ANNUAL REPORT

OF THE

METEOROLOGICAL

AND THE

SEISMOLOGICAL OBSERVATIONS

MADE AT THE

INTERNATIONAL LATITUDE OBSERVATORY

OF MIZUSAWA

FOR

THE YEAR 1952.

LATITUDE 39° 08′ N., LONGITUDE 141° 08′ E.,

HEIGHT ABOVE MEAN SEA LEVEL, 62 METRES.

PUBLISHED BY THE INTERNATIONAL LATITUDE OBSERVATORY

OF MIZUSAWA.

1960

ERRATA

Page	Date	Column	Error	Correction
3	19	REMARKS P. M.	⊟, ⊠	⊟, ⊠, ✳
4	3	DIRECTION AND VELOCITY OF THE WIND (2)	NNW 3.9	NNW 3.6
5	6	VAPOUR PRESSURE (18)	2.3	2.8
〃	Mean	〃 〃 (Mean)	3.6	3.5
6	6	STATION PRESSURE (10)	18.8	19.8
〃	10	AIR TEMPERATURE (6)	−0.7	0.7
9	11	VAPOUR PRESSURE (14)	19.8	9.8
10	22, 23	DIRECTION AND VELOCITY OF THE WIND (14)	SSE	SE
13	28	FORMS OF CLOUD (6)	Cs, Ci - -	Cs - Sc
18	18	DIRECTION AND VELOCITY OF THE WIND (6)	NNW	WNW
21	28	REMARKS P. M.	●	●, ⊖
〃	29	〃 A. M.	—	⊖
22	1	STATION PRESSURE (10)	993.3	999.3
26	July	PRECIPITATION, Maximum, Date	17	15
36	No, 196	P N S	17 57	— —
〃	No. 198	〃 〃	33 —	— —
〃	No. 199	〃 〃	58 —	— —
〃	No. 211	〃 〃	00 39	— —
37	No. 238	S N S	18 18	58 18
38	No. 295	Intensity	0	1
39	No. 354	P E W	14 16 59	14 46 59
42	No. 496	P N S	24 00	— —
〃	〃	S E W	— —	24 00
〃	No. 534	P E W	16 40 32	16 40 35
44		P	N W	N S
45	No. 689	P E W	20 39 00	?20 39 00
46	No. 716	Maximum Range of Motion, E W	- 15	— 5
〃	No. 726	P N S	33 39	33 29
〃	No. 744	S E W	9 23	49 23
47	No. 797	Maximum Range of Motion, N S	- 8	—

Introduction

This annual report gives the results of the meteorological and seismological observations made at the International Latitude Station of Mizusawa during 1952 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 and snow measuring plates. 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. Observertions 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; $\log C=0.3411-0.2151\log(V+10)$, where V represents the wind velocity. This formula has been derived experimentally 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 vapour 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.

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-tube thermometers of 0.05, 0.1, 0.2 and 0.3 meters of depth and Simon's earth thermometers of 0.5, 1.0, 2.0, 3.0, 5.0 and 6.0 meters of 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 ground.

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
⁹	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	ᵂ	Undulatus
=	Mist, damp haze	⊤	Thunder	⋓	Mammatus
∞	Haze	◊	Pure air	⬭	Lenticularis
⫦	Haze in the neighbourhood	⊙	Solar corona	Ci	Cirrus
▽	Showers	⊞	Lunar corona	Cs	Cirro-stratus
⧋	Soft hail	⫟	Iridescence	Cc	Cirro-cumulus
△	Small hail	⊕	Solar halo	Ac	Alto-cumulus
▲	Hail	⊍	Lunar halo	As	Alto-stratus
⧟	Dust storm	◠	Rainbow	Sc	Strato-cumulus
⧟	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:

	EW-Component	NS-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 point of support and suspension	104 cm	104 cm

The pulsatory oscillations are observed only with EW-Component seismograph. The observations and computations have been worked out by Messrs, late S. Sato, I. Kumagai, K. Suzuki and Mrs. M. Yunome under the superintendence of Dr. C. Sugawa.

Jun. 1960

T. Ikeda

Director of the International Latitude Observatory of Mizusawa.

METEOROLOGICAL OBSERVATIONS

JANUARY, 1952.

Day	STATION PRESSURE (1000mb+)							M.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	998.6	1.0	5.7	5.6	8.3	11.3	5.1	6.6	8.9	13.6	13.5	16.2	19.4	13.0	0.6	0.5	4.0	3.3	2.0	0.7	1.9
2	12.9	15.1	16.7	15.8	17.1	15.1	15.5	21.0	23.2	24.8	23.8	25.2	23.2	23.5	0.0	0.1	1.1	1.4	0.5	−0.8	0.4
3	13.6	11.0	10.5	9.5	12.4	14.6	11.9	21.6	19.0	18.5	17.4	20.5	22.7	20.0	−1.1	−1.1	−0.9	1.2	−0.8	−0.6	−0.5
4	16.7	18.6	18.9	16.4	13.7	10.9	15.9	24.8	26.7	26.9	24.4	21.6	18.9	23.9	−0.2	−0.1	1.3	2.5	1.8	2.3	1.3
5	9.4	10.9	13.0	12.8	16.2	18.0	13.4	17.3	18.9	21.0	20.8	24.3	26.1	21.4	1.7	0.4	0.8	1.7	0.1	−1.2	0.6
6	18.1	17.5	16.0	10.2	8.9	5.7	12.7	26.3	25.8	24.3	18.2	17.1	13.8	20.9	−2.0	−5.1	−3.5	−2.4	−3.6	−3.2	−3.3
7	1.5	999.4	999.5	997.2	995.7	998.0	998.6	9.6	7.5	7.5	5.2	3.7	6.0	6.6	−3.4	−8.1	−1.9	−1.6	−1.1	1.9	−2.4
8	1.2	3.2	4.8	4.1	5.7	9.6	4.8	9.1	11.3	12.9	12.1	13.8	17.9	12.9	−0.3	−2.3	−1.5	−0.1	−4.2	−10.0	−3.1
9	11.2	12.7	14.9	14.6	16.9	17.5	14.6	19.5	21.1	23.1	22.8	25.3	25.8	22.9	−9.7	−9.7	−3.7	−2.7	−7.4	−6.6	−6.6
10	16.9	14.7	12.3	9.0	7.7	6.9	11.3	25.2	23.2	20.3	17.1	15.8	14.9	19.4	−7.3	−11.5	−1.3	−0.8	−1.9	−1.5	−4.0
11	3.7	3.5	2.5	999.8	1.1	2.7	2.2	11.7	11.6	10.5	7.7	9.2	10.9	10.3	−2.1	−1.8	0.7	0.0	−3.5	−7.5	−2.4
12	4.5	7.3	9.5	9.6	13.4	14.4	9.8	12.7	15.4	17.6	17.7	21.6	22.0	17.8	−7.3	−7.5	−5.7	−5.0	−6.2	−7.0	−6.4
13	15.7	16.8	19.8	17.6	19.0	18.7	17.9	24.0	25.2	28.0	25.8	27.3	27.0	26.2	−7.9	−9.7	−4.3	−1.9	−7.7	−7.5	−6.5
14	15.8	12.6	10.4	5.1	0.8	992.9	6.3	24.1	21.0	18.5	13.1	8.8	0.8	14.4	−8.7	−9.2	−6.6	−2.8	−2.3	−1.3	−5.1
15	987.9	988.1	991.4	993.7	997.4	999.1	992.9	995.8	995.9	999.2	1.6	5.4	7.1	0.8	0.5	1.8	1.5	0.7	−1.9	−1.7	0.2
16	0.4	1.3	3.0	2.0	4.7	5.6	2.8	8.5	9.4	11.0	10.0	12.7	13.7	10.9	−2.8	−3.2	−0.6	−0.6	−2.3	−3.9	−2.2
17	7.0	8.2	7.7	4.3	2.6	999.7	4.9	15.1	16.3	15.8	12.3	10.6	7.7	13.0	−4.7	−4.4	−2.1	0.5	−1.8	−2.0	−2.4
18	997.6	0.2	3.4	2.9	5.1	7.2	2.7	5.7	8.3	11.5	11.0	13.3	15.4	10.9	−4.0	−4.8	−3.5	−5.0	−6.7	−5.5	−4.9
19	9.0	9.6	10.7	8.4	7.3	8.7	9.0	17.1	17.7	18.9	16.4	15.2	16.7	17.0	−5.0	−5.7	−3.4	−0.5	−0.1	−1.3	−2.7
20	7.0	6.1	5.7	4.3	8.3	9.6	6.8	15.0	14.2	13.6	12.1	16.3	17.6	14.8	−2.0	−2.2	0.9	1.8	0.7	−1.5	−0.4
21	9.7	9.4	8.6	3.5	0.1	998.5	5.0	17.9	17.6	16.7	11.5	8.1	6.4	13.0	−6.9	−7.1	−1.8	−1.1	−1.0	0.7	−2.9
22	998.6	1.3	5.8	6.6	8.2	8.7	4.9	6.6	9.3	13.8	14.7	16.3	16.8	12.9	0.7	−0.1	2.0	0.1	−1.5	−0.9	0.1
23	7.3	8.0	9.8	8.4	11.7	14.6	10.0	15.4	16.1	17.7	16.3	19.8	22.7	18.0	−1.5	−2.5	0.5	2.5	−1.0	−2.1	−0.7
24	15.8	16.9	16.9	12.8	10.1	4.9	12.9	23.9	25.2	25.2	20.8	18.1	12.9	21.0	−4.0	−10.0	−5.5	2.1	−0.7	0.0	−3.0
25	997.9	992.8	990.5	987.8	993.5	998.5	993.5	5.8	0.7	998.4	995.5	1.4	6.5	1.4	−0.3	0.0	1.0	3.6	0.3	−3.9	0.1
26	1.4	4.3	5.1	6.6	10.7	13.0	6.9	9.6	12.5	13.3	14.8	18.9	21.2	15.1	−7.2	−7.7	−5.9	−4.1	−4.9	−5.8	−5.9
27	15.0	17.1	19.5	18.1	20.3	21.0	18.5	23.3	25.3	27.7	26.3	28.5	29.2	26.7	−5.8	−4.3	−2.3	−1.1	−1.5	−2.0	−2.8
28	21.2	20.2	19.5	15.3	14.0	13.2	17.2	29.5	28.4	27.7	23.4	22.1	21.3	25.4	−5.1	−4.6	−2.3	−0.4	−2.7	−4.4	−3.2
29	12.0	11.5	12.4	9.3	8.6	6.9	10.1	20.3	19.8	20.4	17.1	16.6	14.9	18.2	−6.7	−7.5	1.5	6.0	1.7	−0.5	−0.9
30	5.9	7.7	7.8	6.4	10.7	14.9	8.9	14.0	15.7	15.7	14.2	18.8	23.0	16.9	0.0	0.0	3.8	3.8	−1.3	−3.4	0.5
31	15.7	17.2	19.3	17.9	19.8	21.2	18.5	23.9	25.3	27.4	26.1	28.0	29.5	26.7	−4.1	−3.7	−2.6	−1.8	−3.3	−4.7	−3.4
Mean	8.0	8.5	9.4	7.6	8.7	9.1	8.6	16.2	16.7	17.5	15.6	16.8	17.2	16.6	−3.4	−4.2	−1.3	0.0	−2.0	−2.7	−2.3

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	4.4	0.4	2.4	4.0	E	1.1	NNW	2.0	NNE	3.2	NW	5.4	NNE	2.2	WNW	5.9	3.3	3.3
2	1.9	−0.8	0.6	2.7	NNW	4.4	NNW	5.5	NW	3.2	NW	5.5	NW	2.6	SE	1.1	3.7	3.7
3	1.8	−1.7	0.1	3.5	NW	1.5	NNW	4.0	NW	3.8	NNW	7.4	WNW	3.8	NW	3.4	4.0	3.3
4	3.0	−1.8	0.6	4.8	NW	4.0	NNW	5.2	SE	2.6	SE	6.7	SE	3.6	SSE	5.0	4.5	3.9
5	2.6	−1.5	0.6	4.1	S	2.4	NNE	3.6	NNW	3.6	NNW	3.2	NW	4.4	NW	5.7	3.8	4.9
6	−1.5	−5.5	−3.5	4.0	N	2.0	WNW	2.6	SSW	3.6	NW	2.6	NNW	3.0	NNW	6.1	3.3	3.5
7	1.9	−9.3	−3.7	11.2	—	0.4	WNW	2.8	WSW	2.4	WSW	0.9	SE	2.6	WNW	7.1	2.7	2.7
8	0.6	−11.8	−5.6	12.4	NNW	6.1	NNW	6.5	W	5.7	NNW	4.0	NW	5.0	—	0.4	4.6	3.8
9	−1.3	−13.5	−7.4	12.2	NE	2.4	—	0.0	W	0.9	WNW	5.0	WNW	2.2	SSW	0.7	1.9	1.9
10	2.4	−12.6	−5.1	15.0	E	0.7	E	3.4	SSW	1.7	S	2.8	NE	2.0	NW	1.3	2.0	1.8
11	1.1	−8.2	−3.5	9.3	SW	2.8	—	0.0	NW	5.7	WNW	5.7	WNW	4.6	W	3.8	3.8	4.3
12	−4.8	−8.9	−6.8	4.1	WNW	7.4	NNW	3.6	WNW	7.1	WNW	6.5	NNW	3.0	E	1.5	4.9	4.4
13	−1.5	−10.3	−5.9	8.8	—	0.0	—	0.0	SSE	2.4	—	0.0	—	0.0	—	0.0	0.4	0.5
14	0.1	−9.5	−4.7	9.6	—	0.4	—	0.0	—	0.0	—	0.0	—	0.0	NW	4.0	0.7	0.8
15	2.3	−3.1	−0.4	5.4	NW	4.4	NW	1.5	NW	5.5	WNW	8.4	NE	3.2	W	3.6	4.4	5.2
16	0.4	−4.5	−2.0	4.9	NW	4.8	SE	2.2	SW	0.9	N	2.8	NNE	2.0	S	2.0	2.5	2.7
17	0.7	−5.4	−2.3	6.1	SSW	0.7	—	0.0	NNW	2.6	WNW	1.1	SSW	1.1	ENE	0.9	1.1	1.4
18	−2.5	−6.9	−4.7	4.4	NNW	6.1	NNW	7.1	NNW	3.6	WNW	5.2	NNW	4.8	E	2.6	4.9	5.3
19	0.2	−5.8	2.8	6.0	N	4.6	S	1.5	SE	3.2	SSE	6.1	SE	1.3	—	0.0	2.8	2.6
20	2.8	−4.5	0.9	7.3	—	0.2	—	0.0	NNW	1.3	NE	2.0	WNW	5.0	NW	5.0	2.3	1.7
21	0.8	−7.3	−3.2	8.1	SE	1.7	SSE	1.5	—	0.0	—	0.0	—	0.0	SSE	6.5	1.6	1.5
22	2.1	−2.8	−0.3	4.9	SSE	4.0	—	0.2	W	2.2	—	0.0	—	0.0	SSE	3.2	1.6	1.8
23	3.7	−4.1	−0.2	7.8	NW	2.4	NNE	1.1	—	0.4	NNW	1.3	WNW	2.2	NNE	3.2	1.8	1.7
24	2.1	−12.0	−4.9	14.1	NNW	4.6	ENE	2.4	—	0.0	S	3.8	—	0.0	SE	4.0	2.5	1.8
25	4.3	−5.6	−0.6	9.9	—	0.0	—	0.4	NNE	1.1	WNW	1.3	W	11.8	W	5.4	3.3	4.0
26	−4.0	−7.8	−5.9	3.8	W	10.7	W	10.1	W	11.7	WNW	5.7	N	5.2	W	6.9	8.4	8.3
27	−0.7	−7.0	−3.8	6.3	NW	2.4	WNW	2.2	NNW	5.7	NNW	8.9	N	5.2	S	1.5	4.3	5.4
28	0.4	−5.7	−2.6	6.1	SSW	2.8	WNW	2.0	—	0.0	NNW	1.7	—	0.0	—	0.2	1.1	1.0
29	7.1	−7.5	−0.2	14.6	W	2.0	W	0.9	WNW	1.5	N	1.3	WSW	2.0	NW	1.3	1.5	1.5
30	4.8	−4.0	0.4	8.8	WNW	2.2	SE	1.3	E	2.2	NNE	1.3	W	10.3	W	3.0	3.4	3.8
31	−1.3	−7.2	−4.2	5.9	NW	5.0	NW	6.5	NW	3.0	NW	5.2	NW	4.0	NNW	4.4	4.7	4.6
Mean	1.1	−6.3	−2.6	7.4		3.0		2.6		2.9		3.6		3.1		3.2	3.1	3.1

JANUARY, 1952.

