87	89	78	70	77	85	81
February	2.4	5.0	7.7	1.3	0.4	0.2	17.0	8.2	27	3.7	27	88	89	75	65	76	84	79
March	9.5	9.1	9.5	13.8	21.3	20.1	83.3	27.8	28	8.5	11	85	87	69	65	75	87	78
April	2.5	1.9	14.9	22.5	34.9	8.1	84.8	41.5	12	20.5	12	86	86	66	58	73	81	75
May	16.0	8.0	2.0	11.2	21.4	24.0	82.6	18.5	3	11.2	3	90	86	67	63	72	85	77
June	38.3	46.0	51.3	19.8	28.9	34.9	219.2	54.7	7	16.5	7	94	92	78	76	83	90	85
July	35.3	24.6	30.6	8.2	7.5	27.8	134.0	35.7	6	24.0	6	94	94	81	75	82	91	86
August	12.0	3.0	2.7	0.8	0.3	1.0	19.8	10.0	20	9.8	20	94	93	77	69	82	91	84
September	21.1	27.4	30.3	19.4	29.6	24.5	152.3	30.6	28	14.0	2	94	95	79	74	86	92	87
October	22.8	11.7	16.2	13.6	3.2	20.0	87.5	20.5	21	18.3	4	92	93	73	65	81	89	82
November	3.6	8.9	2.4	10.2	13.1	9.2	47.4	27.3	19	13.0	19	85	86	71	60	76	85	77
December	20.4	18.4	13.5	6.4	22.8	13.9	95.4	18.0	8	11.5	8	88	88	79	72	81	85	82
Annual	194.1	169.7	188.7	130.0	192.0	194.6	1069.1	54.7	VI 7	24.0	VII 6	90	90	74	68	79	87	81

1954.

Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
MONTHLY MAXIMUM DAILY RANGE (WITH DATE) OF AIR TEMPERATURE (°C)													
Max.	14.1	21.5	16.2	23.0	18.5	15.8	13.7	15.0	13.8	16.4	17.2	16.2	23.0
Date	1	2	19.23	11	13	1	14	6	20	11	7	31	IV 11
VARIABILITY OF DAILY MEAN AIR TEMPERATURE (°C)													
Mean	1.8	1.8	1.7	2.4	1.9	1.3	1.3	1.4	1.5	1.3	2.2	2.6	1.8
FREQUENCY OF VARIATION													
Rise ≦ 2°	12	6	16	7	15	14	13	11	9	10	7	6	126
Rise 2° — 4°	3	8	2	5	6	3	3	5	4	3	6	3	51
Rise 4° — 6°	1	1	2	4	—	1	—	—	1	—	—	2	12
Rise 6° — 8°	—	—	—	—	—	—	—	—	—	—	1	1	2
Rise 8° ≦	—	—	—	—	—	—	—	—	—	—	—	—	—
Sum	16	15	20	16	21	18	16	16	14	13	14	12	191
Fall ≦ 2°	8	8	5	7	4	9	11	9	11	15	9	10	106
Fall 2° — 4°	7	5	5	4	4	3	4	6	5	3	5	5	56
Fall 4° — 6°	—	—	1	3	1	—	—	—	—	—	2	2	9
Fall 6° — 8°	—	—	—	—	1	—	—	—	—	—	—	2	3
Fall 8° ≦	—	—	—	—	—	—	—	—	—	—	—	—	—
Sum	15	13	11	14	10	12	15	15	16	18	16	19	174
Stationary	—	—	—	—	—	—	—	—	—	—	—	—	—
MONTHLY MAXIMUM (WITH DATE) MINIMUM (WITH DATE) AND RANGE OF VAPOUR PRESSURE (mb)													
Max.	7.0	11.7	12.0	17.9	19.0	25.9	31.5	31.9	30.9	21.2	12.2	12.8	31.9
Date	10	28	27	18	25	30	29	15	15	4	25	2	VIII 15
Min.	2.2	1.4	3.0	4.2	4.9	7.5	12.3	17.3	11.4	6.9	4.3	1.3	1.3
Date	1	2, 3	6, 13	4	10	10	14	25, 31	20	25	19	31	XII 31
Range	4.8	10.3	9.0	13.7	14.1	18.4	19.2	14.6	19.5	14.3	7.9	11.5	20.6
MONTHLY MINIMUM (WITH DATE) OF RELATIVE HUMIDITY (%)													
Min.	47	43	35	25	33	35	56	50	53	43	41	47	25
Date	2	2, 5	26	23	21	8	14	6	17, 26	15	6	21	IV 23

VELOCITY (m.p.s.) OF WIND

Month	Hour 2	6	10	14	18	22	Maximum Vel.	Dir.	Date	Mean for 24 h	No. of Days With Cale. m.p.s. 10—15	m.p.s. 15—29	m.p.s. ≧29	Sum
January	2.6	2.6	2.8	3.8	3.2	2.5	11.8	WNW	11	3.0	2	—	—	2
February	2.6	1.8	2.3	3.5	3.6	3.2	19.7	W	12	3.0	4	1	—	5
March	2.9	3.0	3.8	5.2	4.1	2.7	19.0	W	13	3.6	9	1	—	10
April	2.6	3.0	4.2	6.8	4.8	3.5	19.4	WSW	19	4.1	9	2	—	11
May	2.6	2.1	5.0	6.2	5.3	2.8	20.5	W	10	4.0	8	3	—	11
June	2.0	1.8	3.4	4.7	4.7	3.3	11.3	SSE	3	3.3	2	—	—	2
July	1.3	1.3	2.4	4.4	4.2	2.7	11.5	WSW	1	2.7	1	—	—	1
August	1.4	1.1	2.8	3.8	3.8	2.3	11.7	SSE	19	2.5	1	—	—	1
September	1.3	1.5	2.6	4.7	3.1	2.0	20.5	SSE	26	2.6	5	1	—	6
October	1.5	1.6	2.4	3.5	2.8	1.6	12.7	WNW	4	2.3	4	—	—	4
November	1.8	1.7	1.9	3.8	2.1	1.5	14.2	NW	11	2.1	4	—	—	4
December	3.5	3.2	2.7	3.3	2.5	3.7	14.7	W	23	3.1	14	—	—	14
Annual	2.2	2.1	3.0	4.5	3.7	2.7	20.5	W SSE	V10 IX26	30	63	8	—	71

CLOUD AMOUNT (0—10)

Month	2	6	10	14	18	22	Mean
January	6.5	7.1	8.1	8.2	5.3	6.1	6.9
February	6.9	7.0	7.0	7.6	6.0	5.9	6.7
March	5.9	6.4	7.2	7.5	7.8	6.6	6.9
April	5.8	6.8	6.7	6.7	7.0	5.4	6.4
May	7.3	8.1	8.5	8.1	7.3	6.6	7.6
June	9.1	9.4	9.1	9.1	9.0	8.1	9.0
July	8.6	9.6	8.8	9.5	8.8	8.1	8.9
August	7.3	9.5	8.6	6.4	7.6	7.5	7.8
September	8.5	9.0	7.8	8.1	7.5	8.1	8.2
October	6.6	8.1	7.1	7.1	6.4	6.6	7.0
November	5.2	7.3	6.0	5.5	4.9	5.9	5.8
December	7.2	6.7	7.5	8.0	7.0	6.2	7.1
Annual	7.1	7.9	7.7	7.7	7.1	6.8	7.4

1954.

NUMBER OF OBSERVATIONS OF THE WIND FROM

Month \ Dir	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calm
January	20	7	6	6	3	3	5	5	6	1	4	6	12	23	29	37	13
February	11	2	9	5	11	6	5	5	3	4	2	3	11	15	17	27	32
March	14	2	4	2	3	3	7	17	6	3	2	7	12	17	18	38	31
April	9	6	4	1	5	2	9	27	9	—	—	12	12	16	14	32	22
May	12	6	5	1	2	5	5	48	17	7	4	4	14	12	11	10	23
June	7	—	1	1	1	3	19	41	16	5	2	8	7	3	10	35	21
July	7	6	2	2	2	4	14	40	33	6	5	1	4	3	6	20	31
August	8	2	3	—	2	2	20	58	20	3	1	3	2	1	6	13	42
September	8	—	2	2	3	1	12	39	15	3	1	3	4	3	10	17	57
October	20	3	4	5	4	5	11	10	10	1	1	4	10	15	14	25	44
November	18	6	5	8	2	2	3	16	3	2	2	1	6	12	21	28	45
December	23	4	11	2	4	1	6	10	6	2	2	—	12	26	14	38	25
Annual	157	44	56	35	42	37	116	316	144	37	26	52	106	146	170	320	386

MONTHLY MEAN VELOCITY (m.p.s.) OF THE WIND FROM

Month \ Dir	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
January	3.6	2.1	1.8	1.4	1.2	1.4	1.4	3.2	2.7	0.9	1.5	2.1	3.6	4.2	3.2	3.7
February	4.0	3.7	2.0	1.8	1.5	1.6	2.5	3.9	4.0	3.0	3.3	2.3	3.4	3.4	4.0	5.1
March	3.9	2.5	2.0	1.5	1.2	1.6	2.7	4.3	4.2	4.1	4.6	6.4	6.8	4.4	4.6	4.4
April	3.0	1.9	3.1	2.2	1.5	1.1	3.4	6.9	4.5	—	—	6.3	3.9	4.9	4.6	5.8
May	3.0	1.7	1.7	2.2	1.5	1.7	4.6	5.8	4.1	2.8	3.8	1.7	7.5	5.3	3.9	4.8
June	2.3	—	1.3	1.1	1.5	5.7	4.1	4.2	3.5	2.1	2.9	3.0	1.8	3.4	3.2	4.4
July	2.6	1.6	2.6	1.4	1.2	1.7	2.7	4.1	3.9	3.4	3.0	7.6	1.3	1.7	2.6	2.8
August	2.1	2.2	1.7	—	0.9	1.9	3.2	4.2	2.9	1.2	0.9	1.5	0.9	3.8	2.9	2.8
September	2.0	—	1.4	1.7	1.7	5.5	4.6	5.2	2.6	4.3	2.0	3.7	1.7	3.5	2.8	2.7
October	2.7	0.7	2.3	1.2	1.1	2.7	2.9	3.0	2.6	3.2	1.3	3.9	2.4	4.5	3.4	2.9
November	2.4	2.9	1.3	1.9	1.8	0.8	2.4	2.6	3.2	2.3	1.2	1.1	3.5	4.0	2.9	3.3
December	2.9	3.5	2.9	1.1	1.4	1.1	1.2	4.5	4.6	3.4	1.9	—	3.2	5.2	3.6	3.7
Annual	3.0	2.2	2.1	1.6	1.4	2.1	3.2	4.6	3.5	2.9	2.6	4.1	4.0	4.4	3.5	4.0