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	6.3	6.3	6.6	5.4	5.9	4.4	5.8	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	sc,st	—	—	st,sc	—	—	ns	—	—	ns
2	4.0	4.6	4.6	5.3	5.0	4.9	4.7	9	10	10	10	10	10	9.8	—	—	st	—	—	ns	—	—	st	—	—	sc,st	—	—	sc	—	—	st
3	5.4	5.9	5.5	4.5	4.6	4.5	4.9	10	10	10	6	1	3	6.7	—	—	ns	—	—	ns	—	—	ns	—	acsc,cu		—	—	sc	—	—	sc
4	4.1	4.2	4.6	5.0	5.2	5.1	4.7	10	10	8	10	10	10	9.7	—	—	sc	—	—	sc	—	—	sc	cs	—	—	—	as	—	—	as	—
5	6.2	5.3	5.5	4.5	4.2	4.0	5.0	8	3	10	8	7	10	7.7	—	—	sc	—	—	sc	—	—	ns	—	—	sc	—	—	sc	—	—	sc
6	3.6	3.4	3.3	3.5	4.5	4.6	3.8	8	2	10	10	10	10	8.3	—	—	sc	cs	—	—	cs	—	sc	—	as	—	—	—	ns	—	—	ns
7	4.6	3.1	4.5	5.1	5.4	5.2	4.7	10	2	10	10	10	10	8.7	—	—	sc	—	—	sc	—	as	—	—	—	ns	—	—	ns	—	—	ns
8	4.4	3.5	4.0	3.8	3.1	2.5	3.6	6	0	10	10	0	3	4.8	—	—	sc	—	—	sc	cs	as	sc	—	—	sc	—	—	sc	—	—	sc
9	2.7	2.7	3.7	3.3	2.7	3.1	3.0	0	9	9	8	6	10	7.0	—	—	sc	—	—	st	—	—	ns,sc	—	—	ns,sc	—	—	sc	—	—	sc
10	3.1	2.3	3.9	4.9	5.0	5.2	4.1	7	6	10	10	10	10	8.8	—	—	sc	—	ac	sc	—	as	—	—	—	ns	—	—	ns	—	—	st
11	5.1	5.3	4.8	4.0	3.1	2.9	4.2	10	10	10	10	10	4	9.0	—	—	ns	—	—	st	—	as	st	cs	—	st,sc	—	—	sc	—	—	st,sc
12	3.1	2.1	2.4	2.8	3.0	3.4	2.8	10	9	4	5	8	10	7.7	—	—	ns	—	—	st	—	—	sc	—	—	sc	—	—	ns,sc	—	—	ns
13	3.1	2.7	3.9	4.5	3.2	3.2	3.4	10	8	10	10	5	10	8.8	—	—	ns	—	—	sc	—	—	ns	—	—	ns	—	—	≡	—	—	≡
14	2.9	2.8	3.5	4.7	5.1	5.5	4.1	10	10	10	10	10	10	10.0	—	—	≡	—	—	≡	—	—	st	—	—	st	—	—	ns	—	—	ns
15	5.9	5.7	4.4	4.1	4.4	4.9	4.9	10	10	8	6	10	10	9.0	—	—	ns	—	—	sc	—	—	sc	—	—	sc	—	—	ns	—	—	ns
16	4.6	4.7	5.3	5.1	4.2	4.3	4.7	10	10	10	10	7	10	9.5	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	sc	—	—	ns
17	4.1	4.2	4.5	4.3	5.0	5.2	4.6	10	10	10	10	10	10	10.0	—	—	ns	—	—	st	—	ac	—	—	as	—	—	—	ns	—	—	ns
18	4.3	4.0	4.2	3.4	3.3	3.3	3.8	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
19	3.3	3.8	4.3	5.1	5.3	5.5	4.6	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
20	5.2	5.0	6.1	6.1	3.9	3.4	5.0	10	10	10	10	9	0	8.2	—	—	ns	—	—	ns	—	—	ns	—	—	st	—	—	sc	—	—	—
21	2.9	3.0	4.0	5.4	5.6	6.3	4.5	5	9	10	10	10	10	9.0	—	—	sc	—	—	sc	—	—	sc	—	—	ns	—	—	ns	—	—	ns
22	6.2	6.0	6.1	5.6	5.4	5.6	5.8	10	10	10	10	8	10	9.7	—	—	ns	—	—	≡	—	ac	st,sc	—	—	ns,sc	—	—	ns	—	—	ns
23	5.4	5.0	5.4	4.3	5.3	3.7	4.9	10	10	2	2	3	0	4.5	—	—	ns	—	—	ns	—	—	sc	—	—	sc,cu	—	—	ns	—	—	—
24	3.1	2.4	3.1	3.9	4.3	5.6	3.7	0	0	9	10	10	10	6.5	—	—	—	—	—	sc	—	ac	—	—	as	—	—	—	sc	—	—	ns
25	5.9	6.0	6.2	6.0	5.4	4.4	5.7	10	10	10	10	1	10	8.5	—	—	ns	—	—	ns	—	—	ns	ci	ac	sc,st	—	—	st	—	—	ns
26	2.9	2.9	3.4	3.4	3.5	2.9	3.2	10	10	10	8	10	0	8.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns,sc	—	—	ns	—	—	—
27	2.6	3.1	3.9	4.1	4.2	4.8	3.8	0	9	8	10	10	10	7.8	—	—	—	—	—	st	—	—	ns,sc	—	—	ns,sc	—	—	ns	—	—	ns
28	3.8	4.1	4.3	4.5	4.0	4.0	4.1	10	10	10	10	2	10	8.7	—	—	sc	—	—	sc	—	as	—	—	ac,as	sc	—	as	—	—	as	—
29	3.5	3.2	5.1	6.2	6.2	5.5	5.0	0	3	9	10	10	1	5.5	—	—	—	—	—	sc,≡	—	—	sc	—	as	sc	—	—	st	—	—	sc
30	5.7	5.8	6.7	6.1	4.7	4.0	5.5	10	9	8	8	5	10	8.3	—	—	ns	—	—	ns	—	—	sc	cs	—	sc	—	—	sc	—	—	ns
31	3.7	3.3	3.5	3.3	3.4	3.2	3.4	10	10	10	10	10	1	8.5	—	—	ns	—	—	sc	cs	—	st	cs	—	st	cs	—	—	cs	—	—
Mean	4.2	4.0	4.6	4.6	4.5	4.4	4.4	8.2	8.0	9.2	9.1	7.8	7.8	8.3																		

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	1.4	129	(3.0)	1.3	98	100	81	70	84	69	84	0.2	1.0	0.3	—	0.0	0.1	1.6	●	●,⚹,⊟,⊠
2	0.9	140	(1.9)	1.0	66	75	69	78	79	85	75	—	0.0	0.0	0.0	—	—	0.0	⊟,◊,⚹,⊠	⚹,◊,⊟
3	2.8	63	3.2	1.5	95	88	95	68	80	76	84	0.1	0.0	1.0	0.0	—	—	1.1	⊟,⚹,⊠	◊,⊟,⊠
4	4.5	153	3.7	0.9	68	69	68	68	75	71	70	—	—	—	—	—	—	—	⊟,⊠	◊,∽
5	0.7	34	(2.4)	1.5	90	84	84	66	68	70	77	—	0.0	0.0	0.1	—	—	0.1	⊟,⚹	⊟,⚹
6	—	49	(1.2)	0.8	68	82	70	69	97	95	80	—	—	—	—	1.8	5.2	7.0	⊟	∽,⚹,⊟,⊠
7	1.9	136	(1.5)	0.9	97	92	85	95	95	74	90	0.2	—	—	2.2	0.1	1.1	3.6	⊟,⚹,⊠	⚹,⊟,⊠,◤
8	2.3	148	(2.0)	0.8	73	67	73	62	69	88	72	0.9	—	—	—	—	—	0.9	⊟,⚹,◊,⊠	◊,⊟,⊠
9	2.5	134	(1.9)	1.1	90	91	80	66	78	84	82	—	—	0.1	0.0	0.0	0.0	0.1	⊟,⚹,⊠	⚹,⊟,⊠
10	2.4	110	(0.7)	0.8	88	89	70	85	94	95	87	0.0	—	—	0.0	2.3	0.4	2.7	⊟,⚹,⊠	⚹,⊟,⊠
11	0.6	115	(2.0)	1.2	98	98	74	65	67	83	81	0.2	0.0	—	—	—	—	0.2	⊟,⚹,⊠,⊠	⚹,⊠,◤,⊟
12	6.1	188	(2.3)	1.3	88	61	59	67	78	93	74	0.0	0.0	0.1	—	0.0	1.1	1.2	⊟,◊,⚹,↠,☩,	◊,⚹,⊠,⊠,⊟
13	—	79	(1.4)	0.7	93	96	88	85	93	93	91	0.5	0.0	0.2	0.2	0.0	—	0.9	⊟,⚹,⊠,⊠	⚹,≡,ᒪ,⊟,⊠
14	—	76	(0.0)	0.4	92	92	94	95	98	99	95	—	—	—	—	1.4	5.8	7.2	⊟,ᒪ,≡,=,⊠	=,⚹,⊠,⊠,⊟
15	5.5	188	(0.8)	1.0	93	82	64	64	83	91	80	8.5	0.7	—	—	0.2	2.6	12.0	⊟,⚹,◊,⊠	◊,⚹,⊟,⊠
16	2.3	143	(1.8)	0.7	93	97	90	87	80	94	90	0.1	0.9	1.0	0.0	0.0	0.1	2.1	⊟,⚹,⊠	⚹,⊟,⊠,⊠
17	1.6	174	(0.0)	0.6	96	96	86	67	93	98	89	0.0	0.0	—	—	0.2	5.9	6.1	⊟,⚹,⊠	⚹,⊟,⊠,⊠
18	3.2	202	(0.9)	1.1	94	93	89	80	89	81	88	7.7	1.6	0.3	0.1	0.0	0.2	9.9	⊟,⚹,↠,⊠,◤	⚹,⊟,⊠
19	—	120	(1.3)	0.6	78	95	91	87	88	99	90	0.0	0.3	0.6	0.1	0.0	0.4	1.4	⊟,⚹,⊠	⊟,⊠
20	0.8	139	(2.1)	1.1	98	96	93	88	60	62	83	0.4	0.3	0.8	0.3	0.0	—	1.8	⊟,≡,⚹,⊠	⚹,⊟,⊠
21	0.5	138	(0.8)	0.3	79	84	74	95	99	98	88	—	—	—	0.5	2.4	3.4	6.3	⊟,∽,⊠	⚹,●,⊟,⊠
22	1.1	220	(0.0)	0.4	96	98	87	91	99	97	95	1.5	2.3	—	0.6	0.4	1.3	6.1	⊟,⚹,●,≡,⊠,	⚹,⊟,⊠
23	6.7	251	2.4	1.1	99	98	86	59	93	71	84	2.8	1.3	0.5	—	0.0	0.0	4.6	⊟,⚹,⊠ ⌊⊠	◊,⚹,⊟,⊠
24	3.3	167	(1.2)	0.4	69	85	77	55	74	91	75	—	—	—	—	—	0.0	0.0	⊟,∽,⊠	⚹,⊠,⊟ ⌈◤
25	2.1	208	(2.1)	1.1	98	98	95	76	86	96	92	0.3	2.0	0.2	0.0	0.0	2.0	4.5	⊟,⚹,●,⊠,⊠	⚹,↠,☩,⊟,⊠,
26	5.1	235	(1.7)	0.7	81	85	85	75	82	74	80	0.4	0.5	1.4	0.2	0.0	0.3	2.8	⊟,↠,⚹,☩,⊠,	⚹,↠,⊠,⊟,⊠,
27	3.8	238	(2.4)	1.3	65	70	75	73	76	90	75	—	—	0.0	0.0	0.1	0.0	0.1	⊟,⚹,⊠ ⌊◤	⚹,⊟,⊠ ⌊◤
28	0.2	108	2.0	0.8	91	94	84	76	80	91	86	0.0	—	—	—	—	—	0.0	⊟,⚹,⊠	⊟,⊠
29	1.7	150	(1.4)	0.5	94	93	75	66	90	94	85	—	—	—	—	—	—	—	⊟,ᒪ,∽,≡,⊠	⊟,⊠
30	2.2	168	(2.7)	1.7	93	95	83	76	84	84	86	0.0	0.1	0.4	—	0.0	0.0	0.5	⊟,●,⊠	●,⚹,⊠,⊟,⊠
31	3.9	181	2.6	1.4	81	72	70	61	71	74	72	0.2	0.0	0.0	—	—	—	0.2	⊟,⚹,⊠	◊,Ⓤ,⊟,⊠
	69.9	4586	53.4	29.0	87	88	80	75	83	86	82	24.0	11.0	6.9	4.3	8.9	29.9	85.0		

FEBRUARY, 1952.