DIRECTION AND INTENSITY (m.p.s.) OF THE RESULTANT WIND COMPUTED WITE THE VELOCITY

Month \ Hours	2		6		10		14		18		22		General	
January	N 57° W	1.5	N 34° W	1.9	N 33° W	1.5	N 35° W	3.0	N 48° W	2.5	N 25° W	1.5	N 39° W	1.9
February	N 56° W	0.9	N 35° W	0.9	N 22° W	1.2	N 35° W	2.5	N 33° W	1.6	N 31° W	1.7	N 34° W	1.5
March	N 44° W	1.9	N 35° W	1.6	N 50° W	1.9	N 79° W	2.6	N 70° W	1.6	N 64° W	0.8	N 58° W	1.7
April	N 17° W	1.1	N 27° W	1.6	N 75° W	1.1	S 70° W	3.0	S 64° W	1.2	N 44° W	0.8	N 74° W	1.1
May	N 78° W	1.4	N 54° W	1.1	S 23° W	1.6	S 23° W	0.9	S 7° W	2.7	S 25° E	1.5	S 22° W	1.3
June	N 31° W	0.3	N 36° W	0.8	S 1° W	0.6	S 2° E	1.3	S 20° E	1.7	S 9° E	1.2	S 3° E	0.6
July	S 10° E	0.4	S 14° E	0.3	S 1° W	0.6	S 10° E	2.7	S 7° E	2.7	S 17° E	1.5	S 10° E	1.4
August	S 21° E	1.0	S 14° E	0.6	S 29° E	1.2	S 19° E	2.3	S 20° E	2.3	S 31° E	1.8	S 23° E	1.5
September	S 6° E	0.5	N 23° W	0.2	S 33° E	1.1	S 20° E	2.9	S 15° E	1.8	S 2° E	1.1	S 17° E	1.2
October	N 22° W	0.4	N 26° W	0.8	N 46° W	1.5	N 72° W	1.3	N 67° W	0.5	N 11° W	0.5	N 45° W	0.8
November	N 6° W	1.2	N 11° W	1.0	N 40° W	1.1	N 62° W	2.0	N 31° W	0.7	N 7° W	0.7	N 32° W	1.0
December	N 63° W	1.3	N 44° W	2.3	N 23° W	1.3	N 43° W	2.5	N 32° W	1.5	N 35° W	1.4	N 40° W	1.7
Annual	N 53° W	0.6	N 36° W	0.9	N 68° W	0.5	S 67° W	1.0	S 42° W	0.6	S 63° W	0.1	N 83° W	0.5

1954.

NUMBER OF DAYS WITH PRECIPITATION (Separated by Amount)

Month / Month	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<0.1mm	1	7	2	—	1	2	2	8	2	3	4	5	37
0.1— 1	5	8	11	4	5	5	7	7	4	7	6	8	77
1— 3	4	1	6	5	5	1	4	2	6	3	2	3	42
3— 5	3	1	1	1	3	2	—	1	—	1	1	3	17
5— 10	2	1	1	1	4	4	5	—	—	2	1	4	25
10— 15	1	—	1	2	1	3	2	1	2	—	—	—	13
15— 20	—	—	1	—	1	1	—	—	2	2	—	3	10
20— 25	—	—	—	—	—	2	—	—	1	1	—	—	4
25— 30	—	—	1	—	—	1	1	—	1	—	1	—	5
30— 35	—	—	—	—	—	—	—	—	1	—	—	—	1
35— 40	—	—	—	—	—	—	1	—	—	—	—	—	1
40— 45	—	—	—	1	—	—	—	—	—	—	—	—	1
45— 50	—	—	—	—	—	—	—	—	—	—	—	—	—
50— 60	—	—	—	—	—	1	—	—	—	—	—	—	1
60— 70	—	—	—	—	—	—	—	—	—	—	—	—	—
70— 80	—	—	—	—	—	—	—	—	—	—	—	—	—
80— 90	—	—	—	—	—	—	—	—	—	—	—	—	—
90—100	—	—	—	—	—	—	—	—	—	—	—	—	—
100≦100	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	16	18	24	14	20	22	22	19	19	19	15	26	234

EARTH TEMPERATURE °C

Month	Surface						Mean	Depth (m)									
	2	6	10	14	18	22		0.05	0.1	0.2	0.3	0.5	1.0	2.0	3.0	5.0	6.0
January	–0.1	–0.2	0.5	1.4	0.3	0.0	0.3	0.6	0.8	1.6	2.4	3.5	6.2	11.1	12.8	13.2	13.1
February	0.2	0.0	1.2	2.7	1.0	0.6	0.9	0.6	0.5	1.2	1.7	2.5	4.7	9.5	11.7	12.7	12.9
March	2.3	1.8	6.9	9.3	5.0	3.3	4.8	4.7	4.6	4.5	4.5	4.5	5.2	8.5	10.7	12.1	12.6
April	8.2	7.8	14.2	17.2	12.3	9.8	11.6	11.0	11.1	10.3	9.7	9.0	8.1	8.6	10.2	11.5	12.2
May	12.4	12.2	17.6	19.5	16.2	13.9	15.3	14.9	15.1	14.2	13.6	12.6	11.2	9.7	10.2	11.2	11.9
June	15.1	15.1	19.1	20.7	18.1	16.2	17.4	17.1	17.3	16.7	16.1	15.5	13.9	11.2	10.7	11.1	11.7
July	19.1	19.1	23.7	24.9	22.1	20.0	21.5	21.0	21.2	20.4	19.6	19.2	16.3	12.6	11.5	11.3	11.7
August	23.5	23.3	28.4	31.5	26.6	24.3	26.3	25.5	25.6	24.6	23.7	22.2	19.4	14.1	12.5	11.7	11.8
September	21.0	20.6	24.7	26.3	23.0	21.6	22.9	22.6	22.8	22.4	22.2	21.7	20.2	15.6	13.6	12.2	12.1
October	12.0	11.3	16.8	17.9	14.3	12.7	14.2	14.5	14.9	15.3	15.8	16.4	17.4	16.1	14.4	12.8	12.4
November	5.7	5.4	10.3	11.7	7.6	6.3	7.8	8.3	8.7	9.2	10.0	11.1	13.1	14.9	14.5	13.3	12.7
December	1.8	1.4	3.4	4.7	2.6	2.0	2.7	3.2	3.5	4.4	5.3	6.6	9.3	13.1	13.8	13.4	12.9
Annual	10.1	9.8	13.9	15.6	12.4	10.9	12.1	12.0	12.2	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.3

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
MONTHLY TOTAL DURATION OF SUNSHINE (in hours)												
95.5	129.6	156.8	183.2	190.7	84.4	89.6	160.3	109.5	131.2	142.8	93.9	1567.5
RATE OF SUNSHINE (%)												
32	43	42	46	43	19	20	38	29	39	47	32	35
AMOUNT OF EVAPORATION (mm)												
OPEN AIR												
1.7	2.2	2.2	4.2	4.3	2.9	3.6	4.7	3.2	2.3	2.0	1.5	2.9
IN THE SHELTER												
1.0	1.1	1.1	1.5	1.7	1.1	1.1	1.5	1.2	1.0	1.0	1.0	1.2

1954.

NUMBER OF OBSERVATIONS OF THE HORIZONTAL VISIBILITY FROM

Dir.	Class	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Sum
N	0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	1	1	4	—	6
	2	—	1	2	—	—	—	2	2	3	2	2	—	14
	3	3	—	—	—	—	—	1	—	1	1	—	1	7
	4	4	2	10	2	2	1	6	—	2	2	—	7	38
	5	5	6	4	7	6	15	16	10	16	6	2	11	104
	6	14	8	20	9	11	29	28	31	26	11	7	14	208
	7	26	28	32	29	40	45	48	46	45	38	25	41	443
	8	100	99	76	84	87	48	58	56	52	74	87	83	904
	9	34	24	42	49	40	42	27	41	34	51	53	29	466
E	0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	1	1	4	—	6
	2	—	1	2	—	—	—	2	2	3	2	2	—	14
	3	3	—	—	—	—	—	1	—	—	1	—	1	6
	4	4	2	10	2	2	1	6	—	3	2	—	7	39
	5	5	5	4	7	6	15	16	10	15	7	2	9	101
	6	13	6	16	8	9	28	27	28	25	10	5	14	189
	7	24	25	29	26	40	46	46	48	43	37	20	43	427
	8	101	99	82	87	89	49	62	59	57	75	94	81	935
	9	36	30	43	50	40	41	26	39	33	51	53	31	473
S	0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	1	1	4	—	6
	2	—	1	2	—	—	—	2	2	3	2	2	—	14
	3	3	—	—	—	—	—	1	—	—	—	—	1	5
	4	4	2	10	2	2	1	6	—	2	2	—	7	38
	5	5	5	4	7	6	15	16	10	15	7	2	10	102
	6	13	7	17	8	9	29	27	29	29	11	7	14	200
	7	24	26	31	26	41	45	46	47	46	36	23	42	433
	8	104	28	79	87	88	49	62	59	54	76	89	82	927
	9	33	29	43	50	40	41	26	39	30	51	53	30	465
W	0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—	—	1	1	4	—	6
	2	—	1	2	—	—	—	2	2	3	2	2	—	14
	3	3	—	—	—	—	—	1	—	—	—	—	1	5
	4	4	2	10	2	2	1	6	—	2	2	—	7	38
	5	5	5	5	6	6	15	16	10	14	6	2	11	101
	6	17	9	18	9	11	28	29	32	31	12	9	18	223
	7	27	26	33	27	42	49	49	46	44	39	21	45	448
	8	100	99	77	87	85	50	61	59	55	75	91	79	918
	9	30	26	41	49	40	37	22	37	30	49	51	25	437

TOTAL SOLAR AND SKY RADIATION ON THE HORIZONTAL SURFCE (gr. cal/cm². hour)