Day	STATION PRESSURE (1000mb+)							M.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	20.3	20.6	19.5	15.5	15.1	12.7	17.3	28.7	29.0	27.7	23.8	23.3	20.9	25.6	−7.3	−8.3	−4.2	−2.4	−2.3	−4.3	−4.8
2	8.7	4.8	4.6	7.8	10.3	12.6	8.1	16.8	13.0	12.6	16.0	18.5	20.9	16.3	−6.2	−4.3	−0.1	−3.9	−7.1	−6.5	−4.7
3	12.6	13.8	14.7	12.8	14.4	14.2	13.8	20.8	22.0	23.0	21.1	22.6	22.4	22.0	−5.7	−5.9	−4.7	−4.5	−5.5	−5.3	−5.3
4	12.1	10.4	8.8	4.6	4.3	2.8	7.2	20.4	18.7	17.1	12.7	12.5	11.0	15.4	−7.1	−9.0	−6.3	−2.9	−5.2	−5.5	−6.0
5	2.2	2.5	3.3	1.3	5.1	4.9	3.2	10.4	10.7	11.5	9.5	13.4	13.3	11.5	−6.9	−6.7	−6.7	−6.7	−8.5	−10.6	−7.7
6	8.0	11.6	15.1	15.6	19.3	21.1	15.1	16.4	20.1	23.4	23.8	27.5	29.3	23.4	−12.5	−16.7	−2.7	−2.4	−4.7	−5.9	−7.5
7	21.9	22.2	22.1	18.1	17.0	15.1	19.4	30.5	30.8	30.6	26.3	25.2	23.5	27.8	−14.0	−12.5	−7.9	−4.3	−4.8	−8.7	−8.7
8	12.0	10.4	10.2	7.5	7.4	8.1	9.3	20.4	18.7	18.3	15.5	15.5	16.1	17.4	−9.0	−9.0	−4.4	2.1	−3.0	−0.1	−3.9
9	8.0	8.7	9.7	5.2	2.0	0.7	5.7	16.0	16.8	17.6	13.0	9.9	8.6	13.7	−1.1	−1.9	1.3	4.0	2.2	1.5	1.0
10	1.7	1.2	3.0	2.6	3.5	3.4	2.6	9.7	9.3	11.0	10.6	11.8	11.6	10.7	−0.1	−1.9	−0.8	−2.1	−5.9	−6.4	−2.9
11	4.6	6.2	5.2	4.0	6.2	7.1	5.6	12.8	14.3	13.4	12.1	14.5	15.3	13.7	−5.6	−5.9	−5.2	−3.0	−5.0	−6.0	−5.1
12	6.4	6.5	7.9	7.0	6.9	6.6	6.9	14.6	14.7	16.0	15.1	15.1	14.8	15.1	−6.9	−5.8	−4.2	−3.1	−4.1	−3.6	−4.6
13	6.0	4.9	5.3	3.7	7.1	8.3	5.9	14.1	13.2	13.4	11.7	15.3	16.5	14.0	−4.3	−7.5	−1.9	−0.6	−3.6	−5.3	−3.9
14	8.2	8.3	10.5	9.8	10.4	10.6	9.6	16.3	16.4	18.5	17.8	18.4	18.7	17.7	−3.3	−3.2	−1.8	−1.1	−2.7	−2.7	−2.5
15	10.4	11.8	13.3	10.6	11.3	10.2	11.3	18.4	19.9	21.3	18.6	19.4	18.2	19.3	−2.7	−2.8	−1.1	−0.2	−2.6	−3.3	−2.1
16	8.8	7.7	7.3	4.4	4.4	3.7	6.1	17.0	15.8	15.3	12.4	12.5	11.8	14.1	−4.1	−5.4	−1.8	0.5	−2.5	−2.0	−2.5
17	3.4	5.3	6.0	5.1	6.0	6.6	5.4	11.6	13.5	14.1	13.1	14.1	14.9	13.6	−6.8	−6.7	−2.0	0.2	−4.5	−6.4	−4.4
18	8.4	9.0	9.1	7.3	7.6	8.4	8.3	16.7	17.2	17.2	15.3	15.8	16.6	16.5	−8.5	−8.2	−4.4	−1.1	−4.1	−5.2	−5.2
19	7.3	7.2	6.7	4.3	6.2	7.9	6.6	15.7	15.6	14.8	12.3	14.4	16.2	14.8	−11.6	−11.1	−3.4	0.1	−3.5	−8.5	−6.3
20	8.3	9.4	10.4	11.5	12.2	12.6	10.7	16.7	17.7	18.4	19.5	20.4	20.8	18.9	−12.0	−11.7	−1.8	1.0	−3.5	−4.3	−5.4
21	12.3	10.1	12.0	13.9	16.5	17.6	13.7	20.5	18.2	20.0	21.9	24.7	25.8	21.9	−3.2	−3.2	0.4	−0.7	−3.1	−4.3	−2.3
22	16.4	16.6	17.1	14.4	13.0	11.1	14.8	24.7	24.8	25.2	22.3	21.2	19.3	22.9	−5.9	−5.5	−1.8	0.0	−4.4	−3.3	−3.5
23	10.2	11.1	12.5	12.7	16.4	17.6	13.4	18.3	19.3	20.6	20.8	24.7	25.9	21.6	−4.5	−4.5	−2.3	−3.0	−5.7	−6.5	−4.4
24	18.1	19.6	21.4	20.7	22.5	23.1	20.9	26.6	27.9	29.6	28.9	30.8	31.4	29.2	−10.0	−5.8	−3.3	−2.5	−4.4	−4.7	−5.1
25	23.9	24.4	25.0	22.8	23.3	22.2	23.6	32.1	32.8	33.1	31.0	31.5	30.5	31.8	−4.4	−8.1	−0.6	−1.1	−3.0	−4.0	−3.5
26	18.1	15.1	11.4	9.7	11.8	12.6	13.1	26.4	23.4	19.5	17.7	19.9	20.9	21.3	−4.2	−4.9	−3.6	−2.2	−2.7	−8.5	−4.3
27	12.3	11.7	11.9	11.9	13.2	14.2	12.5	20.7	19.9	20.1	20.0	21.3	22.2	20.7	−10.5	−8.5	−4.8	−0.4	−3.0	−1.1	−4.7
28	14.9	15.0	15.8	14.3	16.2	15.5	15.3	23.1	23.2	23.8	22.3	24.4	23.7	23.4	−5.0	−5.3	0.7	1.2	−2.1	−3.1	−2.3
29	14.9	13.8	13.1	12.1	12.5	13.7	13.4	23.1	22.0	21.2	20.1	20.7	21.8	21.5	−5.0	−7.5	−0.9	0.9	−2.5	−6.5	−3.6
Mean	11.0	11.0	11.5	10.0	11.1	11.2	11.0	19.3	19.3	19.6	18.1	19.3	19.4	19.2	−6.5	−6.8	−2.8	−1.3	−3.9	−4.9	−4.3

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	−2.1	−8.8	−5.4	6.7	N	2.0	NW	2.2	WNW	1.3	ENE	1.7	S	3.4	S	3.2	2.3	1.8
2	−0.1	−7.6	−3.8	7.5	W	1.3	SSE	2.0	W	10.1	WNW	5.5	W	12.2	WNW	6.5	6.3	6.6
3	−3.8	−6.7	−5.2	2.9	NNW	3.9	NNW	5.9	NW	5.9	NW	7.3	NNW	4.6	N	3.2	5.1	4.5
4	−2.8	−9.8	−6.3	7.0	SW	0.9	—	0.0	—	0.2	NNW	4.6	WNW	4.2	NNW	5.9	2.6	2.7
5	−5.9	−11.8	−8.8	5.9	N	2.0	WNW	4.0	W	7.6	W	9.3	NW	8.4	E	1.3	5.4	4.5
6	−1.2	−17.8	−9.5	16.6	NW	2.0	W	1.5	WNW	11.7	WNW	8.5	NNE	2.6	NW	4.2	5.1	4.4
7	−2.7	−14.2	−8.4	11.5	WSW	2.0	SE	1.3	—	0.2	—	0.0	—	0.0	—	0.4	0.7	0.6
8	3.8	−10.0	−3.1	13.8	NNW	0.9	NNW	0.9	W	1.3	W	1.1	—	0.4	SSE	2.0	1.1	1.4
9	5.7	−2.9	1.4	8.6	S	1.1	—	0.4	NNE	1.7	SE	2.2	SSE	7.4	S	5.0	3.0	2.8
10	5.5	−7.6	−1.0	13.1	WNW	6.7	N	0.9	WNW	4.8	WNW	5.0	W	4.8	ESE	0.7	3.8	3.9
11	−2.6	−7.3	−4.9	4.7	W	3.4	W	7.3	ESE	4.0	WNW	1.3	W	2.2	NE	1.3	3.3	3.5
12	−1.5	−7.4	−4.4	5.9	NW	0.9	NW	2.2	NE	2.6	NNW	6.1	NE	6.3	NE	6.3	4.1	4.1
13	−0.4	−8.5	−4.4	8.1	NNW	1.7	—	0.4	NNW	1.3	NNW	9.3	NW	5.9	—	0.4	3.2	4.1
14	−0.8	−3.9	−2.3	3.1	NE	7.1	NE	4.6	NNE	4.4	NNW	3.0	NE	5.7	WNW	11.3	6.0	6.0
15	0.4	−3.6	−1.6	4.0	NW	3.6	NNE	0.7	NNW	3.6	NW	3.8	W	4.4	NW	1.1	2.9	3.3
16	0.7	−5.5	−2.4	6.2	—	0.4	W	1.1	N	0.7	—	0.4	W	3.8	SSW	3.4	1.6	1.5
17	0.2	−9.4	−4.6	9.6	E	2.0	WNW	0.7	ESE	2.6	W	4.2	NE	1.7	WSW	1.1	2.1	3.0
18	0.8	−9.6	−4.4	10.4	WSW	1.7	W	0.7	N	1.3	NNW	1.7	W	2.4	NE	1.1	1.5	1.3
19	1.7	−12.7	−5.5	14.4	NW	0.9	W	0.7	S	0.9	NW	0.9	WNW	1.3	N	2.6	1.2	1.4
20	1.1	−12.4	−5.6	13.5	—	0.0	WNW	1.7	E	1.5	W	0.7	—	0.4	—	0.2	0.8	1.4
21	1.4	−6.8	−2.7	8.2	SSW	2.0	SSW	1.3	WSW	8.7	NW	7.3	NNW	5.2	NNW	2.2	4.5	3.2
22	0.8	−6.5	−2.8	7.3	NNE	1.3	—	0.2	SE	1.1	N	4.2	—	0.4	E	2.8	1.7	1.9
23	−0.5	−7.9	−4.2	7.4	NW	5.0	NNW	6.7	NNW	3.0	W	10.1	NW	6.7	NW	5.2	6.1	5.7
24	−1.7	−10.1	−5.9	8.4	—	0.0	N	2.2	ENE	2.0	NW	6.5	NE	2.8	NNW	2.0	2.6	2.2
25	0.8	−8.9	−4.0	9.7	—	0.0	E	0.7	E	0.9	NW	5.4	W	1.5	—	0.0	1.4	1.7
26	−2.0	−8.9	−5.4	6.9	W	0.9	NW	2.6	NW	2.4	NW	4.6	NNW	4.6	W	2.8	3.0	3.4
27	0.8	−11.6	−5.4	12.4	—	0.5	NE	0.9	—	0.0	WSW	2.2	NW	0.9	N	2.8	1.2	1.7
28	2.5	−7.2	−2.3	9.7	SE	2.6	SSE	1.7	—	0.4	WNW	7.4	NNE	3.8	N	4.4	3.4	3.4
29	1.8	−7.7	−2.9	9.5	—	0.2	NNW	2.2	—	0.4	NW	4.2	NNW	1.7	ESE	1.7	1.7	2.1
Mean	0.0	−8.7	−4.4	8.7		2.0		2.0		3.0		4.4		3.8		2.9	3.0	3.0

FEBRUARY, 1952.