	3—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	Sum
January	—	—	0.0	2.3	10.7	17.3	24.4	26.8	24.7	20.2	15.6	6.9	1.4	0.0	—	—	150.3
February	—	—	0.1	6.1	18.9	27.3	33.9	36.6	35.5	30.7	23.2	13.7	4.3	0.2	—	—	230.5
March	—	0.0	3.5	15.8	27.0	37.5	43.8	45.3	40.8	36.5	27.2	18.1	9.1	1.5	0.0	—	306.1
April	0.0	1.3	10.1	21.2	32.2	41.3	45.6	49.0	49.7	46.0	35.5	24.2	13.4	4.7	0.3	0.0	374.5
May	0.1	5.3	15.9	26.2	35.4	41.5	45.2	46.6	46.6	41.9	35.1	26.7	17.6	8.0	1.2	0.0	393.3
June	0.1	3.1	10.2	20.1	29.7	35.6	38.1	38.3	38.6	36.3	29.1	23.4	15.6	8.4	2.1	0.1	328.8
July	—	1.5	8.2	17.2	27.5	37.1	43.5	43.0	40.9	38.3	31.7	24.8	15.8	8.1	2.4	0.0	340.0
August	—	1.0	9.3	19.1	29.7	39.6	44.0	47.0	51.7	49.5	42.7	31.4	18.4	7.1	0.7	—	391.2
September	—	0.0	3.7	13.9	25.4	33.8	42.0	44.2	41.8	34.9	25.2	16.6	7.8	1.7	0.1	—	291.0
October	—	—	1.9	12.0	25.1	35.2	40.9	42.8	38.9	32.4	24.2	13.5	3.7	0.4	0.0	—	271.0
November	—	—	0.3	7.5	18.0	27.5	35.1	37.9	33.2	35.2	18.5	6.2	1.1	0.1	—	—	210.5
December	—	—	—	1.3	8.7	17.5	25.1	30.2	26.2	18.6	12.2	4.7	0.5	—	—	—	145.0
Annual	0.2	12.2	63.2	162.7	288.3	391.2	461.6	487.7	468.6	410.4	320.2	210.2	108.6	40.2	6.8	0.1	3432.2

1954.

Month	NUMBER OF DAYS WITH ●	✳	△	▽	⍂	≡	Clear	Cloudy	Sunless	↙	⊔	Min. Temp. <0°	Mean Temp. <0°	Max. Temp. <0°	Min. Temp. ≧25°	Mean Temp. ≧25°	Max. Temp. ≧25°	Max. Temp. ≧30°
January	15	13	2	—	—	—	1	13	5	2	13	30	25		—	—	—	—
February	11	7	—	—	—	1	2	12	2	5	6	24	15	1	—	—	—	—
March	22	15	—	—	—	—	—	10	4	10	5	24	9	1	—	—	—	—
April	14	—	1	—	—	—	4	13	3	11	7	6	—	—	—	—	—	—
May	19	—	—	—	2	—	—	17	4	11	1	—	—	—	—	—	2	—
June	20	—	—	—	—	—	—	25	11	2	—	—	—	—	—	—	1	—
July	20	—	—	—	2	4	—	24	9	1	—	—	—	—	—	—	12	—
August	11	—	—	—	—	2	—	14	1	1	—	—	—	—	—	11	28	11
September	17	—	—	—	—	4	—	17	6	6	—	—	—	—	—	2	16	1
October	16	—	—	—	—	6	1	12	5	4	4	—	—	—	—	—	—	—
November	11	1	—	—	1	5	1	6	5	4	9	7	1	—	—	—	—	—
December	21	12	2	—	—	1	2	15	6	14	11	26	12	4	—	—	—	—
Annual	197	48	5	—	5	23	11	178	61	71	56	117	62	14	—	13	59	12

Note 1: In the 2nd column, the number of days on which the amount is 0.1 mm or more are reckoned, but in the 3rd 4th 5th columns, the amount is not considered.

Not 2: In the 7th column, day with ≡° are not included.

GENERAL REMARKS

	First Day (last year) 1952	Last Day (this year) 1953	First Day (this year) 1953
Min. Air Temp. below 0°:	Oct. 27	Apr. 28	Nov. 7
Mean Air Temp. below 0°:	Nov. 20	Mar. 15	Nov. 19
Max. Air Temp. above 0°:	Jan. 12	Mar. 11	Dec. 25
Max. Air Temp. above 25°:		Sept. 26	May 19
Mean Air Temp. above 25°:		Sept. 14	Aug. 2
Max. Air Temp. above 30°:		Sept. 15	Aug. 3
Hoar Frost:	Oct. 15	May 1	Oct. 9
Snow:	Nov. 11	Mar. 29	Nov. 11
Snow on Ground.	Nov. 19	Mar. 30	Nov. 11

Max. Continuance of Days with Min. Temp. below 0° is 30 Days: from Jan. 11 to Feb. 9

Max. Continuance of Days with Mean Temp. below 0° is 19 Days: from Jan. 21 to Feb. 8

Max. Continuance of Days with Max. Temp. above 30° is 7 Days: from Aug. 13 to Aug. 19

Max. Continuance of Days without precipitation is Days: from

Continuance of more than 5 Days with precipitation are:

7	Days:	from Jan. 26	to Feb. 1	7	Days:	from July 26	to Aug. 1
14	,,	from Mar. 4	to Mar. 17	6	,,	from Aug. 28	to Sept. 2
6	,,	from Apr. 30	to May. 5	7	,,	from Oct 27	to Nov. 2
7	,,	from June 2	to June 8	13	,,	from Dec: 22	to Jan. 3 (1955)
7	,,	from July 6	to July 12				

1954.

FIVI-DAY MEANS

Month	Five-day Period	Air Pressure mb	Air Temperature °C	Vapour Pressure mb	Relative Humidity %	Amount of Clouds (0–10)	Velocity of Wind m.p.s.	Precipitation (Total) mm
January	1— 5	21.3	-0.7	4.5	79	6.6	2.3	5.6
	6—10	16.4	-0.3	5.1	85	5.7	2.4	2.6
	11—15	21.4	-2.1	4.2	81	7.1	2.8	3.1
	16—20	20.7	-0.5	4.9	83	6.5	2.4	6.0
	21—25	14.7	-2.7	3.5	72	7.6	4.0	0.1
	26—30	7.2	-4.7	3.5	85	8.0	3.6	23.7
February	31— 4	13.2	-7.3	2.8	85	2.9	1.4	4.9
	5— 9	17.0	-1.9	4.1	79	5.5	1.9	0.3
	10—14	15.1	1.4	5.1	74	6.9	4.6	4.1
	15—19	18.2	0.1	4.5	74	9.0	4.2	0.3
	20—24	20.1	-0.8	4.7	82	7.9	2.7	1.1
	25— 1	20.0	6.3	8.1	84	8.5	3.2	11.0
March	2— 6	19.4	0.6	4.9	76	7.5	4.0	7.3
	7—11	25.8	-0.6	4.7	82	7.4	3.1	24.2
	12—16	19.2	0.1	3.9	79	7.2	3.7	5.2
	17—21	19.1	3.2	5.0	78	6.7	3.1	2.9
	22—26	19.3	4.0	5.5	69	4.9	3.8	3.6
	27—31	12.5	5.6	7.5	82	7.6	3.5	40.1
April	1— 5	19.1	8.1	7.3	68	3.4	3.2	—
	6—10	15.0	10.0	9.7	76	6.1	4.2	8.9
	11—15	10.9	7.7	7.9	76	7.6	5.6	42.5
	16—20	10.4	11.2	10.6	77	7.3	4.9	14.2
	21—25	21.5	10.2	10.0	79	6.5	3.3	3.8
	26—30	15.8	10.4	9.4	75	7.6	3.5	15.4
May	1— 5	11.6	11.7	10.9	80	8.2	3.4	28.4
	6—10	8.1	12.3	11.1	77	7.9	5.8	22.3
	11—15	13.1	13.0	11.4	75	7.3	4.6	4.2
	16—20	12.1	14.9	13.2	78	6.4	2.8	2.3
	21—25	11.7	14.6	12.9	78	9.2	3.6	20.7
	26—30	17.1	13.8	11.6	74	6.2	3.9	2.8
June	31— 4	12.5	15.9	14.3	81	8.3	3.9	39.8
	5— 9	12.6	12.3	12.0	84	7.4	3.3	62.3
	10—14	10.4	13.9	13.4	85	9.6	2.7	16.6
	15—19	11.1	14.6	14.7	89	9.6	3.1	36.9
	20—24	14.2	14.2	13.7	84	9.4	3.9	48.4
	25—29	16.3	17.6	17.9	89	9.5	3.0	6.1
July	30— 4	6.3	19.8	20.1	87	9.0	2.9	33.3
	5— 9	9.5	16.6	17.1	90	9.8	2.4	43.1
	10—14	12.0	16.3	16.1	87	7.8	2.9	19.3
	15—19	15.1	19.2	19.0	88	9.7	2.1	6.8
	20—24	13.9	19.2	17.8	80	8.2	3.2	0.0
	25—29	7.5	22.6	24.0	88	8.5	3.0	13.4
August	30— 3	17.5	23.9	26.0	88	8.5	3.6	31.6
	4— 8	10.6	24.1	25.0	84	7.8	2.2	0.1
	9—13	8.2	22.8	23.0	83	7.5	2.3	0.7
	14—18	5.3	26.3	28.4	84	7.6	2.2	0.3
	19—23	8.0	24.6	26.2	85	6.9	2.9	10.8
	24—28	17.4	22.4	22.6	83	9.2	2.9	0.5
September	29— 2	14.2	20.3	21.3	89	8.9	1.2	34.1
	3— 7	13.4	20.2	20.9	88	7.7	2.0	0.2
	8—12	13.9	24.0	25.7	86	7.4	3.2	15.3
	13—17	9.0	24.2	26.3	87	8.0	3.6	15.7
	18—22	13.3	17.9	17.7	85	7.4	2.8	38.2
	23—27	12.3	19.3	18.5	82	8.5	2.6	21.8
October	28— 2	19.6	15.4	15.3	88	8.6	1.6	32.1
	3— 7	17.2	12.4	11.6	79	7.3	3.9	36.4
	8—12	19.2	8.8	9.3	82	6.6	1.6	4.2
	13—17	20.0	10.4	10.0	81	4.6	1.9	1.9
	18—22	21.9	12.0	11.9	86	8.8	1.8	22.5
	23—27	24.8	10.8	10.5	82	6.5	1.7	1.8
November	28— 1	8.8	10.3	10.1	81	7.9	2.8	20.8
	2— 6	17.4	8.9	7.9	71	4.7	3.1	1.5
	7—11	12.1	7.4	8.2	80	6.0	2.2	13.6
	12—16	18.9	5.4	6.0	68	5.3	2.9	1.4
	17—21	21.4	3.9	6.5	81	5.3	2.0	30.8
	22—26	27.0	6.9	8.4	84	6.6	1.7	0.0
December	27— 1	27.7	4.4	7.2	84	7.4	1.2	0.0
	2— 6	25.1	3.2	6.3	79	7.4	2.5	6.5
	7—11	24.6	4.4	7.4	85	8.1	2.1	41.6
	12—16	18.4	1.1	5.5	84	6.8	2.2	7.2
	17—21	19.6	0.4	5.0	81	4.8	2.5	5.6
	22—26	10.9	-1.1	4.7	83	8.1	4.9	28.6
	27—31	18.6	-3.3	3.7	79	7.1	4.7	5.9
Mean		15.7	10.1	11.6	81	7.4	3.0	13.3

SEISMOLOGICAL OBSERVATIONS

Remarks :—

1. The seismic intensity is divided into the following eight classes according to the scale of the Central Meteorological Observatory of Japan (1949).

Untelt	0	
Felt	1.	Slight
	2.	Weak
	3.	Rather strong
	4.	Strong
	5.	Very strong
	6.	Disastrous
	7.	Very disastrous

2. The time adopted in the seismological observations is Japanese Central Standard Time 9 east from Greenwich.

3. Symbols and Notations.

i : Sudden deginning of motion.

e : Gradual beginning of motion.

? : Doubtful phase.

+ : Out of order of the instrument.

⊕ : Out of the range of the instrument.

[ ] : Depth of focus in the unit of km.

[S] : Shallow-focused earthquakes.

A.S.: After-shock

4. The sige of maximum amplitude : + towards E and N.
− towrds W and S.

EARTHQUAKES, 1954.

No.	Date 1953	P E	P W	P N	P S	S E	S W	S N	S S	L E	L W	L N	L S	Maximum Range of Motion E W	Maximum Range of Motion N S	Duration of Total Earthquake	Intensity	Epicenter and Remarks
		h m s	h m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	m s	μ	μ	m s		
1	Jan. 1	13 45 10		—	—	45 42		45 43		—	—	—	—	+ 13	—	4 32	0	41.8°N, 142.4° [60]
2	1	17 16 10		—	—	16 33		*e* 16 31		—	—	—	—	+ 5	—	3 20	0	
3	1	22 13 17		*e* 13 21		? 19 20		? 19 23		—	—	—	—	—	—	15 40	0	8.5S, 146.5E [100]
4	2	22 53 32		*e* 53 33		54 19		*e* 54 20		—	—	—	—	− 16	+ 8	6 57	0	42N, 146.5E [40-60]
5	3	23 18 20		—	—	18 42		—	—	—	—	—	—	—	—	1 31	0	
6	4	2 32 01		32	01	32 54		32 54		—	—	—	—	− 81	+ 75	10 35	0	43.1N, 144.9E [100]
7	4	19		—	—	16 09		16 10		—	—	—	—	+ 5	—	— —	0	
8	5	*e* 11 58 56		—	—	59 27		59 24		—	—	—	—	− 5	—	4 16	0	
9	5	12 19 04		19	04	19 52		19 53		—	—	—	—	− 10	—	6 19	0	42.3N, 145.5E [40–60]
10	7	22 39 49		—	—	40 54		40 54		—	—	—	—	+ 11	—	7 16	0	44.4N, 138.7E [280]
11	8	4		—	—	41 46		—	—	—	—	—	—	—	—	— —	0	
12	8	5		—	—	06 36		—	—	—	—	—	—	—	—	— —	0	
13	8	13 14 18		—	—	14 31		—	—	—	—	—	—	—	—	8 54	1	39.8N, 141.8E [100]
14	9	17 07 42		*e* 07	43	08 24		08 23		—	—	—	—	− 48	+ 38	12 41	0	34.8N, 142.3E [60]
15	10	*e* 22 25 55		—	—	*e* 26 38		—	—	—	—	—	—	− 3	—	3 41	0	
16	11	22 35 13		—	—	36 02		*e* 36 02		—	—	—	—	+ 6	—	4 22	0	
17	12	2 13 45		*e* 13	40	17 43		*e* 17 38		—	—	—	—	+ 6	—	18 47	0	
18	12	23 48 38		*e* 48	38	49 04		49 04		—	—	—	—	+ 9	—	4 19	0	
19	13	18 26 45		—	—	*e* 27 18		*e* 27 22		—	—	—	—	+ 4	—	5 12	0	
20	13	18 40 14		40	14	40 26		40 26		—	—	—	—	± 15	—	3 28	0	
21	16	2		—	—	07 34		—	—	—	—	—	—	− 2	—	— —	0	
22	16	4 34 37		—	—	34 50		—	—	—	—	—	—	− 6	—	2 37	0	
23	17	12 05 33		—	—	06 22		06 23		—	—	—	—	− 10	+ 13	13 17	0	33.5N, 141.8E [40]
24	17	12 36 11		—	—	36 22		—	—	—	—	—	—	—	—	2 11	0	
25	17	12 50 25		—	—	50 39		—	—	—	—	—	—	—	—	1 30	0	
26	17	20		—	—	07 28		—	—	—	—	—	—	+ 5	—	— —	0	
27	17	20 47 03		47	03	47 39		47 41		—	—	—	—	+113	+170	13 06	0	36.1N, 140.1E [70]
28	18	19 00 00		00	00	00 15		00 13		—	—	—	—	+ 56	+ 23	33 39	0	
29	18	19		—	—	55 45		—	—	—	—	—	—	+ 3	—	— —	0	
30	18	23 46 32		46	34	47 27		47 27		—	—	—	—	+ 7	—	6 58	0	33.9N, 141.4E [40]
31	19	*e* 0 45 45		—	—	46 00		—	—	—	—	—	—	—	—	1 22	0	
32	19	15 17 28		—	—	*e* 17 37		—	—	—	—	—	—	—	—	1 27	0	
33	21	*e* 6 15 40		—	—	16 00		—	—	—	—	—	—	—	—	1 33	0	
34	22	5 29 39		29	39	29 52		29 53		—	—	—	—	− 15	− 5	3 55	0	
35	26	*e* 20 40 25		—	—	40 36		—	—	—	—	—	—	− 6	—	1 53	0	
36	28	12 42 04		—	—	42 34		—	—	—	—	—	—	± 14	—	3 53	0	
37	30	8 18 19		—	—	18 38		18 41		—	—	—	—	− 5	—	2 21	0	
38	31	15 40 39		—	—	40 50		—	—	—	—	—	—	− 5	—	2 32	0	
39	Feb. 1	5 53 04		—	—	53 20		53 20		—	—	—	—	± 13	+ 8	3 21	0	
40	1	10 10 33		10	32	13 37		13 36		—	—	—	—	—	+653	54 02	0	25.0N, 144.0E [S]
41	1	*e* 10 24 04		? 24	07	? 27	25	—	—	—	—	—	—	—	—	— —	0	
42	1	11 29 33		—	—	29	58	—	—	—	—	—	—	—	—	2 58	0	
43	1	18		—	—	49	44	—	—	—	—	—	—	—	—	— —	0	
44	1	22		—	—	24	21	—	—	—	—	—	—	—	—	— —	0	
45	2	6 09 46		—	—	10	02	—	—	—	—	—	—	+ 4	—	2 13	0	42.0N, 142.1E [40]
46	2	12		—	—	50	13	—	—	—	—	—	—	—	—	— —	0	
47	3	2		—	—	17	30	—	—	—	—	—	—	—	—	— —	0	
48	3	*e* 17 05 53		—	—	06	25	*e* 06	25	—	—	—	—	+ 6	—	4 21	0	34.2N, 141.6E [40]
49	4	3 25 54		*e* 25	52	27	17	27	19	—	—	—	—	− 32	+ 25	6 13	0	44.3N, 149.0E [100–120]
40	4	12 44 49		—	—	45	43	*e* 45	44	—	—	—	—	− 5	—	4 55	0	
51	4	22		—	—	10	36	10	36	—	—	—	—	+ 7	—	— —	0	
52	5	*e* 7 41 14		—	—	41	33	—	—	—	—	—	—	—	—	1 13	0	
53	5	18 28 05		*e* 28	10	*e* 34	29	*e* 34	36	—	—	—	—	—	—	31 55	0	4.5S, 153.0E
54	6	7 47 29		—	—	47	44	—	—	—	—	—	—	− 7	—	1 58	0	
55	7	*e* 12 47 26		—	—	47	44	—	—	—	—	—	—	—	—	2 12	0	

EARTHQUAKES, 1954.