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	2.8	2.7	2.8	3.2	3.6	3.7	3.1	10	10	10	10	10	10	10.0	cs	—	—	—	as	—	—	as	—	—	as	—	—	as	—	—	—	sc
2	3.6	4.3	5.7	4.0	3.3	2.7	3.9	10	10	10	10	6	3	8.2	—	—	st	—	—ns,sc		—	—	ns	—	—	ns	—	—	sc	—	—	sc
3	2.5	2.8	3.1	3.3	2.9	2.9	2.9	8	10	10	10	1	9	8.0	—	—	sc	—	—	ns	—	—	ns	—	—	ns	—	—	st	—	—	sc
4	3.2	2.8	3.1	3.1	2.9	2.8	3.0	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	as	—	—	as	—	—	as	—	cs	—	sc
5	3.1	2.3	2.6	3.5	2.6	2.4	2.8	10	10	6	10	10	10	9.3	—	—	ns	—	—ns,sc		—	—	sc	—	—	ns	—	—	ns	—	—	ns
6	2.1	1.4	3.8	3.5	2.3	3.0	2.8	6	4	1	3	0	7	3.5	—	—	sc	—	—	sc	—	—	sc	—	—sc,st		—	—	st	cs	—	—
7	1.8	2.1	2.5	3.1	3.4	2.9	2.6	10	10	10	10	10	10	10.0	cs	—	—	cs	—	—	—	as	st	—	—	st	—	as	—	cs	—	—
8	2.8	2.8	3.2	4.5	3.6	5.1	3.7	10	8	7	7	7	10	8.2	cc	—	—	—	ac	—	—	ac	—	—	ac	sc	—	—	sc	—	—	sc
9	5.6	5.1	5.8	4.9	4.7	4.9	5.2	10	10	10	7	0	6	7.2	—	as	—	—	—	ns	—	—	ns	ci,cs	—	sc	cs	—	—	—	ac	—
10	4.4	4.6	3.5	3.6	3.3	3.5	3.8	10	10	10	10	0	10	8.3	—	—	sc	—	—	ns	—	—	sc	—	—sc,st		—	—	sc	—	—	ns
11	3.7	3.3	3.8	4.4	3.5	3.6	3.7	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
12	2.9	3.3	3.8	3.3	3.0	3.2	3.3	6	10	10	6	2	3	6.2	—	—	sc	—	—	sc	—	—	ns	—	—sc,st		—	—	st	—	—	sc
13	3.2	2.9	4.0	4.1	3.7	3.1	3.5	2	7	10	7	3	7	6.0	—	—	sc	cs	—	sc	—	—	ns	—	—	sc	—	—	sc	—	—	sc
14	3.1	3.5	3.7	3.4	3.5	3.5	3.5	10	7	9	8	4	2	6.7	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
15	3.7	3.2	3.5	3.7	3.3	3.5	3.5	6	6	7	10	3	10	7.0	—	—	sc	—	—	sc	ci,cc	—	sc,st	cs,cc	—	—	cs	—	—	—	—	sc
16	3.8	3.5	4.0	4.4	3.6	4.0	3.9	10	10	10	10	4	8	8.7	cs	as	sc	—	as	—	—	as	—	—	as	—	—	—	sc	—	—	sc
17	2.9	2.9	3.1	4.1	3.6	3.5	3.4	1	9	4	4	3	10	5.2	—	—	sc	cs	—	sc	—	ac	sc	—	—sc,st		—	—	sc	cs	—	sc
18	3.0	3.0	3.6	3.4	4.1	3.9	3.5	9	8	7	9	8	3	7.3	—	—	sc	—	—	sc	cs	as	—	—	—	sc	—	—	sc	—	—	sc
19	2.3	2.4	3.4	3.4	3.1	2.7	2.9	0	7	10	10	0	0	4.5	—	—	—	—	ac	sc	cs	—	sc	cs	—	sc	—	—	sc	—	—	—
20	2.1	2.2	3.8	3.6	3.8	3.7	3.2	1	1	8	7	3	10	5.0	—	—	sc	—	—	sc	—	—sc,cu		—	—	sc	—	—	sc	—	as	—
21	4.6	4.6	5.3	4.1	4.5	3.5	4.4	10	10	10	9	10	2	8.5	—	—	ns	—	—	ns	—	—	ns	—	—st,sc		—	—	ns	—	—	st
22	3.7	3.9	4.3	3.5	3.3	4.1	3.8	10	10	10	10	4	9	8.8	—	—	ns	—	—	ns	cs	—	sc	cs	—	sc	—	—	sc	—	—	sc
23	4.0	3.4	3.2	3.9	2.9	3.2	3.4	10	8	4	9	5	6	7.0	—	—	ns	—	—	sc	cs	—	sc	—	—ns,sc		—	—	sc	cs	—	sc
24	2.5	2.8	3.2	3.5	3.6	3.7	3.2	3	8	8	10	10	10	8.2	cs	—	—	—	—	sc	—	—	ns	—	—ns,sc		—	—	ns	—	—	ns
25	2.9	2.7	3.4	3.3	3.3	3.5	3.2	6	10	8	6	1	10	6.8	—	—	sc	—	as	sc,st	—	—	sc	—	—	sc	—	—	sc	—	—	sc
26	3.9	4.1	4.4	5.0	4.7	3.0	4.2	10	10	10	10	10	0	8.3	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	—
27	2.5	3.0	3.8	4.9	4.3	3.7	3.7	8	10	10	7	1	8	7.3	cs	—	—	—	—	sc	—	—	ns	—	—sc,st		—	—	sc	—	—	sc
28	3.6	3.7	3.9	4.0	3.5	3.4	3.7	10	2	7	4	8	9	6.7	—	—	ns	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
29	3.7	3.2	4.0	3.2	3.3	3.2	3.4	10	9	7	8	2	0	6.0	—	—	ns	—	—	sc	—	ac	sc	—	ac	sc	—	—	sc	—	—	—
Mean	3.2	3.2	3.7	3.8	3.5	3.4	3.6	7.8	8.4	8.4	8.3	5.0	7.0	7.5																		

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	2.1	114	(1.9)	0.6	78	82	62	63	69	83	73	—	—	—	—	—	—	—	⊟,⊠	◊,⊟,⊠
2	2.3	168	(1.6)	0.6	94	96	95	88	91	73	90	—	0.0	1.5	0.3	0.0	—	1.8	⊟,⚹,≈,⌶,⊠,	⚹,≈,⫩,⊟,⊠,
3	3.4	220	2.1	0.9	63	72	72	74	73	71	71	0.0	0.0	0.0	0.0	0.0	—	0.0	⊟,⚹,⊠ [◪	⊟,⊠,⚹ [◪
4	—	111	2.4	1.4	88	92	80	62	69	69	77	0.0	0.0	0.0	—	—	—	0.0	⊟,⚹,⌶,⊠	◊,⊟,⊠
5	2.9	168	(0.0)	1.0	86	60	70	94	82	87	80	0.2	0.4	0.2	1.4	4.6	0.0	6.8	⊟,⚹,⫩,⊠,◪	⚹,≈,⊟,⊠,◪
6	8.4	316	2.5	1.6	89	85	76	69	63	74	76	0.9	—	—	0.0	—	—	0.9	⊟,⚹,⫩,⊠,◪	⚹,◊,⊟,Ⓤ,⊠,
7	0.7	118	2.1	0.8	87	89	75	71	80	92	82	—	—	—	—	—	—	—	⊟,⊠	⊟,Ⓤ,⊠ [◪
8	6.8	231	(2.3)	0.8	89	92	73	63	73	84	79	—	—	—	—	—	0.1	0.1	⊟,ᔕ,⊠	△,⊟,⊠
9	4.9	227	(3.1)	1.5	99	96	86	60	65	72	80	—	0.4	0.2	0.1	—	—	0.7	⊟,⚹,⌶,⊠	◊,⊟,⊠
10	1.8	178	(2.2)	1.2	72	87	60	68	83	92	77	—	0.2	0.1	—	—	0.6	0.9	⊟,⚹,◊,⊠	⚹,⊟,⌶,⊠
11	—	—	(1.3)	0.8	92	83	91	89	82	92	88	2.0	0.3	0.5	1.9	0.1	1.1	5.9	⊟,⚹,⫩,⊠	⚹,⊟,⊠,◪
12	5.5	220	3.1	1.5	79	83	86	67	67	68	75	0.0	—	0.3	0.0	—	—	0.3	⊟,⚹,⊠	⊟,⊠
13	3.5	183	3.2	1.7	71	83	75	69	78	75	75	—	—	0.0	0.0	—	—	0.0	⊟,⚹,⊠	⊟,⊠,◪
14	2.6	96	2.9	1.9	65	73	68	61	70	70	68	—	—	—	0.0	—	—	0.0	⊟,⚹,⊠	⊟,⊠,◪
15	4.9	218	2.4	1.2	74	64	63	62	65	73	67	—	—	—	—	—	—	—	⊟,◊,⊠	◊,⊟,⊠
16	0.2	77	2.7	1.1	84	86	74	69	71	75	77	—	—	—	—	—	—	—	⊟,⊠	⊟,⊠
17	9.4	246	(3.0)	1.4	79	77	59	67	83	92	76	—	—	—	0.1	0.0	0.0	0.1	⊟,◊,⊠	⚹,⊟,⊠,◪
18	4.2	177	2.2	1.0	92	92	81	59	90	93	85	0.0	—	—	—	—	—	0.0	⊟,◊,⊠	◊,ᔕ,⚹,⌶,⊠,
19	5.9	156	3.1	1.5	89	90	71	54	67	84	76	—	—	—	—	—	—	—	⊟,ᒪ,◊,⊠	◊,⊟,⊠ [⊟
20	8.0	195	(2.3)	0.9	87	89	70	55	80	83	77	—	—	—	0.1	—	—	0.1	⊟,⊠	⚹,⊟,⊠
21	5.5	55	(2.3)	0.8	95	95	84	71	93	79	86	0.7	2.7	0.1	0.1	0.0	0.0	3.6	⊟,⚹,≈,⊠	⚹,⊟,⌶,⊠
22	8.0	260	(2.8)	0.9	95	95	79	57	75	85	81	0.8	1.6	0.1	—	—	—	2.5	⊟,⚹,⌶,⊠	◊,⚹,⊟,⊠
23	8.3	269	2.5	1.8	91	76	62	79	72	84	77	2.5	0.0	—	0.0	0.0	0.0	2.5	⊟,⚹,◊,⊠	⚹,≈,⊟,⊠,◪
24	4.3	234	(2.8)	1.3	88	70	67	68	81	87	77	—	—	0.0	0.0	0.0	1.3	1.3	⊟,◊,⚹,⊠	⚹,⊟,⌶,⊠
25	4.6	215	(1.9)	1.2	66	82	59	59	67	77	68	0.0	—	—	—	—	—	0.0	⊟,◊,⊠	◊,⊟,⊠
26	—	109	(0.0)	0.0	87	95	94	96	93	92	93	0.0	5.8	4.7	5.0	1.3	0.0	16.8	⊟,⚹,≈,⌶,⊠	⚹,≈,⊟,⊠
27	2.6	149	(2.5)	0.8	90	92	89	82	87	66	84	—	—	1.2	1.7	—	—	2.9	⊟,ᒪ,⚹,⌶,⊠	⚹,⊟,⊠
28	8.3	284	3.0	1.5	86	91	60	59	67	69	72	0.0	0.0	—	—	—	—	0.0	⊟,⚹,◊,⊠	◊,⊟,⊠
29	7.2	272	2.9	1.5	89	93	70	50	65	84	75	0.0	0.0	—	—	—	—	0.0	⊟,⚹,⊠	⊟,⊠
	126.1	5115	67.1	33.2	84	85	74	68	76	80	78	7.1	11.4	8.9	10.7	6.0	3.1	47.2		

MARCH, 1952.

Day	STATION PRESSURE (1000mb+)							M.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	13.7	14.1	14.7	12.3	11.2	9.8	12.6	21.9	22.4	22.8	20.3	19.2	17.7	20.7	-8.5	-9.3	0.0	1.5	-0.7	-1.3	-3.0
2	7.9	6.4	7.3	6.1	6.4	4.2	6.4	15.9	15.6	15.3	14.0	14.5	12.3	14.6	-1.8	-5.8	0.9	3.1	0.5	-1.4	-0.7
3	2.6	1.9	0.5	992.7	997.1	0.2	999.2	10.5	9.9	8.6	0.5	5.0	8.3	7.1	-1.0	-1.4	1.8	4.1	0.1	-3.7	0.0
4	2.8	6.2	8.4	8.7	10.5	12.1	8.1	11.0	14.4	16.6	16.8	18.6	20.3	16.3	-4.9	-5.3	-3.7	-3.5	-5.1	-5.7	-4.7
5	13.0	14.6	14.8	14.7	16.0	18.0	15.2	21.2	22.9	22.9	22.8	24.2	26.3	23.4	-5.0	-5.7	-0.6	0.6	-2.3	-3.3	-2.7
6	18.0	18.9	18.8	18.4	19.7	20.5	19.2	26.3	27.4	28.0	26.4	27.9	28.8	27.5	-6.3	-10.9	-3.0	1.3	-2.5	-7.7	-4.8
7	20.4	19.8	19.7	17.9	17.5	15.9	18.5	28.8	28.2	27.9	25.9	25.6	24.0	26.7	-11.5	-9.7	-2.1	3.0	-0.3	-0.7	-3.5
8	14.2	12.8	12.6	10.4	8.8	9.7	11.4	22.5	21.0	20.6	18.2	16.8	17.6	19.5	-1.7	-3.3	1.3	4.1	0.1	-1.7	-0.2
9	8.2	7.1	5.5	3.5	4.0	4.8	5.5	16.3	15.1	13.5	11.4	11.9	12.7	13.5	-1.7	-1.5	-0.1	2.9	3.6	3.6	1.1
10	4.8	5.1	4.8	2.5	4.0	5.1	4.4	12.8	13.0	12.7	10.4	11.9	13.0	12.3	2.2	-0.7	2.0	2.7	0.4	0.8	1.5
11	5.6	5.6	5.8	5.1	6.4	9.6	6.4	13.6	13.8	13.8	13.0	14.4	17.6	14.4	-0.6	-4.5	0.9	2.2	0.1	-3.4	-0.9
12	11.2	13.2	15.8	14.5	16.3	17.3	14.7	19.3	21.5	23.8	22.5	24.4	25.5	22.8	-3.1	-8.1	1.1	1.7	-0.1	-2.1	-1.8
13	17.2	18.0	17.7	15.9	15.5	15.3	16.6	25.3	26.1	25.7	23.9	23.5	23.5	24.7	-0.9	-1.1	3.8	6.0	2.7	-3.3	1.2
14	13.9	13.6	12.1	8.0	7.5	8.3	10.6	22.0	21.6	20.0	15.9	15.4	16.3	18.5	-4.1	-5.4	1.9	3.7	3.3	2.2	0.3
15	8.4	10.0	9.2	7.4	7.0	5.8	8.0	16.4	17.9	17.0	15.1	14.8	13.8	15.8	0.9	0.1	7.1	9.5	6.2	0.1	4.0
16	3.4	3.8	5.1	6.0	7.7	9.1	5.9	11.4	11.8	12.8	13.8	15.6	17.1	13.8	0.0	0.3	5.5	6.4	3.0	3.1	3.1
17	11.9	14.8	14.8	14.2	15.9	17.1	14.8	19.9	23.0	22.7	22.0	23.9	25.2	22.8	1.8	-0.5	5.8	5.6	3.2	-0.4	2.6
18	17.0	17.6	16.0	11.9	10.3	7.0	13.3	25.2	25.8	24.0	19.9	18.3	15.0	21.4	-3.3	-3.0	3.1	3.5	0.8	0.7	0.3
19	3.5	0.4	997.0	990.0	983.4	987.7	993.7	11.5	8.3	4.8	997.8	**991.1**	995.4	1.5	0.5	0.5	1.9	2.4	2.3	4.9	2.1
20	992.6	997.6	1.7	2.2	5.3	7.8	1.2	0.4	5.5	9.7	10.1	13.4	15.9	9.2	2.2	0.0	0.1	1.2	-1.3	-3.9	-0.3
21	6.0	7.9	9.6	8.9	10.8	12.1	9.2	14.1	16.0	17.5	16.8	18.8	20.3	17.3	-3.5	-4.5	2.9	5.0	0.6	-2.6	-0.3
22	11.9	11.9	12.4	10.5	10.0	7.9	10.8	20.2	20.1	20.3	18.1	17.6	15.8	18.7	-4.5	-3.9	4.1	10.4	7.6	6.1	3.3
23	3.7	997.8	993.2	989.6	991.6	992.7	994.8	11.5	5.6	0.9	997.3	999.4	0.4	2.5	3.1	4.2	5.1	4.9	5.4	4.5	4.5
24	991.7	994.3	995.4	996.0	997.5	997.6	995.4	999.5	2.1	3.1	3.8	5.4	5.5	3.2	2.8	1.6	4.9	3.9	1.5	1.3	2.7
25	997.1	0.0	1.4	3.4	3.9	6.4	2.0	5.0	7.9	9.3	11.2	11.9	14.4	10.0	1.4	1.1	3.4	3.7	2.1	0.9	2.1
26	7.5	8.8	9.2	9.0	11.2	12.8	9.8	15.5	16.7	17.0	16.7	19.1	20.8	17.6	1.1	2.1	8.8	9.6	4.8	1.7	4.7
27	11.9	11.6	9.0	7.0	4.6	4.9	8.2	20.0	19.8	16.8	14.7	12.4	12.7	16.1	-2.1	-2.1	3.7	10.1	7.7	5.3	3.8
28	3.8	5.1	6.9	6.2	8.7	10.7	6.9	11.7	13.0	14.7	14.0	16.5	18.6	14.8	4.3	4.4	7.4	10.6	6.1	4.5	6.2
29	10.5	11.5	10.8	8.8	10.3	11.7	10.6	18.4	19.7	18.6	16.6	18.1	19.7	18.5	0.2	-2.0	7.5	10.9	6.1	1.5	4.0
30	11.6	11.5	11.7	8.8	9.0	10.5	10.5	19.7	19.7	19.5	16.5	16.7	18.3	18.4	-1.3	-1.4	7.1	12.5	9.4	6.6	5.5
31	10.5	11.6	12.3	8.9	8.7	7.9	10.0	18.3	19.7	20.1	16.6	16.7	15.9	17.9	3.7	0.3	6.4	10.0	4.1	2.6	4.5
Mean	8.3	8.8	8.9	7.1	7.6	8.4	8.2	16.3	17.0	16.8	14.9	15.6	16.4	16.2	-1.3	-2.4	2.9	5.0	2.3	0.3	1.1