No.	Date 1954	P				S				L				Maximum Range of Motion				Duration of Total Earth-quake		Intensity	Epicenter and Remarks
		E		W		N		S		E		W		N		S		E	W	N	S
		h	m	s		m	s			m	s			m	s			μ		μ		m	s		
56	Fev. 7	15	25	25		—	—			25	47			e 25	47			—	—	—	—	+ 5		—	2 41	0	
57	8	21	47	17		—	—			47	43			—	—			—	—	—	—	− 2		—	1 28	0	
58	9	e 3	45	21		—	—			47	11			e 47	21			—	—	—	—	− 7		—	6 12	0	30°, 143°E [S]
59	9	11	56	23		—	—			57	06			e 57	09			—	—	—	—	− 4		—	3 04	0	
60	9	13	04	53		—	—			05	24			e 05	25			—	—	—	—	+ 26		+ 25	7 33	0	41.6N, 144.6E [40]
61	9	20	19	18		—	—			19	56			—	—			—	—	—	—	− 4		—	3 34	0	
62	11	9	36	36		e 36	39			41	43			41	37			46	02	45	36	+457		−890	60 06	0	39.5N, 101.0E
63	12	2	28	23		—	—			28	51			—	—			—	—	—	—	—		—	3 30	0	
64	12	e 12	02	01		—	—			02	19			02	19			—	—	—	—	+ 9		—	1 58	0	
65	14	23	43	25		e 43	24			44	27			e 44	31			—	—	—	—	+ 14		+ 13	7 21	0	34.3N, 141E [40]
66	17	10	43	18		43	20			e 47	01			e 47	02			—	—	—	—	—		—	14 10	0	
67	17	20	38	49		38	50			40	38			40	37			—	—	—	—	+ 27		− 28	7 58	0	46N, 151E [100]
68	20	4	19	56		e 19	59			? 30	09			e 29	56			—	—	—	—	—		—	54 35	0	
69	20	10				—	—			56	36			—	—			—	—	—	—	—		—	— —	0	
70	20	15	25	14		—	—			26	40			—	—			—	—	—	—	—		—	3 26	0	31.2N, 140.5E [200]
71	21	3	43	03		43	02			49	25			49	26			—	—	—	—	+123		+228	30 16	0	3.0S, 144E
72	21	4				—	—			18	52			—	—			—	—	—	—	− 4		—	— —	0	
73	21	4	43	32		e 43	37			44	05			44	07			—	—	—	—	− 11		+ 10	5 36	0	35.7N, 140.9E [40]
74	22	15	12	45		12	45			13	41			13	38			—	—	—	—	+ 95		+120	15 39	0	34.3N, 141.7E [60]
75	22	19				28	02			—	—			29	26			—	—	—	—	— —		+ 58	15 32	0	341.N, 141.7E [60]
76	22	20				e 00	02			—	—			00	39			—	—	—	—	—		—	3 02	0	
77	22	23	52	39		—	—			53	29			53	31			—	—	—	—	− 6		—	3 47	0	
78	25	2	28	54		28	55			29	40			29	35			—	—	—	—	+171		−200	11 49	0	36.0N, 139.9E [40–50]
79	25	5	20	01		—	—			20	18			20	19			—	—	—	—	—		—	1 51	0	
80	25	5	48	02		48	04			50	11			50	11			—	—	—	—	− 25		− 25	7 00	0	27.5N, 140.5E [40]
81	25	17	08	42		08	42			08	54			08	55			—	—	—	—	± 20		+ 10	2 26	0	38.4N, 141.7E [40]
82	25	23	43	32		43	33			44	19			e 44	17			—	—	—	—	+ 54		− 50	8 38	0	39N, 144E [40]
83	26	4	54	52		54	53			55	18			55	20			—	—	—	—	− 33		− 20	5 17	0	40.9N, 143.0E [40]
84	26	e 7	25	06		—	—			25	49			—	—			—	—	—	—	—		—	3 56	0	
85	26	8	53	00		53	01			53	56			53	58			—	—	—	—	+ 61		+ 45	12 50	0	34.2N, 141.1E [30]
86	26	10	12	37		e 12	38			12	53			12	54			—	—	—	—	+ 12		—	3 00	0	
87	26	12	22	58		22	59			24	16			24	15			—	—	—	—	+ 27		+ 23	5 44	0	44.3N, 147.8E [120]
88	27	e 9	33	00		—	—			33	12			—	—			—	—	—	—	− 9		—	1 35	0	
89	28	9	59	03		e 59	00			—	—			? 64	08			—	—	—	—	—		—	13 41	0	27.8N, 131E [200]
90	28	11	50	29		—	—			50	56			50	57			—	—	—	—	+ 27		+ 18	2 19	0	
91	Mar. 2	6	14	25		—	—			14	41			14	40			—	—	—	—	− 21		+ 15	4 27	0	38.1N, 140.8E [120]
92	3	8				—	—			55	11			—	—			—	—	—	—	—		—	— —	0	
93	3	e 14	12	59		—	—			13	20			13	17			—	—	—	—	—		—	2 55	0	
94	3	15	11	12		11	12			17	48			17	48			—	—	—	—	+ 55		—	42 02	0	5S, 142.5E
95	3	17	29	36		29	35			30	00			30	01			—	—	—	—	− 32		+ 40	5 34	0	41.3N, 142.6E [40]
96	2	e 21	59	30		—	—			e 59	47			—	—			—	—	—	—	—		—	1 16	0	
97	4	e 14	49	23		—	—			e 49	41			—	—			—	—	—	—	—		—	2 17	0	
98	5	9	53	13		e 53	11			53	30			53	29			—	—	—	—	+ 20		—	3 38	0	
99	5	13	14	02		14	03			14	28			14	27			—	—	—	—	−195		+203	14 07	0	39.4N, 143.6E [20]
100	6	14	15	59		—	—			e 16	28			e 16	25			—	—	—	—	− 4		—	4 29	0	
101	8	8	35	40		35	40			36	26			36	29			—	—	—	—	+ 76		− 78	10 48	0	37.8N, 143.9E [80]
102	8	22	38	20		38	20			38	45			38	45			—	—	—	—	− 60		+ 60	8 28	0	37.7N, 143.6E [60]
103	8	23				—	—			e 35	44			—	—			—	—	—	—	—		—	— —	0	
104	9	14	21	35		—	—			21	57			—	—			—	—	—	—	—		—	1 20	0	
105	9	14	43	13		e 43	14			46	03			e 46	03			—	—	—	—	—		+ 53	29 07	0	52N, 157E
106	10	e 21	25	25		—	—			25	50			—	—			—	—	—	—	—		—	1 29	0	
107	16	e 7	49	01		e 49	01			—	—			—	—			—	—	—	—	—		—	2 37	0	
108	20	23	09	05		—	—			09	24			—	—			—	—	—	—	− 4		—	1 20	0	
109	22	8	49	44		49	43			55	33			55	41			—	—	—	—	—		—	47 28	0	
110	22	11				—	—			17	22			? 17	22			—	—	—	—	−183		−498	— —	0	25N, 96E [150]
																						+ 3		—			

EARTHQUAKES, 1954.

No.	Date 1954	P			S			L			Maximum Range of Motion			Duration of Total Earth-quake		Intensity	Epicenter and Remarks
		E	W	N S	E	W	N S	E	W	N S	E	W	N S				
		h m s		m s	m s		m s	m s		m s	μ		μ	m s			
111	Mar. 22	16 02 06		02 05	02 41		02 41	— —		— —	+ 64		− 53	6 37		0	40.7°N, 143.4° [20]
112	24	6 26 06		— —	26 36		26 35	— —		— —	− 5		—	3 27		0	
113	24	23 40 38		— —	41 07		41 08	— —		— —	− 11		+ 13	3 46		0	
114	26	13 36 03		36 04	36 29		36 30	— —		— —	−372		−510	2 29		0	41.2N, 142.2E [60]
115	26	19 49 02		e 49 20	50 09		50 09	— —		— —	+ 26		+ 23	7 11		0	44N, 147E [80]
116	27	20 35 27		35 27	36 20		36 20	— —		— —	+ 76		+ 75	4 22		0	44.3N, 141.9E [230]
117	28	1 20 27		— —	20 54		20 53	— —		— —	− 14		—	2 38		0	41.5N, 142.3E [60]
118	29	? 5 42 22		? 42 28	? 46 52		e 46 51	— —		— —	−		+ 83	23 06		0	52N, 176E
119	29	13		— —	06 47		? 06 47	— —		— —	− 15		− 25	— —		0	
120	29	? 15 33 46		33 50	39 15		39 15	— —		— —		—		16 48		0	
121	30	19 51 44		e 51 47	52 17		52 18	— —		— —	+ 6		—	2 58		0	
122	Apr. 1	3 37 45		37 49	47 30		47 30	55 22		55 35	+ 6		+ 63	59 01		0	13.5N, 58E
123	2	3 21 45		e 21 47	23 34		23 35	— —		— —	+ 11		+ 25	28 30		0	46.5N, 153E
124	2	7		— —	15 52		— —	— —		— —		—		— —		0	
125	5	8 14 51		14 50	15 23		15 23	— —		— —	−291		+360	21 51		1	41.9N, 142.8E [50]
126	9	23		— —	01 03		e 01 04	— —		— —	− 11		—	— —		0	
127	10	21 53 42		— —	54 28		e 54 25	— —		— —	− 6		—	3 37		0	35.5N, 139.7E [35]
128	10	23 51 33		— —	52 12		e 52 14	— —		— —	− 9		—	4 04		0	35.5N, 139.7E [40]
129	11	e 3 12 33		— —	13 02		— —	— —		— —	− 4		—	2 38		0	
130	11	e 19 37 44		? 37 47	? 47 23		? 47 16	— —		— —		—		15 00		0	
131	11	e 20 02 46		— —	e 11 04		— —	— —		— —		—		12 21		0	
132	13	10 45 40		e 45 46	46 14		46 18	— —		— —	+ 68		− 70	4 22		0	
133	14	0		— —	? 29 38		? 29 41	— —		— —		—		— —		0	
134	15	18 15 05		— —	15 31		15 33	— —		— —	− 11		—	1 57		0	41.5N, 142.1E [30–40]
135	16	1 35 45		e 35 45	36 05		36 05	— —		— —	− 22		− 15	3 39		0	37.1N, 141.3E [40]
136	16	6 24 45		— —	24 55		— —	— —		— —	+ 3		—	1 36		0	
137	16	19 31 24		31 23	32 01		32 01	— —		— —	− 51		− 45	8 52		0	42.6N, 143.0E [100]
138	17	21 10 49		10 48	11 19		11 15	— —		— —	− 85		+115	9 25		0	41.8N, 141.0E [120]
139	18	e 5 16 51		e 16 53	e 21 42		e 21 42	— —		— —		—		32 23		0	51N, 179E
140	20	7		— —	30 26		— —	— —		— —		—		— —		0	
141	22	23 57 48		57 44	60 49		60 51	— —		— —	+ 51		− 23	10 32		0	22N, 144E [320]
142	25	2 35 07		e 35 08	35 56		e 36 00	— —		— —	+ 31		− 8	12 41		0	34N, 141E [80–90]
143	25	3 34 11		e 34 11	34 53		34 53	— —		— —	+ 43		+ 43	6 48		0	43.1N, 142.1E [130–140]
144	25	16		— —	e 31 40		— —	— —		— —	+ 3		—	— —		0	
145	26	11 12 03		12 04	12 28		12 31	— —		— —	+ 76		− 88	14 41		0	42.0N, 142.7E [60]
146	27	5 28 52		28 53	31 56		e 32 05	— —		— —	+ 12		—	7 00		0	52N, 159E [100]
147	28	3 49 04		49 04	49 20		49 21	— —		— —	+ 15		− 8	2 44		0	
148	29	? 20 47 08		— —	? 54 37		? 54 36	— —		— —		—		48 26		0	
149	30	1		— —	01 54		e 01 56	— —		— —	+ 9		—	— —		0	
150	30	e 22 15 02		? 15 03	? 25 27		e 25 30	— —		— —		—		53 07		0	40N, 23E
151	May 3	7 08 58		— —	09 11		— —	— —		— —	+ 6		—	1 06		0	
152	4	0 33 58		33 57	? 37 19		? 37 36	— —		— —	+ 15		−100	62 16		0	52N, 162E
153	4	15 25 38		25 40	26 10		26 11	— —		— —	+ 91		+100	8 22		1	36.4N, 141.2E [40]
154	5	1		— —	e 26 28		— —	— —		— —		—		— —		0	
155	5	e 20 40 43		e 40 42	? 45 05		e 45 05	— —		— —		—		9 46		0	
156	6	4 22 46		— —	23 04		— —	— —		— —	+ 6		—	1 31		0	37.6N, 141.7E [50]
157	7	11		e 21 07	— —		22 02	— —		— —		—		4 05		0	43.1N, 146.1E [70]
158	8	14		— —	e 09 26		— —	— —		— —		—	− 25	— —		0	
159	10	14		— —	03 16		03 17	— —		— —	− 5		—	— —		0	
160	11	5 37 50		37 52	37 59		38 00	— —		— —	− 10		—	— —		0	
161	12	7 50 49		50 49	51 21		51 21	— —		— —	− 20		+ 18	3 32		1	38.7N, 141.9E [80]
162	14	5 57 14		57 15	57 34		57 35	— —		— —	− 98		−108	10 29		0	41.5N, 140.6E [0–10]
163	15	7 40 37		— —	41 26		— —	— —		— —	± 33		− 28	5 03		0	37.3N, 141.7E [50]
164	18	e 14 37 41		— —	37 55		37 57	— —		— —		—		30 11		2	36.0N, 137.E [230–240]
165	27	18 58 09		— —	58 48		58 46	— —		— —	− 7		—	1 25		0	
											− 12		+ 15	4 09		0	42.1N, 143.3E [80]

EARTHQUAKES, 1954.

No.	Date 1954	P				S				L				Maximum Range of Motion				Duration of Total Earthquake		Intensity	Epicenter and Remarks
		E		W		N		S		E		W		N		S		E	W	N	S
		h	m	s		m	s			m	s			m	s			μ		μ		m	s		
166	June 1	e	10	38	51	—		—		39	14	e	39	15	—		—	− 5		—		2	23	0	
167	1	e	17	51	45	—		—		52	02		—	—	—		—	—		—		2	32	0	
168	2		19	24	18	—		—		24	29		—	—	—		—	− 30		—		2	17	0	39.7°N, 142.1°E [40–50]
169	4	e	9	47	17	—		—		48	34		48	33	—		—	− 13		—		3	30	0	43.5N, 149E [80]
170	5		1	41	36	—		—		e	42	06	—		—		—	—		—		2	40	0	
171	5		22	15	18		15	18			15	53		15	52	—		− 82		− 83		7	11	0	36.0N, 139.9E [50–60]
172	7		1	58	39		58	38			65	00		65	00	—		—		+ 50		37	16	0	3S, 136.5E
173	7		7	00	32	e	00	35			01	39		01	38	—		+ 12		− 25		6	57	0	32.2N, 140.8E [70]
174	7	e	19	23	03	e	23	03		e	24	21	?	24	22	—		− 27		− 40		5	54	0	
175	9		6	03	42	—		—			04	02	e	04	01	—		± 25		− 18		3	20	0	37.5N, 141.5E [40]
176	11		7	40	18		40	19			42	06		42	08	—		− 78		− 50		6	27	0	29.3N, 139.8E [380]
177	12		16	06	26		06	26			06	37		06	36	—		− 19		—		2	12	0	
178	14	e	22	59	12	—		—			59	32		59	33	—		+ 5		—		2	51	0	
179	15	e	22	34	32	—		—			36	21	e	36	20	—		− 15		+ 13		5	09	0	47.5N, 146.5E [500]
180	16		0	05	29	—		—			05	45	e	05	45	—		− 7		—		3	11	0	36.4N, 141.1E [30]
181	19	e	10	59	47	e	59	48		e	62	11	?	62	01	—		—		—		11	34	0	29.3N, 131.3E [0–10]
182	20	e	1	57	54	—		—			58	15		58	16	—		+ 5		—		2	30	0	
183	20		6	46	50	—		—			47	20	e	47	18	—		+ 5		—		2	42	0	42.1N, 142.5E [60]
184	22		17	17	09	—		—			17	25		17	25	—		− 23		+ 25		3	40	0	
185	23	e	4	51	55	—		—			52	12		—	—	—		—		—		2	48	0	
186	23	e	17	57	56	—		—			58	44		—	—	—		+ 2		—		3	40	0	
187	25	e	23	50	10	—		—			50	36		—	—	—		—		—		1	51	0	
188	26		8	25	44	e	25	47			27	32		27	34	—		+ 5		—		5	31	0	29N, 139 [450–500]
189	28		9			—		—			05	32		—	—	—		—		—		—	—	0	
190	29		23	58	57	—		—			59	21		59	22	—		− 6		—		2	30	0	37.2N, 141.4E [80]
191	30		3	23	50	—		—			24	42		24	46	—		− 3		—		5	41	0	
192	July 1		20			—		—			33	45		—	—	—		—		—		—	—	0	
193	2		11			—		—			51	26	e	54	51	—		—		+ 23		35	33	0	
194	2	e	13			—		—		e	50	26		—	—	—		—		—		—	—	0	
195	4	e	1	20	13	—		—		e	20	34		—	—	—		—		—		2	14	0	
196	4	e	7	41	02		40	59		e	45	33	e	45	46	—		—		—		9	26	0	6.5N, 106E [100]
197	5	e	5	09	42	—		—		e	09	59		—	—	—		—		—		1	36	0	46N, 154E [100]
198	6		17	07	16		07	15			09	12		09	13	—		− 35		−205		28	56	0	
199	6		19	17	29	—		—			18	43		—	—	—		− 9		—		5	33	0	
200	6	e	20	16	26	—		—			17	08		—	—	—		− 6		—		4	03	0	
201	6		20			—		—			25	40		—	—	—		+ 5		—		—	—	0	
202	9		3	54	45	e	54	47			55	38		55	36	—		—		—		6	14	0	34.2N, 141.6E [60]
203	10		0	39	53	e	39	51			40	53		40	51	—		− 46		− 33		10	31	0	43.0N, 147.0E [40]
204	10		3	29	44		29	42			30	21		30	20	—		+171		+155		10	55	0	40.7N, 139.3E [300]
205	13	e	2	35	02	e	35	03			36	54		36	54	—		+ 5		—		13	45	0	
206	13		17	27	46	—		—			28	10		—	—	—		—		—		1	50	0	
207	15		12			—		—		e	18	23		—	—	—		—		—		—	—	0	
208	16		21	42	24	e	42	27			42	57		42	56	—		− 56		− 85		11	23	0	39.5N, 144.5E [60]
209	18		15	39	32	—		—			43	24		—	—	—		+ 5		—		8	44	0	55N, 161.5E
210	18		18	08	37		08	37			09	14		09	13	—		+418		+605		27	47	0	35.5N, 141.1E [40]
211	18		19	39	04		39	04			39	36		39	37	—		+ 27		+ 15		5	55	0	36.4N, 140.9E [40]
212	18		21	47	48	e	47	46			48	17		48	16	—		− 11		+ 18		7	16	0	35.5N, 141.0E [50]
213	18		23	21	13	—		—			21	48		21	50	—		− 10		− 23		7	46	0	35.6N, 141.0E [40]
214	19		0	54	25	e	54	26			54	47		54	48	—		+ 6		+ 10		5	27	0	35.6N, 140.9E [40]
215	19		11	57	13	e	57	13			57	36	e	57	38	—		− 8		—		3	51	0	
216	21		17	43	33	e	43	32			44	30	e	44	31	—		+ 10		—		10	15	0	
217	21		22	08	48	e	08	50			09	03		09	04	—		+ 15		+ 15		3	52	0	38.5N, 143E [40]
218	21		22	51	50		51	51			52	44		52	44	—		− 9		− 13		7	59	0	33.7N, 141.2E [40]
219	24		19	45	07	—		—			45	24	e	45	25	—		− 5		—		2	35	0	
220	25		13	57	19	—		—			57	29		57	30	—		− 25		—		3	14	0	

EARTHQUAKES, 1954.