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	1.9	-10.3	-4.2	12.2	N	0.9	W	2.4	—	0.4	SSE	2.6	SSE	1.5	NE	0.7	1.4	1.7
2	4.4	-5.9	-0.7	10.3	WNW	1.1	WSW	0.9	W	0.7	NW	1.5	SSE	0.7	N	1.5	1.1	0.8
3	5.4	-3.9	0.8	9.3	SSE	1.7	E	2.0	SE	1.3	SSE	8.0	W	11.3	W	9.4	5.6	5.5
4	-2.3	-6.0	-4.1	3.7	WNW	5.0	WSW	2.6	WNW	6.5	WNW	6.3	WNW	9.8	NNW	1.3	5.3	5.4
5	0.9	-6.0	-2.5	6.9	NNW	5.9	ENE	0.9	N	2.6	WNW	4.0	NNW	6.1	NNW	5.4	4.2	4.4
6	2.2	-11.0	-4.4	13.2	NNW	1.7	—	0.0	W	1.5	W	1.1	SSW	0.7	E	1.7	1.1	1.4
7	3.2	-11.9	-4.3	15.1	WNW	0.9	ENE	1.7	NW	1.5	—	0.2	WNW	3.4	N	0.9	1.4	1.7
8	4.8	-3.7	0.6	8.5	NNE	2.2	NW	3.2	W	1.3	SE	1.5	SE	5.7	SE	5.2	3.2	2.8
9	4.8	-1.9	1.5	6.7	SE	0.7	SSW	2.2	S	4.2	NE	2.0	ENE	3.2	WSW	2.6	2.5	2.6
10	3.0	-0.1	1.5	3.1	SW	3.6	S	2.0	—	0.4	NW	5.4	NW	5.7	N	4.2	3.6	3.5
11	3.5	-5.5	-1.0	9.0	NNW	4.8	WSW	2.2	W	2.4	E	0.9	SSE	3.2	ESE	0.9	2.4	2.1
12	2.4	-7.8	-2.7	10.2	NNW	2.6	W	2.4	S	1.7	NNW	5.9	NW	2.4	—	0.2	2.5	2.2
13	7.0	-3.3	1.9	10.3	SE	2.6	SW	3.2	SE	5.0	SE	3.0	NNW	1.3	NW	1.7	2.8	2.2
14	4.9	-5.5	-0.3	10.4	NNW	0.7	ENE	1.1	W	1.3	SW	1.1	—	0.0	—	0.2	0.7	1.0
15	9.8	-1.0	4.4	10.8	WNW	0.7	NNE	1.3	NNW	3.3	N	2.6	NNE	2.4	—	0.0	1.7	1.8
16	7.0	-1.0	3.0	8.0	—	0.4	S	0.7	NNW	2.8	NW	3.8	WNW	5.0	NNW	4.6	2.9	3.3
17	7.3	-1.0	3.2	8.3	NW	8.5	NW	3.4	NE	1.5	NW	5.4	NW	2.6	W	2.6	4.0	3.7
18	3.8	-4.5	-0.4	8.3	NW	2.2	SSE	1.1	SSE	4.4	SSE	5.4	SSW	2.2	—	0.0	2.6	2.3
19	6.7	0.3	3.5	7.0	NNW	1.5	NW	1.1	—	0.0	NNW	1.3	NW	3.0	NW	4.0	1.8	2.2
20	3.7	-4.4	-0.3	8.1	WNW	10.7	WNW	11.2	NW	9.1	WNW	7.6	WNW	7.4	S	0.7	7.8	7.8
21	5.6	-5.1	0.2	10.7	SSE	3.6	ENE	2.4	—	0.4	NW	5.0	—	0.2	—	0.2	2.0	2.4
22	11.8	-4.6	3.6	16.4	SSW	2.0	NNW	1.1	WSW	1.3	NW	2.4	SSE	6.9	S	4.0	3.0	1.8
23	5.9	3.1	4.5	2.8	NW	3.0	WNW	3.0	NW	4.0	WNW	7.3	NNW	8.9	NNW	8.2	5.7	5.7
24	6.0	0.7	3.4	5.3	NNW	7.1	NNW	8.4	NNW	12.0	NNW	13.7	NNW	11.5	NNW	8.0	10.1	9.6
25	5.0	0.5	2.8	4.5	NNW	8.9	NNW	8.4	NNW	12.5	NNW	9.6	NNW	7.3	N	2.8	8.3	8.6
26	10.1	-1.2	4.5	11.3	N	5.4	N	4.8	NW	7.3	NW	9.1	NW	3.8	N	2.2	5.4	4.7
27	10.2	-2.5	3.9	12.7	WNW	1.3	E	1.3	N	1.1	S	4.4	NW	1.1	N	3.2	2.1	1.9
28	10.7	1.8	6.3	8.9	NW	5.4	NW	4.4	NW	6.9	WNW	8.0	W	4.2	S	1.7	5.1	5.4
29	11.7	-2.5	4.6	14.2	WNW	1.1	—	0.0	W	1.1	NW	3.4	SE	6.3	S	2.4	2.4	2.1
30	13.0	-2.5	5.3	15.5	WNW	1.3	—	0.0	ENE	2.6	WSW	2.8	WSW	5.7	NNW	1.7	2.4	3.0
31	10.7	-0.2	5.3	10.9	NNW	4.6	NNW	1.3	NE	3.6	N	2.0	SSE	4.4	SSW	1.3	2.9	3.0
Mean	6.0	-3.4	1.3	9.4		3.3		2.6		3.4		4.4		4.4		2.7	3.5	3.4

MARCH, 1952.

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	3.0	2.5	3.8	4.6	5.2	5.5	4.1	10	3	10	10	10	10	8.8	—	—	ns	—	—	sc	cs	—	—	—	as	—	—	—	ns	—	—	ns
2	5.3	3.8	5.5	5.4	4.5	4.8	4.9	10	3	10	9	2	10	7.3	—	—	ns	—	—	sc	—	—	sc	cs	—	sc	—	—	sc	—	—	sc
3	5.4	5.3	5.4	5.2	4.5	4.3	5.0	10	10	3	10	10	10	8.8	—	—	ns	—	—	ns	—	—	sc	—	—	sc	—	—	ns	—	—	ns
4	3.8	3.9	3.4	3.6	3.5	3.2	3.6	10	10	10	7	2	8	7.8	—	—	ns	—	—	ns	cs	—	st,sc	ci	—	ns,sc	—	—	sc	—	—	ns
5	3.0	3.4	3.6	3.3	3.7	3.1	3.4	8	10	10	7	3	3	6.8	—	—	st,ns	—	—	ns,sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
6	2.9	2.4	3.2	3.3	3.2	2.7	3.0	1	10	9	2	0	0	3.7	—	—	sc	cs	—	sc	—	ac	sc	cs	—	cu	—	—	cu	—	—	—
7	2.2	2.7	3.7	3.4	3.9	3.9	3.3	3	8	4	10	10	10	7.5	cs	—	sc	—	ac	sc	cs	—	—	—	as	—	cs	as	—	cs	—	—
8	3.4	3.7	4.2	3.9	5.1	5.0	4.2	10	10	7	0	10	10	7.8	—	as	—	—	as	—	ci	ac	—	—	—	sc	—	ac	—	—	—	ns
9	5.2	5.2	6.1	6.3	5.0	4.7	5.4	10	10	10	8	7	10	9.2	—	—	ns	—	—	st	—	—	ns	—	—	sc	—	—	sc	—	—	sc
10	5.1	5.9	5.2	5.1	5.0	4.6	5.2	10	10	10	9	2	10	8.5	—	—	st	—	—	sc	—	as	—	cs	—	sc	—	—	sc	—	—	sc
11	4.2	3.7	4.5	4.8	4.7	3.6	4.3	2	2	10	10	6	4	5.7	—	—	sc	ci	—	—	—	as	—	—	as	—	cs	—	sc	—	ac	—
12	3.6	3.1	4.6	5.0	4.7	4.3	4.2	3	1	10	4	4	7	4.8	cc	—	sc	—	—	sc	—	—	ns	—	—	sc	—	—	sc	—	—	sc
13	4.7	4.9	5.7	5.7	5.7	4.2	5.2	10	10	10	10	1	0	6.8	—	—	sc	—	—	sc,ns	cs	—	sc	cs	—	sc	ci	—	—	—	—	—
14	4.3	3.9	4.9	5.6	5.6	5.9	5.0	10	10	10	10	10	10	10.0	cs	—	—	cs	—	—	cs	—	—	—	as	—	—	as	—	—	as	—
15	5.5	5.3	6.2	6.9	6.3	5.6	6.0	2	7	0	6	3	10	4.7	—	—	sc	ci,cs	—	—	cs	—	—	cs	—	sc	—	—	sc	cs	—	—
16	5.8	5.9	6.6	6.0	4.7	4.1	5.5	10	7	10	3	0	1	5.2	—	as	—	—	—	sc	—	—	sc	—	—	cu	—	—	cu	—	—	sc
17	4.1	3.4	3.8	4.8	4.8	4.5	4.2	0	0	7	8	5	0	3.3	—	—	cu	—	—	cu	cs	—	sc	cs	—	cu	—	as	sc	—	—	sc
18	4.2	4.3	5.3	5.5	6.1	6.0	5.2	0	10	10	10	10	10	8.3	—	—	—	—	as	—	—	—	sc	—	—	sc	—	—	ns	—	—	ns
19	6.3	6.3	6.7	7.1	7.2	6.5	6.7	10	10	10	10	10	10	10.0	—	—	ns	—	—	st	—	—	st	—	—	ns	—	—	ns	—	—	st
20	5.2	3.6	4.6	4.1	3.3	3.4	4.0	7	7	10	2	0	0	4.3	—	—	sc,ns	—	—	sc,st	—	—	ns	—	—	sc	—	—	sc	—	—	—
21	3.9	4.2	3.8	4.2	3.7	3.9	4.0	10	2	1	2	0	0	2.5	—	—	sc	—	—	sc	—	—	sc	—	—	cu	—	—	—	—	—	—
22	3.8	4.2	4.7	6.0	6.5	6.4	5.3	0	2	0	3	10	10	4.2	—	—	—	—	—	sc	—	—	cu	—	—	cu	cs	—	sc	—	as	—
23	7.4	7.6	8.7	8.0	7.0	6.5	7.5	10	10	10	10	10	10	10.0	—	—	ns	—	as	ns	—	—	ns	—	—	ns	—	—	sc	—	—	st
24	6.2	5.2	6.2	6.4	5.5	4.9	5.7	7	9	7	10	10	10	8.8	—	—	sc	cs	ac	sc	—	ac	sc	—	—	sc,ns	—	—	ns	—	as	—
25	5.2	4.7	4.7	5.0	4.4	4.6	4.8	5	9	3	10	8	0	5.8	—	—	sc	—	—	sc	ci	—	cu	cc,cs	as	—	—	—	sc	cs	—	—
26	4.5	4.8	6.8	6.5	5.7	5.4	5.6	0	0	3	3	0	0	1.0	—	—	—	—	—	cu	cs	—	sc	cs	—	sc	—	—	sc	—	—	—
27	4.7	4.8	5.9	7.8	8.5	6.9	6.4	0	10	10	10	10	10	8.3	—	—	—	cs	—	—	—	as	—	—	as	sc	—	as	—	—	as	—
28	7.0	6.5	6.1	6.7	6.1	6.5	6.5	7	7	6	2	0	0	3.7	—	—	sc	—	—	sc	—	—	sc	ci	—	cu	—	—	cu	—	—	—
29	5.9	5.1	6.8	7.0	7.0	5.9	6.3	0	9	10	10	5	0	5.7	—	—	—	cs	—	—	—	as	cu	—	as	cu	ci	—	sc	—	—	—
30	5.3	5.3	7.4	8.0	6.9	7.5	6.7	0	10	6	8	9	8	6.8	—	—	—	—	as	st	cs	—	cu	—	—	sc	—	—	sc	—	—	sc
31	6.0	5.6	5.2	4.7	5.2	5.2	5.3	10	10	10	10	10	10	10.0	—	as	—	cs	ac	—	cs,ci	—	—	cs	—	—	—	as	—	—	as	—
Mean	4.7	4.6	5.3	5.5	5.3	5.0	5.0	6.0	7.3	7.6	7.2	5.7	6.2	6.6																		