No.	Date 1954	P E	P W	P N	P S	S E	S W	S N	S S	L E	L W	L N	L S	Maximum Range of Motion E	Maximum Range of Motion W	Maximum Range of Motion N	Maximum Range of Motion S	Duration of Total Earthquake	Intensity	Epicenter and Remarks
		h m s		m s		m s		m s		m s		m s		μ		μ		m s		
221	July 27	*e* 22 37 16		—	—	*e* 37 43		—	—	—	—	—	—	+ 2		—		2 16	0	
222	29	? 12 38 06		? 38	14	? 42 38		? 42	47	—	—	—	—	—		—	15	27 41	0	51°N, 158°E
223	31	8 00 37		00	36	01 02		*e* 00	59	—	—	—	—	+ 33		—	5	6 39	0	41.6N, 140.6E [20]
224	31	10 06 06		06	06	11 10		? 11	16	—	—	—	—	— 7		—	16	35 53	0	40N, 105E
225	Aug. 1	*e* 9 24 42		—	—	25 28		—	—	—	—	—	—	— 4		—		3 44	0	
226	1	11 24 52		—	—	25 41				—	—	—	—	—		—		2 53	0	
227	2	9 48 48		*e* 48	50	49 07		49	07	—	—	—	—	— 29		+ 25		4 20	0	37.6N, 141.7E [50–60]
228	3	*i* 20 29 26		*e* 29	29	29 52		29	56	—	—	—	—	+ 71		— 50		7 36	0	39.1N, 143.7E [40–60]
229	4	0 57 23		—	—	57 34		—	—	—	—	—	—	—		—		1 03	0	
230	5	6		—	—	38 42		—	—	—	—	—	—	+ 4		—		— —	0	
231	6	8 52 54		? 52	54	*e* 59 30		? 59	34	—	—	—	—	—		—		9 42	0	
232	6	*e* 21 03 27		—	—	04 07		—	—	—	—	—	—	— 4		—		2 19	0	42.1N, 142.7E [40]
233	7	1		53	37	— —		—	—	—	—	—	—	—		—		— —	0	
234	10	4 21 21		21	19	25 00		25	09	—	—	—	—	—		—		19 29	0	52N, 161E
235	10	6 25 56		—	—	27 02		27	02	—	—	—	—	+ 10		—		3 50	0	44.3N, 146.2E [140]
236	10	14 36 37		36	37	38 17		38	19	—	—	—	—	+ 16		+ 15		6 41	0	30.2N, 139.4E [430]
237	10	21 46 35		—	—	46 54		—	—	—	—	—	—	+ 22		—		2 13	0	
238	11	*e* 3 02 29		—	—	02 47		02	46	—	—	—	—	± 17		—		3 00	0	
239	11	16 27 47		27	48	28 17		28	17	—	—	—	—	+203		−170		11 12	0	41.0N, 143.4E [60]
240	12	*e* 19 13 30		—	—	13 54		—	—	—	—	—	—	—		—		2 13	0	36.6N, 140.7E [40–50]
241	12	22		—	—	43 03		43	03	—	—	—	—	— 21		— 13		— —	0	
242	14	5 58 24		—	—	58 37		—	—	—	—	—	—	—		—		2 27	0	
243	15	? 8 04 35		—	—	? 05 33		—	—	—	—	—	—	—		—		3 22	0	
244	15	12 58 36		—	—	58 53		*e* 58	50	—	—	—	—	+ 3		—		1 42	0	
245	15	*e* 13 56 28		—	—	56 43		56	51	—	—	—	—	— 5		—		2 17	0	
246	18	13 53 35		53	36	? 57 40		—	—	—	—	—	—	— 23		+ 18		17 37	0	21S, 174W [100]
247	18	14 52 30		—	—	53 00		53	02	—	—	—	—	— 12		+ 5		3 27	0	
248	21	23 43 11		—	—	44 25		*e* 44	23	—	—	—	—	+ 6		—		3 52	0	
249	22	15		—	—	*e* 58 52		—	—	—	—	—	—	—		—		— —	0	
250	25	*e* 0 40 33		—	—	40 54		*e* 40	54	—	—	—	—	— 6		—		1 51	0	
251	25	*e* 1 31 33		—	—	*e* 31 45		—	—	—	—	—	—	+ 3		—		1 46	0	
252	25	14 53 36		—	—	54 07		*e* 54	07	—	—	—	—	+ 5		—		3 53	0	36.1N, 140.4E [60]
253	26	*e* 4 39 49		—	—	*e* 40 13		—	—	—	—	—	—	—		—		2 03	0	
254	26	14 16 55		—	—	17 05		17	06	—	—	—	—	+ 16		—		1 33	0	
255	27	3 45 41		—	—	46 49		46	50	—	—	—	—	— 6		—		6 45	0	44.5N, 148E [60]
256	27	19 58 27		58	27	*e* 61 01		*e* 61	03	—	—	—	—	— 20		+ 53		32 33	0	25N, 143E [S]
257	28	*e* 16 58 47		—	—	59 25		—	—	—	—	—	—	—		—		2 56	0	
258	28	19 02 06		02	06	02 36		02	36	—	—	—	—	+198		−200		13 40	1	36.7N, 141.1E [40]
259	30	16 59 01		59	00	60 14		60	13	—	—	—	—	— 74		+ 50		16 21	0	43.6N, 147.8E [60]
260	30	19 47 53		—	—	48 17		—	—	—	—	—	—	+ 6		—		2 45	0	37.2N, 140.7E [80–90]
261	31	17 25 26		—	—	26 06		26	06	—	—	—	—	— 11		—		4 20	0	42.8N, 143.8E [60–80]
262	Sept. 2	15 19 32		19	33	20 10		20	10	—	—	—	—	+ 26		+ 38		6 06	0	35.8N, 140.2E [70]
263	4	*e* 0 46 54		—	—	47 36		—	—	—	—	—	—	+ 3		—		3 56	0	34.3N, 140.8E [S]
264	4	*e* 12 36 13		—	—	*e* 39 14		—	—	—	—	—	—	— 4		—		10 49	0	
265	4	*e* 17 58 45		—	—	*e* 63 02		—	—	—	—	—	—	—		—		9 17	0	
266	4	19		—	—	*e* 00 04		—	—	—	—	—	—	—		—		— —	0	
267	7	3 34 52		34	50	*e* 37 53		37	54	—	—	—	—	+ 20		+ 30		20 07	0	31N, 158E [60]
268	7	*e* 9 13 47		—	—	17 18		—	—	—	—	—	—	—		—		14 51	0	
269	7	9 40 41		—	—	? 43 27		—	—	—	—	—	—	—		—		7 28	0	
270	12	5 18 17		—	—	18 52		18	10	—	—	—	—	+ 5		—		2 41	0	
271	12	9 00 58		*e* 01	00	02 44		02	44	—	—	—	—	+ 6		+ 5		5 50	0	29.5N, 139.5E [450]
272	12	16 44 34		44	35	45 11		45	12	—	—	—	—	—		−663		32 05	0	40.9N, 143.6E [20]
273	14	3		—	—	24 46		—	—	—	—	—	—	— 3		—		— —	0	
274	14	9		—	—	53 49		—	—	—	—	—	—	+ 5		—		— —	0	
275	16	3		—	—	06 17		—	—	—	—	—	—	+ 6		—		— —	0	

EARTHQUAKES, 1954.

No.	Date 1954	P				S				L				Maximum Range of Motion				Duration of Total Earthquake		Intensity	Epicenter and Remarks
		E		W		N		S		E		W		N		S		E	W	N	S
		h	m	s		m	s			m	s			m	s			μ		μ		m	s		
276	Sept. 17	e 10	21	45		—	—			e 22	10			—	—			—		—		2	34	0	
277	17	16	38	22		e 38	26			42	20			42	22			—		—		10	35	0	
278	17	20	14	20		e 14	21			e 23	27			e 23	22			—		—		27	39	0	205S, 177.5W [250]
279	17	20	53	15		e 53	18			54	04			54	04			—		—		5	04	0	42.8N, 144.8E [50–60]
280	17	e 23	48	01		e 48	02			49	49			49	51			—		—		8	45	0	29N, 141E [S]
281	20	5	15	16		? 15	21			15	45			—	—			—		—		5	39	0	38.2N, 138.7E [30]
282	20	7	27	41		e 27	41			28	10			28	13			—		—		4	37	0	
283	20	? 9	47	51		? 47	53			e 48	29			? 48	26			—		—		4	34	0	
284	20	e 19	39	19		—	—			39	43			—	—			—		—		2	18	0	36.8N, 141.5E [40]
285	21	23	55	49		55	49			56	17			56	19			—		—		7	58	0	40.9N, 143.4E [40]
286	23	1				—	—			e 28	57			—	—			—		—		—	—	0	
287	24	6	47	02		e 47	04			e 50	21			e 50	24			—		—		48	09	0	49N, 156E
288	25	19				—	—			e 54	16			—	—			—		—		—	—	0	
289	26	e 16	48	05		—	—			48	24			e 48	27			—		—		1	38	0	
290	28	1	39	18		39	19			39	55			39	57			—		—		13	08	1	42.4N, 142.6E [70–80]
291	28	2				19	24			—	—			20	00			—		—		5	02	0	42.5N, 142.6E [70–80]
292	28	e 9	28	50		—	—			e 29	24			e 29	24			—		—		6	25	0	
293	28	e 12	33	45		e 33	44			34	20			34	20			—		—		4	43	0	36.6N, 139.4E [0–10]
294	30	16				—	—			03	38			03	41			—		—		—	—	0	
295	Oct. 1	12	05	01		? 04	57			12	53			? 12	47			—		—		43	52	0	11°S, 166E
296	2	5	40	50		40	50			41	09			41	09			—		—		3	20	0	
297	2	7				—	—			00	55			—	—			—		—		—	—	0	
298	2	19	03	25		e 03	25			05	23			05	24			—		—		8	52	0	28.3N, 139.8E [450]
299	3	e 11	56	58		e 56	58			? 64	36			? 64	33	? 68	57	? 68	34	—	53	40	20	0	10S, 166E
300	3	e 20	27	13		27	14			e 33	51			e 33	49	—	—	—	—	—		29	11	0	
301	4	e 20	43	37		e 43	40			44	05			44	07	—	—	—	—	—		3	58	0	36.1N, 140.0E [40]
302	4	23				—	—			28	17			28	18	—	—	—	—	—		—	—	0	
303	5	2	23	37		23	36			23	56			23	56	—	—	—	—	—		4	52	0	
304	5	13	19	42		19	41			20	40			20	39	—	—	—	—	—		10	43	0	33.7N, 141.3 [50]
305	8	19	47	52		—	—			49	08			49	08	—	—	—	—	—		7	04	0	43.5N, 148.5E [60]
306	9	e 4				—	—			49	58			—	—	—	—	—		—		—	—	0	
307	9	e 7	40	35		—	—			40	50			e 40	49	—	—	—		—		1	48	0	
308	12	e 10				—	—			21	22			21	23	—	—	—		—		—	—	0	
309	13	e 0	03	09		—	—			e 03	38			—	—	—	—	—		—		3	10	0	
310	13	e 9	02	36		—	—			02	53			e 02	55	—	—	—		—		2	21	0	42.8N, 142.4E [160]
311	13	10	39	52		39	52			40	03			40	03	—	—	—		—		5	00	1	38.5N, 142.0E [40]
312	13	12				—	—			e 48	51			—	—	—	—	—		—		—	—	0	
313	13	19				—	—			e 43	14			—	—	—	—	—		—		—	—	0	
314	14	10	43	51		43	51			?110	35			110	36	—	—	—		—		12	06	0	7S, 128E
315	16	6	25	46		25	46			26	08			26	08	—	—	—		—		4	09	0	41.5N, 140.6E [10]
316	17	12	32	33		e 32	32			32	42			32	41	—	—	—		—		2	39	0	
317	19	15	53	28		53	26			53	45			53	44	—	—	—		—		3	12	0	
318	21	8	43	52		43	53			45	16			45	17	—	—	—		—		18	14	0	30.8N, 142.1E [40]
319	22	10	38	22		—	—			39	08			—	—	—	—	—		—		3	52	0	
320	23	1	31	39		e 31	39			33	00			32	58	—	—	—		—		6	33	0	32N, 138E [320]
321	23	e 2	15	40		e 15	43			17	01			17	00	—	—	—		—		5	29	0	31.9N, 138.9E [320]
322	23	? 9	47	20		—	—			48	30			48	29	—	—	—		—		9	24	0	45.5N, 147.5E [100]
323	23	e 11	05	49		—	—			06	08			06	07	—	—	—		—		3	13	0	
324	28	e 5	18	57		—	—			19	25			—	—	—	—	—		—		3	14	0	
325	29	0				—	—			42	15			42	15	—	—	—		—		—	—	0	
326	Nov. 2	? 17	33	34		? 33	33			? 40	42			? 40	41	—	—	—		—		20	22	0	
327	3	e 8	26	07		e 26	10			e 26	31			26	32	—	—	—		—		4	26	0	37.1N, 141.2E [40]
328	4	0	52	07		—	—			52	17			52	16	—	—	—		—		2	54	0	
329	5	6				—	—			e 05	18			—	—	—	—	—		—		—	—	0	
330	5	18	10	51		10	53			11	13			11	14	—	—	—		—		18	44	0	38.7N, 143.6E [40]

EARTHQUAKES, 1954.

No.	Date 1954	P E	P W	P N	P S	S E	S W	S N	S S	L E	L W	L N	L S	Maximum Range of Motion E W	Maximum Range of Motion N S	Duration of Total Farthquake	Intensity	Epicenter and Remarks
		h m s		m s		m s		m s		m s		m s		μ	μ	m s		
331	Nov. 5	19 47 48		e 47 57		e 48 29		e 48 30		— —		— —		+ 8	− 10	4 22	0	
332	6	e 7 51 13		51 18		? 54 56		55 03		— —		— —		—	—	9 33	0	
333	6	? 22 16 05		? 16 05		? 20 00		? 19 57		— —		— —		—	—	11 52	0	
334	7	23 36 36		36 36		e 37 17		e 37 19		— —		— —		− 22	+ 40	6 21	0	40.3°N, 145°E [60-80]
335	8	0 42 37		— —		42 55		42 53		— —		— —		+ 10	+ 8	2 52	0	
336	9	e 0 49 41		— —		50 21		e 50 23		— —		— —		− 4	− 5	3 06	0	
337	9	e 20 36 17		e 36 23		36 53		36 53		— —		— —		+ 37	+ 35	6 02	0	42.1N, 142.4E [80]
338	12	4 31 18		31 18		31 42		31 44		— —		— —		− 41	− 48	7 30	0	41.5N, 142.1E [60]
339	14	15		— —		08 30		— —		— —		— —		—	—	— —	0	
340	14	16		— —		40 54		— —		— —		— —		—	—	— —	0	
341	15	20 31 49		31 49		32 44		32 45		— —		— —		− 23	− 30	7 50	0	33.8N 141.3E [40]
342	16	1 31 12		31 10		34 51		34 53		— —		— —		− 34	+ 65	12 27	0	
343	18	2		— —		? 25 58		e 25 59		— —		— —		—	—	— —	0	
344	18	e 14 23 36		e 23 40		25 37		25 38		— —		— —		− 14	− 20	11 17	0	49N, 155E [100]
345	18	21 47 21		e 47 20		47 54		e 47 53		— —		— —		− 20	− 18	5 55	0	42.2N, 141.6E [80]
346	19	3 14 35		e 14 36		15 02		e 15 04		— —		— —		+ 14	− 25	9 06	0	36.4N, 142.8E [60]
347	19	5 45 16		45 16		— —		45 27		— —		— —		—	+2575	19 54	3	38.9N, 142.3E [60]
348	19	6 07 41		— —		07 51		— —		— —		— —		+ 10	—	3 12	0	
349	19	12 15 54		15 54		16 04		16 05		— —		— —		± 23	− 18	3 19	0	
350	19	14 57 50		57 50		59 20		59 19		69 46		69 47		− 90	− 83	18 46	0	41.2N, 131.8E [500]
351	21	e 15 52 47		— —		e 53 02		— —		— —		— —		—	—	1 18	0	
352	23	0 13 20		13 20		13 38		13 37		— —		— —		+ 40	+ 43	6 27	0	37.8N, 142.1E [40]
353	23	8 36 31		36 32		36 50		36 50		— —		— —		+ 11	+ 8	4 37	0	36.5N, 141.2E [50]
354	23	e 19 21 51		e 21 53		e 25 33		e 25 37		— —		— —		—	—	10 47	0	
355	24	6 17 17		17 18		20 50		20 49		— —		— —		—	—	11 46	0	
356	24	19		— —		27 53		27 55		— —		— —		− 5	—	— —	0	
357	25	20 27 42		? 27 41		36 43		36 45		— —		e 44 19		+ 16	− 50	61 14	0	
358	25	21 06 40		06 41		07 33		07 36		— —		— —		+ 67	+ 68	— —	0	43.2N, 146.6E [50]
359	27	22 46 36		46 35		46 43		46 41		— —		— —		± 42	± 28	2 10	1	38.8N, 142.1E [40]
360	30	12 19 53		19 51		20 10		20 11		— —		— —		+ 36	+ 50	5 43	0	40.4N, 142.5E [40]
361	Dec. 3	7 55 46		e 55 46		e 56 05		e 56 05		— —		— —		− 6	—	2 03	0	
362	3	11 47 24		47 23		48 00		47 59		— —		— —		+ 45	− 43	6 14	0	42.0N, 142.5E [60]
363	4	16 08 52		e 08 53		— —		— —		— —		— —		+ 6	− 13	8 57	0	5S, 152.5E
364	8	e 3 17 13		e 17 16		17 45		17 45		— —		— —		+ 6	− 8	6 52	0	
365	9	0		— —		e 31 55		— —		— —		— —		—	—	— —	0	
366	12	14		— —		e 12 20		— —		— —		— —		—	—	— —	0	
367	13	e 17 49 42		— —		50 17		— —		— —		— —		− 7	—	4 38	0	36.1N, 140.1E [40]
368	15	e 5 52 32		— —		e 52 52		— —		— —		— —		—	—	1 49	0	
369	16	20 18 46		e 18 48		e 28 25		e 28 19		— —		— —		—	—	78 05	0	39.5N, 118W
370	16	21		— —		e 22 21		e 22 19		— —		— —		—	—	— —	0	
371	25	4 58 38		58 40		e 59 38		e 59 40		— —		— —		+ 24	− 38	30 05	0	
372	25	15		— —		e 04 27		— —		— —		— —		− 6	—	— —	0	
373	26	e 12 44 29		e 44 37		e 45 43		e 45 43		— —		— —		− 15	—	13 59	0	
374	28	? 10 09 12		? 09 14		? 11 47		? 11 29		— —		— —		—	—	8 41	0	
375	29	e 22 04 22		— —		04 33		04 31		— —		— —		− 7	—	2 15	0	

PULSATORY OSCILLATIONS, 1954. (*EW Component.*)

No.	Beginning			Ending			Maximum				
	Date			Date			Date				Double Amplitude
	Month	Day	Hour	Month	Day	Hour	Day	Hour	Day	Hour	μ
1	Jan.	2	17	Jan.	4	9	3	7	3	9	6
2		4	21		8	14	6	2	6	12	13
3		8	20		12	19	10	1	10	20	21
4		14	3		15	1	14	7	14	11	5
5		21	8		23	10	21	17	22	9	5
6		24	8		27	13	24	21	26	3	16
7		28	16	Feb.	2	12	29	7	29	20	10
8	Feb.	6	1		9	9	7	5	7	9	5
9		12	8		16	9	12	16	13	8	20
10		17	6		19	20	17	15	18	9	8
11		20	15		24	2	20	21	21	5	11
12		26	15	Mar.	3	10	27	15	1	3	33
13	Mar.	3	15		4	17	3	18	4	8	20
14		4	21		6	18	5	8	5	22	17
15		7	5		9	13	7	13	8	22	23
16		9	19		11	10	10	1	10	9	15
17		11	17		17	11	11	20	13	11	25
18		19	22		22	23	20	12	20	23	9
19		24	13		25	9	24	18	24	22	5
20		25	15		26	12	25	21	26	1	8
21		27	23		31	10	28	15	29	6	20
22	Apr.	1	15	Apr.	2	11	1	23	2	5	4
23		2	14		3	12	2	20	3	3	3
24		3	17		5	9	3	22	4	4	5
25		6	4		10	7	7	2	7	14	11
26		12	7		16	6	12	10	13	23	62
27		18	3		19	7	18	8	18	23	13
28		19	8		20	20	19	10	19	20	19
29		28	15	May	1	6	30	1	30	18	10
30	May	1	17		3	15	2	12	3	3	8
31		3	23		7	20	4	8	4	13	7
32		8	17		11	14	9	15	10	23	24
33		14	8		16	3	14	20	15	11	11
34		25	2		26	10	25	10	25	18	10
35	June	2	17	June	4	21	3	8	3	22	13
36		6	17		10	8	7	11	8	9	23
37		11	4		14	9	11	20	12	14	8
38		15	8		18	10	15	17	16	10	10
39		19	17		23	1	20	14	21	11	18
40		23	3		25	21	24	2	24	18	11
41	July	6	7	July	7	9	6	12	6	20	9
42		16	7		17	8	16	13	16	17	3
43		29	9		30	17	29	12	29	17	5
44	Aug.	16	10	Aug.	18	12	17	2	17	18	6
45		19	5		22	1	20	16	21	8	20
46	Sept.	3	1	Sept.	5	1	4	6	4	12	9
47		13	23		17	9	14	9	15	6	10
48		18	12		20	17	19	3	19	20	34
49		26	8		27	22	26	15	27	12	22
50		28	18		29	21	29	5	29	11	8
51	Oct.	1	9	Oct.	6	11	4	1	4	23	17
52		12	1		14	13	12	23	13	15	10
53		18	7		23	23	21	9	22	17	11
54		27	7		30	9	28	20	29	17	11
55		30	15	Nov.	1	21	31	7	31	22	5
56	Nov.	2	5		4	5	2	13	2	23	9
57		5	6		7	10	6	2	6	17	3
58		10	12		14	10	11	9	12	1	9
59		16	15		18	9	17	3	17	19	6
60		19	16		21	9	20	0	20	14	18
61		21	17	Dec.	24	2	22	8	22	20	5
62	Dec.	25	2		1	8	26	1	26	15	10
63		1	12		5	2	2	12	3	3	16
64		8	8		11	12	8	20	10	14	13
65		12	9		18	9	15	2	15	16	14
66		19	20		28	22	22	5	24	2	11
67		30	1	Jan. (1955)	1	14	30	20	31	9	6