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	4.1	167	(0.8)	0.7	92	83	63	67	90	99	82	0.0	0.0	—	0.0	0.0	0.7	0.7	⊟,⚹,⌶,◊,≤	⚹,⌶,⊟,⊠
2	4.1	230	(1.7)	0.7	98	95	85	71	71	87	85	3.6	1.2	—	—	—	—	4.8	⊟,⚹,⊠ ⌊⊠	◊,⚹,⊟,⌶,⊠
3	4.8	261	(0.8)	1.3	95	97	77	64	73	92	83	1.7	1.3	0.3	—	3.1	0.0	6.4	⊟,⚹,⊠	●,🌫,≈,△,⚹
4	5.8	290	(2.3)	1.6	89	95	72	76	84	81	83	0.8	0.3	0.7	—	0.0	0.0	1.8	⊟,⚹,⊠,◤,◷	⚹,⊟,⊠,◤ ⌊⊠
5	6.4	312	3.6	1.8	71	85	62	52	71	65	68	0.0	0.0	0.1	—	—	—	0.1	⊟,⚹,⊠	◊,⊟,⊠ ⌊◤,⊟
6	10.0	—	2.5	1.2	75	90	65	49	63	78	70	—	—	—	—	—	—	—	⊟,⊠	⊟,⊠
7	7.0	264	2.5	1.3	86	91	71	45	65	67	71	—	—	—	—	—	—	—	⊟,≤,⊠	◊,⊟,Ψ,⊠
8	8.3	301	(2.6)	1.0	63	77	63	48	82	93	71	—	—	—	—	—	0.0	0.0	⊟,◊,⊠	◊,⚹,⌶,⊟,⊠
9	2.9	252	(1.9)	0.7	96	95	100	84	63	60	83	0.6	—	0.1	0.1	—	—	0.8	⊟,⚹,⊠	⚹,⊟,⊠
10	2.7	135	2.1	1.4	71	91	74	69	79	71	76	0.0	0.1	—	—	—	—	0.1	⊟,◊,⚹,△,⌶ ⌊⊠,◷	◊,⊟,⊠
11	2.6	209	2.1	1.1	71	85	69	66	75	77	74	—	—	—	—	—	—	—	⊟,⊠	⊟,⊠
12	8.4	287	2.5	0.7	73	93	69	72	77	83	78	—	—	0.0	0.0	—	—	0.0	⊟,⊔,⚹,⊠	◊,⊟,⊠
13	7.4	265	2.7	1.1	83	88	71	60	76	89	78	0.0	0.0	0.0	—	—	—	0.0	⊟,⚹,⊠	⊟,⊠
14	4.9	170	(2.0)	0.5	96	95	70	70	72	82	81	—	—	—	—	—	0.2	0.2	⊟,⊔,⊠	●,⊠
15	10.1	333	3.3	0.9	85	86	61	58	66	91	75	—	—	—	—	—	—	—	⊟,◊,⊠	◊,⊟,⊠
16	6.5	280	3.8	1.6	94	95	74	63	62	54	74	—	—	—	—	—	—	—	⊟,⊠	◊,⊟,⊠
17	10.0	336	5.2	1.3	59	57	41	52	62	76	58	—	—	—	—	—	—	—	⊟,◊,⊠	◊,⊟,⊠
18	0.4	125	(3.5)	0.5	87	87	69	70	95	93	84	—	—	—	—	0.9	2.5	3.4	⊟,⊠	●,⚹,⁂,△,⊠
19	—	19	(4.0)	1.6	100	100	95	98	100	74	95	3.1	0.4	—	2.4	5.5	2.8	14.2	●,⊠	●,⊠,◤
20	8.5	395	(3.4)	1.3	73	59	75	62	59	74	67	0.0	0.0	0.0	0.0	—	—	0.0	⊟,⚹,◤	⚹,◊,⊟,◤
21	11.0	367	3.4	1.3	82	96	51	49	59	78	69	—	0.8	—	—	—	—	0.8	⊟,◊,⚹,⌶	◊,⊟
22	10.2	381	(2.3)	1.0	87	92	58	48	62	68	69	—	—	—	—	—	—	—	⊟,⊔,≤	◊,≤,●
23	—	42	(3.4)	1.2	97	92	99	93	78	77	89	1.6	4.3	9.4	15.7	2.5	—	33.5	◊,●	●,◤
24	5.1	375	(5.2)	2.1	83	75	72	79	80	73	77	—	—	—	—	0.5	0.0	0.5	⊟,◊,◤	⚹,⊟,◤
25	7.3	371	4.4	1.8	77	71	61	63	62	71	68	—	—	—	—	—	—	—	⊟,◊,◤	◊,⊟,◤
26	10.8	390	3.6	1.6	68	68	60	55	66	79	66	—	—	—	—	—	—	—	⊟,◊	◊,⊟
27	0.3	182	2.8	1.5	90	92	74	63	81	77	80	—	—	—	—	—	—	—	⊟,⊔,≤	≤
28	10.0	384	3.7	1.4	84	78	59	52	65	77	69	—	—	—	—	—	—	—	≤,◊	◊,◤
29	9.7	318	2.9	1.1	95	96	66	54	74	86	79	—	—	—	—	—	—	—	⊟,⊔,≤	◊
30	4.9	294	3.4	1.7	95	97	74	55	59	77	76	—	—	—	—	—	—	—	⊟,⊔,≤	◊
31	6.1	306	3.1	1.3	76	89	54	38	63	70	65	—	—	—	—	—	—	—	◊	◊,◤
	190.2	8038	91.5	38.0	84	87	69	63	72	78	75	11.4	8.4	10.6	18.2	12.5	6.2	67.3		

APRIL, 1952.

Day	STATION PRESSURE (1000mb+)							M.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	5.3	2.3	999.6	997.9	998.6	0.1	0.6	13.2	10.2	7.5	5.7	6.6	8.0	8.5	2.4	2.0	3.9	3.9	1.7	-0.2	2.3
2	999.6	0.3	1.6	0.3	2.7	3.9	1.4	7.7	8.3	9.4	8.2	10.7	11.8	9.4	-2.5	1.2	4.9	5.0	1.0	0.9	1.8
3	5.2	6.2	7.3	5.9	8.0	10.2	7.1	13.1	14.2	15.1	13.7	15.9	18.2	15.0	0.9	0.0	4.4	5.1	3.6	-0.5	2.3
4	9.5	11.0	10.0	7.0	7.8	9.4	9.1	17.6	19.1	17.6	14.6	15.4	17.2	16.9	-2.7	-3.0	9.9	14.6	10.5	3.1	5.4
5	9.6	10.4	9.8	7.9	8.5	9.7	9.3	17.5	18.4	17.4	15.4	16.2	17.6	17.1	-0.5	-0.6	12.7	18.8	12.5	4.2	7.9
6	10.8	13.0	12.3	10.9	12.4	13.0	12.1	18.9	21.0	19.9	18.3	20.0	20.9	19.8	0.1	0.4	15.9	18.0	13.3	5.7	8.9
7	12.1	12.7	11.9	8.9	8.7	9.1	10.6	20.1	20.7	19.5	16.3	16.3	16.8	18.3	1.7	1.3	16.7	22.7	16.4	9.9	11.5
8	7.8	7.9	8.3	8.2	7.9	7.8	8.0	15.5	15.7	15.9	15.8	15.7	15.5	15.7	7.8	8.4	13.3	14.1	12.5	10.1	11.0
9	7.0	6.0	3.7	0.2	998.8	997.4	2.2	14.8	13.7	11.3	7.8	6.4	5.0	9.8	9.6	9.7	15.3	16.5	14.8	10.5	12.7
10	997.4	1.6	7.8	9.9	13.6	18.0	8.1	4.9	9.2	15.4	17.5	21.3	26.0	15.7	13.3	11.4	14.1	14.4	8.3	5.2	11.1
11	19.4	22.3	21.2	19.8	18.7	18.4	20.0	27.4	30.4	29.1	27.4	26.4	26.2	27.8	2.5	-0.5	12.0	13.5	12.3	10.7	8.4
12	16.4	14.4	12.3	8.5	6.6	6.5	10.8	24.3	22.1	19.9	16.0	14.3	14.1	18.5	8.9	10.0	16.1	17.3	14.0	12.7	13.2
13	3.6	3.1	3.4	3.0	5.9	10.2	4.9	11.3	10.7	10.7	10.5	13.6	17.9	12.5	12.2	12.5	19.0	15.2	11.7	10.2	13.5
14	11.9	15.4	17.5	18.7	20.8	21.7	17.7	19.7	23.2	25.3	26.4	28.8	29.7	25.5	8.9	7.8	9.5	11.3	7.3	5.1	8.3
15	20.4	19.3	17.5	13.2	8.4	6.1	14.2	28.4	27.3	25.3	21.1	16.3	13.8	22.0	4.7	3.7	5.1	6.7	7.1	6.9	5.7
16	5.1	5.1	4.7	5.8	8.2	10.5	6.6	12.9	12.9	12.3	13.6	16.0	18.2	14.3	5.4	5.8	12.2	8.3	5.8	5.9	7.2
17	9.0	11.6	9.1	4.5	2.5	1.0	6.3	16.8	19.5	16.7	11.9	10.0	8.6	13.9	4.1	4.8	13.7	19.3	15.6	10.7	11.4
18	998.5	996.9	0.3	2.2	4.8	7.7	1.7	6.2	4.7	7.9	9.8	12.5	15.5	9.4	6.7	8.2	13.5	13.1	9.1	7.2	9.6
19	8.8	11.3	12.4	9.1	9.5	8.8	10.0	16.7	19.1	20.2	16.7	17.1	16.6	17.7	7.7	6.8	11.9	14.1	10.8	8.6	10.0
20	4.9	4.5	5.6	5.6	7.0	8.3	6.0	12.7	12.3	13.2	13.2	14.6	16.2	13.7	7.7	7.8	12.1	11.6	10.3	6.5	9.3
21	9.0	7.7	8.1	6.3	6.2	7.0	7.4	16.8	15.5	15.9	13.8	13.9	14.7	15.1	4.7	4.1	9.9	15.0	11.3	6.5	8.6
22	6.4	5.6	7.0	5.5	11.8	14.6	8.5	14.2	13.4	14.7	13.2	19.7	22.4	16.3	5.6	7.2	9.5	9.7	6.7	5.1	7.3
23	15.0	16.6	16.5	16.3	17.7	18.6	16.8	23.0	24.6	24.3	24.1	25.7	26.6	24.7	0.5	2.8	9.7	11.2	7.7	4.8	6.1
24	18.4	18.6	18.9	15.8	15.4	16.7	17.3	26.4	26.7	26.7	23.5	23.3	24.7	25.2	2.1	1.7	10.2	12.4	9.4	2.9	6.5
25	16.6	15.6	14.1	11.1	9.7	8.4	12.6	24.6	23.5	21.7	18.9	17.3	16.2	20.4	0.9	1.8	11.5	11.3	8.7	7.5	7.0
26	5.8	5.9	5.6	5.7	7.9	9.5	6.7	13.7	13.8	13.4	13.5	15.9	17.3	14.6	4.0	3.6	6.1	5.1	4.7	3.9	4.6
27	10.2	11.2	14.1	14.2	15.7	18.1	13.9	18.1	19.1	21.8	21.9	23.5	26.1	21.8	3.2	3.1	6.8	10.3	8.5	3.8	6.0
28	18.9	19.8	18.1	15.3	13.7	11.5	16.2	27.0	27.9	25.8	22.9	21.3	19.3	24.0	1.8	2.2	13.1	15.7	11.9	10.0	9.1
29	9.1	6.9	6.2	3.0	1.4	1.7	4.7	16.8	14.7	14.0	10.6	8.9	9.3	12.4	8.2	9.1	10.7	13.1	12.7	12.7	11.1
30	1.6	3.0	2.6	2.0	5.7	7.4	3.7	9.1	10.7	10.0	9.3	13.3	15.1	11.3	11.4	10.8	20.5	21.2	13.7	10.4	14.7
Mean	9.1	9.5	9.6	8.1	8.8	9.7	9.1	17.0	17.4	17.3	15.7	16.6	17.5	16.9	4.7	4.8	11.5	13.0	9.8	6.7	8.4

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	4.8	-0.2	2.3	5.0	NW	1.1	—	0.4	NNW	7.1	NNW	8.7	NNW	8.5	NNW	4.8	5.1	4.8
2	6.2	-2.8	1.7	9.0	SE	1.5	WNW	5.4	NW	7.1	W	8.0	W	5.5	WNW	5.5	5.5	5.7
3	7.4	-1.2	3.1	8.6	WNW	4.2	NNE	1.1	NNW	6.5	NNW	4.0	WNW	2.2	E	2.6	3.4	3.9
4	15.2	-4.8	5.2	20.0	—	0.2	—	0.0	SE	5.5	WSW	7.4	NNE	1.7	NW	3.2	3.0	2.5
5	19.3	-2.1	8.6	21.4	W	1.1	NNW	1.7	NW	1.7	NW	5.7	W	2.2	NE	1.1	2.3	2.3
6	18.6	-1.3	8.7	19.9	NW	1.3	NW	0.7	NNE	0.9	NW	7.3	NNW	3.4	NW	2.4	2.7	2.8
7	23.2	0.2	11.7	23.0	WNW	0.7	—	0.4	SE	0.7	NNE	2.2	SSE	6.7	WNW	1.5	2.0	1.8
8	14.3	7.1	10.7	7.2	ENE	0.9	NNW	1.3	W	1.5	S	2.2	SE	3.8	W	0.7	1.7	1.5
9	17.0	9.1	13.1	7.9	—	0.0	W	0.9	SE	2.8	SSE	6.1	S	4.0	WNW	1.3	2.5	2.2
10	15.5	4.2	9.9	11.3	NNW	5.4	W	8.7	NW	6.5	WNW	8.4	WNW	5.9	NW	3.4	6.4	6.4
11	14.3	-1.6	6.4	15.9	NNW	2.4	WNW	0.9	S	6.3	SSE	9.6	SSE	6.9	SE	1.5	4.6	4.7
12	18.1	8.4	13.3	9.7	ESE	0.7	SW	0.9	SSE	6.7	SSE	9.1	SSE	8.4	SW	2.4	4.7	4.0
13	20.0	10.2	15.1	9.8	SSE	6.1	SSE	0.7	SSE	3.0	NNW	5.4	NW	7.3	NW	2.6	4.2	4.8
14	11.7	5.0	8.4	6.7	WNW	7.6	NNE	1.7	NNW	4.4	WSW	1.5	SSE	5.9	SW	2.6	4.0	3.6
15	7.8	3.7	5.8	4.1	W	1.3	WSW	4.2	NW	2.0	NW	3.0	NNW	3.4	NNW	4.8	3.1	2.9
16	12.5	5.0	8.8	7.5	NNW	7.2	WSW	0.7	SW	6.9	WSW	9.8	WSW	12.4	NNE	5.5	7.1	7.6
17	19.7	3.6	11.7	16.1	E	3.4	SSE	3.4	SSE	7.6	SE	7.1	SSE	7.8	NNW	1.3	5.1	5.2
18	14.2	6.6	10.4	7.6	NNE	1.1	N	1.5	SW	11.5	W	9.1	SSW	6.3	W	3.4	5.5	4.6
19	15.1	5.7	10.4	9.4	SW	5.4	S	2.2	WSW	1.7	—	0.2	SSE	5.5	W	1.3	2.7	3.4
20	13.0	5.6	9.3	7.4	W	1.3	NW	1.1	NNE	1.7	WNW	6.5	NNW	0.7	SSE	2.2	2.3	3.2
21	15.8	3.8	9.8	12.0	NNE	0.7	—	0.2	SW	1.5	SE	0.9	SSE	7.3	SSE	2.2	2.1	2.6
22	10.6	5.0	7.8	5.6	E	0.9	WSW	9.1	W	16.8	W	19.0	NW	6.9	NNW	7.4	10.0	9.7
23	12.5	-0.4	6.1	12.9	WNW	0.7	—	0.2	NNW	6.3	W	5.7	NNW	5.2	NNW	4.4	3.8	4.2
24	13.1	-0.1	6.5	13.2	WNW	1.5	—	0.2	NE	2.8	NW	3.6	WNW	3.0	SW	1.5	2.1	2.3
25	13.5	0.4	7.0	13.1	—	0.0	NNW	2.2	ESE	1.5	SE	8.9	SE	4.2	N	2.2	3.2	3.3
26	6.5	3.4	5.0	3.1	NW	5.0	WNW	3.0	NNW	2.8	NNW	2.8	NW	3.0	NW	1.1	3.0	3.1
27	11.2	2.5	6.9	8.7	WNW	1.3	NNW	2.4	NW	2.2	WNW	7.4	WNW	5.7	ENE	1.5	3.4	3.5
28	16.5	0.2	8.4	16.3	W	2.0	W	0.7	SSE	8.5	SSE	8.7	SSE	7.8	SSE	4.2	5.3	5.1
29	13.1	7.8	10.5	5.3	SSE	2.4	—	0.4	NNW	2.0	SSE	3.6	SSE	6.7	S	6.1	3.5	3.2
30	22.2	7.4	14.8	14.8	S	0.7	—	0.4	W	5.0	WSW	7.4	NW	5.2	NW	2.8	3.6	3.7
Mean	14.1	3.0	8.6	11.1		2.3		1.9		4.7		6.3		5.5		2.9	3.9	3.9

APRIL, 1952.

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	5.5	5.6	5.2	5.0	4.9	4.7	5.2	10	10	10	10	10	2	8.7	—	as	—	—	as	—	—	as	sc	—	—	sc	—	ac	sc	—	—	sc
2	4.6	4.7	4.8	5.5	5.8	4.7	5.0	2	8	10	10	10	3	7.2	—	—	sc	ci	—	sc	cs	—	sc	cs	—sc	cu	cs	—ns	sc	—	—	sc
3	4.4	5.0	5.3	6.3	5.1	4.3	5.1	0	4	8	8	4	0	4.0	—	—	—	—	—	sc	—	—sc	cu	—	—cu	sc	—	—	cu	—	—	cu
4	4.3	4.6	5.7	7.7	7.4	7.0	6.1	0	0	2	0	6	0	1.3	—	—	—	—	—	sc	—	ac	sc	—	—	cu	cc	—	—	—	ac	—
5	5.5	5.6	6.6	6.4	6.2	5.9	6.0	0	4	0	0	0	0	0.7	—	ac	—	ci	—	—	—	—	—	—	—	sc	—	—	—	—	—	—
6	5.7	5.5	7.6	8.3	7.9	7.4	7.1	0	0	0	3	4	0	1.2	—	—	—	—	—	—	—	—	—	ci,cs	—	—	cs	—	—	—	—	—
7	6.4	6.5	7.2	8.0	7.6	8.2	7.3	0	2	7	2	10	10	5.2	—	—	—	cs	—	—	cs	—	—	ci	—	—	cs	ac	—	cs	—	—
8	7.5	9.2	10.2	14.6	11.7	11.6	10.8	10	10	10	10	10	10	10.0	cs	—	—	—	as	—	—	—sc	,st	—	—	ns	—	—	st	—	—	st
9	11.2	11.2	14.1	15.0	15.3	11.5	13.1	10	10	10	10	10	10	10.0	—	—	st	—	—sc	,st	—	as	—	—	as	—	—	—	st	cs	—	—
10	13.2	10.2	5.8	5.5	4.4	5.3	7.4	7	0	0	1	10	10	4.7	—	—	sc	—	—	sc	—	—	—	ci	—	—	—	as	—	cs	—	—
11	5.0	5.3	6.6	19.8	10.9	10.3	8.0	0	0	0	6	8	10	4.0	ci	—	—	—	—	—	—	—	cu	cs	—	sc	—	—	sc	—	ac	—
12	10.5	11.5	13.6	14.3	14.6	14.2	13.1	10	10	10	10	10	10	10.0	—	—	sc	—	—	st	—	as	sc	—	as	sc	—	as	ns	—	—	st
13	13.7	14.2	16.4	14.7	11.0	10.0	13.3	10	10	10	10	10	10	10.0	—	—	sc	ci	ac	sc	cc	ac	sc	—	as	sc	—	as	sc	—	—	sc
14	8.3	8.0	7.7	7.8	9.3	7.9	8.2	8	10	10	10	10	10	9.7	—	—	sc	cs	ac	—	—	ac	sc	—	as	cu	—	—	ns	—	—	ns
15	8.3	7.7	8.0	8.4	8.0	7.6	8.0	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—sc	,st	—	as	—	—	—	sc
16	7.7	8.6	8.1	9.3	7.1	6.7	7.9	10	7	8	7	10	10	8.7	—	—	sc	—	ac	sc	—	—sc	,st	—	—	sc	—	—	ns	—	—	sc
17	6.2	6.5	9.1	12.5	13.1	11.7	9.9	7	10	10	10	10	0	7.8	—	—	sc	—	as	—	cs	—	sc	cs,ci	—	—	ci	ac	—	—	—	—
18	9.7	10.6	9.8	6.8	7.2	6.4	8.4	10	10	10	9	8	1	8.0	—	—	=	—	—	st	—	as	ns	ci	—	sc	—	—	sc	—	—	sc
19	6.0	6.1	7.7	6.5	8.0	10.5	7.5	10	1	4	10	10	10	7.5	—	—	sc	—	—	sc	ci	—	cu	—	as	—	—	as	cu	—	—	st
20	10.1	9.8	11.3	9.5	8.2	9.3	9.7	10	10	10	10	8	10	9.7	—	—	ns	—	as	st	—	—	sc	—	—	sc	—	as	—	—	—	ns
21	7.9	7.9	9.3	8.8	9.8	8.6	8.7	10	8	2	1	2	0	3.8	—	—	ns	—	—	sc	ci	—	cu	—	—	cu	—	—	sc	—	—	—
22	7.9	7.4	7.8	7.3	6.2	6.0	7.1	10	2	2	3	2	0	3.2	—	—	ns	—	—st	,cu	—	—st	cu	—	—sc	,st	—	—	sc	—	—	—
23	5.4	6.2	5.9	6.2	5.9	6.7	6.1	0	2	9	10	10	10	6.8	—	—	—	—	—	sc	ci,cs	—	cu	cs	—	cu	cs	ac	sc	—	—	sc
24	6.4	6.4	6.5	6.8	6.4	6.2	6.5	10	10	10	9	10	1	8.3	—	ac	—	cs	ac	sc	cs,ci	—	sc	cs,ci	—	cu	ci,cs	—	cu	cs	—	—
25	6.1	6.1	7.0	7.0	7.1	7.1	6.7	3	10	10	10	10	10	8.8	—	ac	—	ci	ac	—	cs	ac	—	cs	—	sc	—	as	—	—	—	st
26	7.2	7.3	7.9	8.0	8.0	7.8	7.7	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
27	7.5	7.4	8.0	7.9	7.7	7.2	7.6	10	10	10	8	1	0	6.5	—	—	ns	—	—	ns	—	—sc	,ns	cs	—sc	cu	ci	—	cu	—	—	—
28	6.6	6.9	8.6	9.0	10.6	10.5	8.7	0	9	5	7	10	1	5.3	—	—	—	ci,cs	—	—	ci	—	—	ci	—	—	cs	—	sc	ci	—	—
29	10.2	11.0	12.0	14.1	14.4	14.0	12.6	0	10	10	10	10	10	8.3	—	—	—	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
30	13.3	12.8	11.7	13.1	10.1	9.5	11.8	10	10	2	9	0	0	5.2	—	—	ns	—	—	≡	cs	—	—	—	—sc	,ns	—	—	cu	—	—	—
Mean	7.7	7.9	8.5	9.0	8.7	8.3	8.3	6.2	6.9	7.0	7.4	7.8	5.6	6.8																		

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	—	116	3.1	1.6	76	79	65	62	70	79	72	—	—	0.0	—	—	—	0.0	◎,≡	◎
2	5.0	288	4.0	1.6	90	70	55	64	88	73	73	—	—	—	0.0	0.0	0.0	0.0	⊟,◎,⧖	◎,≡,●,◤,⊟
3	7.1	284	2.9	1.1	68	82	64	72	64	73	71	0.0	—	—	—	—	—	0.0	⊟,◎	◎,⊔,⊟
4	10.3	334	4.6	1.3	86	93	47	47	58	92	71	—	—	—	—	—	—	—	⊟,⊔,◎	◎
5	11.5	366	5.7	2.1	94	96	45	29	43	72	63	—	—	—	—	—	—	—	⊟,⊔,ᔕ	◎
6	11.8	357	5.4	2.3	93	88	42	40	51	81	66	—	—	—	—	—	—	—	⊟,⊔,◎	◎,ᔕ
7	10.0	302	4.7	2.1	93	97	38	29	40	67	61	—	—	—	—	—	—	—	⊟,⊔,ᔕ	ⓣ
8	—	96	(1.1)	0.6	73	84	67	90	81	94	82	—	—	0.1	1.0	0.0	0.2	1.3	●	●,ϑ
9	1.2	244	3.4	1.4	94	93	81	80	91	91	88	0.0	—	—	—	—	—	0.0	ᔕ,ϑ	ᔕ,ⓣ
10	10.7	451	6.6	3.2	86	75	36	33	40	59	55	—	—	—	—	—	—	—	◎,◤	◎
11	10.0	337	4.7	1.6	68	90	47	63	76	80	71	—	—	—	—	—	—	—	⊟,⊔,ᔕ,◤	ᔕ,◤
12	0.6	169	(2.8)	1.1	92	93	74	72	92	97	87	—	—	—	—	0.4	2.1	2.5	—	ᔕ,●
13	2.4	215	2.6	1.6	97	98	74	85	80	80	86	0.0	—	—	—	—	—	0.0	—	◎,◤
14	—	122	(0.8)	0.7	73	76	64	58	91	90	75	—	—	—	—	0.2	0.9	1.1	◎	◎,●
15	—	87	—	0.8	97	97	91	85	79	76	88	2.9	2.0	2.1	1.1	—	—	8.1	●	●,◎,◷
16	5.2	387	(3.2)	1.3	86	93	57	85	77	73	79	—	—	—	1.7	3.2	0.4	5.3	◎,ᔕ,●,◤	●,◤
17	10.4	394	(3.6)	1.8	76	75	58	56	74	91	72	—	—	—	—	—	—	—	ᔕ	ᔕ,⊅
18	3.7	162	3.6	1.8	99	97	63	45	62	63	72	—	—	0.8	0.0	—	—	0.8	⊅,=,●,◤	◎,◤
19	7.4	431	(3.3)	1.4	60	62	55	40	62	94	62	—	—	—	—	—	1.2	1.2	◎	◎,●
20	—	136	(2.4)	1.2	95	92	80	69	66	96	83	0.1	0.4	—	—	—	6.4	6.9	●	◎,ᔕ,●
21	8.1	—	(4.8)	1.5	93	97	77	52	73	89	80	12.3	4.0	—	—	—	—	16.3	◎,●,◷	◎
22	11.3	509	5.3	1.9	87	73	66	61	63	69	70	0.2	0.1	—	0.0	—	—	0.3	●,◤	◎,◤
23	8.8	367	5.2	1.8	86	82	49	47	56	78	66	—	—	—	—	—	—	—	⊟,⊔,◎,=,◤	◎
24	10.6	383	3.6	1.5	90	93	52	47	54	83	70	—	—	—	—	—	—	—	⊟,⊔,ᔕ,◎	◎
25	7.0	328	(2.8)	1.6	93	88	52	52	64	68	70	—	—	—	—	—	—	—	⊟,⊔,ᔕ,◎	◎,ᔕ,ϑ
26	—	122	(0.7)	0.5	88	92	83	91	94	97	91	1.1	1.6	1.6	2.0	1.1	0.2	7.6	ϑ,●	●
27	7.0	366	3.1	1.2	97	97	81	63	69	89	83	0.3	0.6	0.1	0.0	—	—	1.0	●	◎,●,⊅
28	11.6	462	(3.6)	1.8	95	97	56	51	76	86	77	—	—	—	—	—	—	—	⊟,⊔,ᔕ,◎	◎,◤,◷
29	—	95	(1.3)	0.5	94	95	92	93	98	96	95	—	0.0	1.4	2.4	2.0	0.8	6.6	⊅,●,=	●,◁
30	9.3	392	5.5	2.4	99	99	48	52	65	76	73	0.1	0.1	—	—	0.0	—	0.2	ᔕ,◎,●,≡	◎,ᔕ,●,◤
	180.9	8304	104.4	45.3	87	88	62	60	70	82	75	17.0	8.8	6.1	8.2	6.9	12.2	59.2		

MAY, 1952.

Day	STATION PRESSURE (1000mb+)							M.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	7.1	8.3	8.2	6.0	9.1	12.4	8.5	15.0	16.1	15.8	13.6	16.8	20.2	16.3	6.4	7.3	16.8	18.2	12.9	7.8	11.6
2	12.6	13.8	13.1	10.2	10.2	10.8	11.8	20.5	21.6	20.7	17.6	17.7	18.4	19.4	5.6	8.9	15.1	19.3	15.8	9.8	12.4
3	9.4	8.8	7.7	4.4	4.4	5.9	6.8	17.2	16.7	15.2	11.8	11.8	13.5	14.4	6.4	6.8	18.3	24.1	18.5	14.3	14.7
4	5.1	4.1	3.2	0.7	0.6	1.6	2.6	12.7	11.8	10.6	8.1	8.0	9.1	10.1	12.1	12.6	21.2	20.9	17.0	13.5	16.2
5	999.4	1.2	1.6	1.2	5.2	8.4	2.8	7.0	8.8	9.2	8.8	12.9	16.3	10.5	12.5	9.6	11.5	12.0	9.2	6.6	10.2
6	9.0	11.1	12.2	11.0	12.0	15.0	11.7	16.9	19.0	19.8	18.4	19.7	22.9	19.5	3.1	6.3	14.7	19.5	15.3	7.6	11.1
7	14.9	14.7	12.7	9.7	8.1	7.4	11.3	22.9	22.6	20.3	16.9	15.7	15.1	18.9	3.0	4.4	18.7	23.4	16.7	12.2	13.1
8	4.4	5.9	8.4	7.9	10.4	15.3	8.7	12.1	13.6	16.0	15.5	18.0	23.1	16.4	10.1	11.1	13.0	16.5	11.7	7.9	11.7
9	16.3	18.0	17.0	15.0	15.7	16.9	16.5	24.3	**26.1**	24.6	22.4	23.4	24.8	24.3	1.9	2.5	15.3	18.7	12.8	7.3	9.8
10	15.4	15.5	13.0	9.7	9.0	7.8	11.7	23.4	23.4	20.6	17.1	16.5	15.5	19.4	6.5	7.4	17.9	19.1	15.0	12.4	13.1
11	4.3	2.6	1.4	999.3	998.1	0.3	1.0	12.0	10.2	8.9	6.9	5.6	7.9	8.6	11.7	12.3	14.5	17.8	17.2	11.8	14.2
12	0.4	0.6	998.6	995.4	997.4	2.6	999.2	8.0	8.2	6.1	2.7	4.8	10.4	6.7	10.5	10.9	18.7	21.4	14.8	10.0	14.4
13	5.1	6.6	7.3	5.8	6.2	7.8	6.5	12.9	14.5	14.8	13.3	13.8	15.7	14.2	5.3	4.9	15.2	16.7	13.9	5.5	10.3
14	7.0	6.4	3.0	999.2	997.3	996.9	1.6	14.9	14.2	10.5	6.5	4.6	4.3	9.2	2.2	4.6	19.3	27.1	21.3	16.6	15.2
15	998.2	3.5	6.6	7.7	9.4	11.2	6.1	5.8	11.1	14.2	15.3	17.1	19.0	13.8	13.8	11.7	13.5	13.6	9.7	6.7	11.5
16	11.6	10.7	7.8	6.1	7.2	8.9	8.7	19.6	18.6	15.4	13.6	14.8	16.7	16.5	3.2	5.7	16.0	18.5	14.3	7.4	10.9
17	9.0	10.5	10.3	7.4	9.1	11.9	9.7	17.0	18.3	17.7	14.8	16.7	19.8	17.4	2.3	5.1	17.7	21.5	15.2	7.6	11.6
18	11.5	12.7	11.3	9.3	10.2	10.6	10.9	19.5	20.6	18.7	16.6	17.6	18.2	18.5	2.1	5.2	19.4	21.3	16.7	12.1	12.8
19	9.0	9.1	9.2	8.5	8.7	9.6	9.0	16.7	16.8	16.7	16.0	16.2	17.1	16.6	10.1	11.9	18.3	20.2	17.5	15.7	15.6
20	7.4	6.9	5.4	3.1	1.3	0.4	4.1	15.0	14.6	12.8	10.6	8.7	7.9	11.6	14.2	14.2	17.9	19.1	16.8	16.5	16.5
21	999.0	998.9	0.8	999.9	1.8	5.2	0.9	6.5	6.5	8.1	7.1	9.2	12.8	8.4	15.5	16.1	21.1	25.0	21.4	12.3	18.6
22	5.4	6.6	5.7	3.0	3.3	4.2	4.7	13.1	14.4	13.0	10.3	10.7	11.8	12.2	8.5	10.4	21.3	23.2	18.4	13.3	15.9
23	1.8	0.5	999.1	995.0	**994.5**	995.7	997.8	9.4	8.1	6.5	2.2	**1.7**	3.2	5.2	11.8	12.5	20.7	24.7	20.9	13.4	17.3
24	996.7	999.2	998.8	997.9	999.4	3.4	999.2	4.3	6.8	6.2	5.3	7.0	11.0	6.8	12.1	13.5	18.0	18.8	13.5	10.4	14.4
25	4.5	6.1	7.5	7.5	10.2	12.4	8.0	12.2	13.7	15.1	15.0	17.7	20.1	15.6	9.2	11.1	15.3	16.9	13.6	10.6	12.8
26	12.7	14.2	13.6	11.8	11.7	11.0	12.5	20.5	21.9	21.0	19.2	19.2	18.6	20.1	7.8	10.3	18.9	21.5	17.8	12.6	14.8
27	10.6	10.1	8.7	6.3	4.3	3.1	7.2	18.3	17.6	16.3	13.8	11.8	10.6	14.7	11.3	12.1	16.9	17.4	15.7	15.5	14.8
28	0.4	998.7	997.8	995.7	996.8	998.9	998.1	7.9	6.3	5.1	3.0	4.2	6.4	5.5	14.0	14.1	18.7	22.2	19.1	16.3	17.4
29	0.4	1.8	3.1	4.2	6.1	7.7	3.9	8.0	9.3	10.5	11.6	13.5	15.3	11.4	14.8	15.4	20.1	21.9	18.7	12.9	17.3
30	7.4	6.9	4.6	2.9	0.8	0.4	3.8	15.1	14.6	12.2	10.5	8.4	8.0	11.5	10.7	12.1	15.6	15.0	14.1	13.1	13.4
31	0.6	0.4	0.3	0.0	1.3	2.7	0.9	8.4	8.0	7.8	7.4	8.7	10.2	8.4	12.2	12.1	15.4	20.2	16.8	15.6	15.4
Mean	6.3	6.9	6.4	4.6	5.2	6.7	6.0	14.1	14.6	13.9	12.0	12.7	14.3	13.6	8.7	9.8	17.3	19.9	15.9	11.5	13.8

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	18.7	4.3	11.5	14.4	SE	1.1	—	0.4	NW	7.3	W	7.6	NNW	4.2	NNW	1.1	3.6	3.9
2	20.9	4.3	12.6	16.6	NNE	0.9	NNW	5.0	NNW	6.3	—	0.4	S	1.1	SSE	5.0	3.1	4.1
3	24.6	5.4	15.0	19.2	—	0.2	W	0.9	N	2.4	E	0.7	NW	4.8	NNE	0.7	1.6	2.0
4	23.8	11.6	17.7	12.2	NW	2.2	—	0.0	NNW	3.8	NNW	5.4	S	2.0	SE	3.8	2.9	1.8
5	12.4	4.2	8.3	8.2	NW	1.5	WNW	4.8	NW	5.4	SE	2.8	SSE	5.5	—	0.0	3.3	3.7
6	20.2	1.8	11.0	18.4	—	0.4	N	1.3	NNW	5.0	WNW	5.5	SSW	2.6	S	3.2	3.0	3.5
7	23.7	1.6	12.7	22.1	—	0.0	NW	0.7	SE	3.6	SE	9.4	SE	7.1	SSE	3.4	4.0	4.1
8	17.2	4.1	10.7	13.1	S	2.0	ENE	2.8	WNW	5.0	W	13.9	WNW	11.0	WNW	3.6	6.4	5.9
9	19.3	-0.7	9.3	20.0	NNW	0.7	W	0.7	E	1.7	SSE	10.5	SSE	8.4	SSE	2.8	4.1	4.0
10	21.9	5.8	13.9	16.1	NNW	1.5	NW	0.9	SSE	3.4	SSE	9.1	SE	6.1	SE	7.4	4.7	3.8
11	19.6	10.9	15.3	8.7	SSE	6.5	SSE	4.2	ESE	2.2	NNW	5.0	WNW	5.0	ESE	1.3	4.0	3.6
12	22.7	7.5	15.1	15.2	NNW	2.4	—	0.0	N	2.8	WNW	4.6	NW	2.8	NW	3.0	2.6	3.4
13	17.5	0.5	9.0	17.0	NNW	4.2	E	0.9	WNW	4.6	NW	5.7	N	2.8	—	0.2	3.1	3.1
14	27.1	0.8	14.0	26.3	—	0.0	—	0.2	SE	4.0	WSW	11.2	WSW	11.2	N	3.4	5.0	4.7
15	15.2	5.7	10.5	9.5	WNW	5.7	W	12.0	WNW	9.6	WNW	10.0	WNW	6.7	NW	4.6	8.1	8.0
16	19.2	2.0	10.6	17.2	SE	1.5	—	0.2	W	5.2	W	10.7	WNW	4.8	SSE	3.4	4.3	3.8
17	22.6	1.4	12.0	21.2	NW	2.2	NNW	1.3	ENE	1.3	S	1.1	SE	6.5	SE	3.2	2.6	2.8
18	21.8	0.6	11.2	21.2	WSW	1.1	—	0.4	SSE	6.5	SE	10.7	SSE	8.7	S	2.8	5.0	4.7
19	20.3	9.8	15.1	10.5	WNW	1.1	—	0.0	ESE	0.9	—	0.4	—	0.0	—	0.2	0.4	0.9
20	20.6	12.5	16.6	8.1	—	0.2	—	0.4	SW	2.6	SSE	4.4	SSE	6.3	SSE	0.9	2.5	3.3
21	25.8	10.5	18.2	15.3	NW	3.0	NNW	3.4	NNW	6.7	NNW	5.7	W	3.4	NE	0.9	3.9	3.9
22	24.2	7.4	15.8	16.8	WNW	0.9	ESE	1.3	SSE	3.2	SSE	10.3	SSE	7.1	SE	0.9	4.0	3.6
23	25.3	11.5	18.4	13.8	NNW	0.9	—	0.4	SE	4.0	SSE	2.6	SE	1.7	—	0.4	1.7	1.9
24	19.1	10.0	14.6	9.1	NE	3.8	NNE	1.1	NE	2.6	E	0.7	NW	4.0	NNW	4.2	2.7	2.7
25	17.1	8.1	12.6	9.0	N	3.0	WNW	6.5	WNW	10.0	WNW	8.7	WNW	5.5	—	0.2	5.7	5.7
26	21.9	6.2	14.1	15.7	—	0.2	—	0.0	NE	1.5	SSE	5.7	SSE	7.1	SSW	1.7	2.7	3.0
27	18.4	10.1	14.3	8.3	SSW	3.0	—	0.4	SSE	5.4	SSE	8.5	SSE	8.0	SSE	4.2	4.9	4.7
28	23.0	13.6	18.3	9.4	SSE	2.0	—	0.4	NE	0.9	—	0.0	WNW	5.2	WSW	2.2	1.8	1.9
29	22.5	12.2	17.4	10.3	W	5.0	WNW	10.3	NW	8.0	W	8.7	W	1.7	SW	1.1	5.8	5.4
30	19.4	9.8	14.6	9.6	NW	0.9	NE	0.7	S	1.1	SE	5.4	SSE	1.5	SSW	2.4	2.0	2.8
31	21.7	11.5	16.6	10.2	SE	3.2	SSE	3.4	SE	6.9	WSW	10.8	WSW	2.6	WSW	4.6	5.3	4.5
Mean	20.9	6.6	13.8	14.3		2.0		2.1		4.3		6.3		5.0		2.5	3.7	3.7

MAY, 1952.

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	8.4	9.3	11.9	10.4	9.5	8.5	9.7	0	0	6	8	3	1	3.0	—	—	—	—	—	—	—	—	cu	—	—	sc	—	—	sc	—	—	sc
2	8.2	8.6	8.4	8.1	9.1	9.8	8.7	0	0	0	4	8	10	3.7	—	—	—	—	—	—	ci	—	—	ci	—	—	—	ac	sc	cs	—	—
3	8.7	8.9	9.8	9.1	10.5	10.6	9.6	10	9	10	10	10	10	9.8	—	as	—	cs,ci	—	sc	ci,cs	—	—	cs,cc	—	—	cs,cc	—	—	—	as	—
4	11.9	12.2	12.8	13.3	12.2	12.5	12.5	10	10	10	10	10	10	10.0	—	as	—	—	—	sc	—	ac	—	—	as	—	—	as	—	—	—	st
5	12.9	10.1	10.4	12.3	10.1	9.2	10.8	10	10	10	10	10	2	8.7	—	—	st	—	—	st	—	—	sc	—	—ns,sc		—	—ns,sc		—	—	sc
6	7.5	9.3	8.8	10.6	8.9	8.4	8.9	10	0	0	0	1	0	1.8	—	—	≡	—	—	sc	—	—	cu	—	—	cu	ci	—	—	—	—	—
7	7.3	8.0	9.7	10.9	11.4	12.5	10.0	0	0	1	10	10	10	5.2	—	—	—	ci	—	—	ci	—	—	cs	—	—	cs	—	—	cs	—	—
8	12.1	12.8	9.5	6.9	5.9	7.0	9.0	8	10	9	3	4	0	5.7	—	ac	—	—	—	sc	cs	ac	sc	—	ac	sc	cs	ac	—	—	—	—
9	6.4	6.6	5.5	6.7	6.8	8.6	6.8	0	2	0	8	10	10	5.0	—	—	—	—	ac	—	—	—	—	ci,cs	—	—	ci,cs	—	—	cs	—	—
10	8.5	8.9	10.4	13.1	13.8	13.4	11.4	10	9	8	10	10	10	9.5	—	as	—	cs,ci	—	—	cs,ci	—	—	—	as	sc	—	—	ns	—	—	ns
11	13.1	13.8	15.5	15.5	14.4	12.4	14.1	10	10	10	9	4	2	7.5	—	—	ns	—	—	ns	—	—	ns	—	—	sc	—	—	sc	—	—	sc
12	10.9	12.0	12.4	12.7	10.8	6.7	10.9	3	4	0	2	2	0	1.8	—	—	cu	—	—	sc	—	—	cu	—	—	cu	—	—	sc	cs	—	—
13	5.9	6.8	6.5	8.0	6.5	7.0	6.8	0	0	1	0	0	0	0.2	—	—	—	—	—	—	—	—	cu	—	—	cu	—	ac	—	—	—	—
14	6.4	7.5	11.0	10.8	8.5	9.9	9.0	0	0	0	1	8	4	2.2	—	—	—	—	—	—	—	—	—	—	ac	—	cs	ac	—	cs	—	—
15	11.7	7.6	6.6	7.4	6.5	6.6	7.7	6	2	5	4	8	0	4.2	—	—	sc	—	—	cu	—	—	cu	—	—	cu	ci,cs	—	cu	—	—	—
16	6.5	7.5	6.5	7.5	7.2	7.2	7.1	8	7	8	1	8	0	5.3	ci,cs	—	—	cs,cc	—	cu	cs	ac	cu	—	—	cu	ci	—	—	—	—	—
17	6.3	7.4	6.4	6.6	8.6	7.8	7.2	0	0	0	2	2	0	0.7	—	—	—	—	—	—	—	—	—	—	—	sc	—	—	sc	—	—	—
18	6.6	8.0	7.8	8.6	11.2	11.0	8.9	0	0	0	0	1	5	1.0	—	—	—	—	—	—	—	—	—	—	—	—	cc,ci	—	—	cs	—	—
19	10.9	11.8	14.3	15.7	16.6	15.5	14.1	10	10	10	10	10	10	10.0	—	as	—	—	ac	—	—	as	sc	—	as	—	—	as	st	—	—	st
20	15.2	15.0	16.7	20.1	18.2	18.4	17.3	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	st	—	—	ns	—	—	ns	—	—	ns
21	17.3	17.9	16.8	15.0	15.5	12.4	15.8	10	10	4	0	0	0	4.0	—	—	ns	—	—	ns	—	—	cu	—	—	cu	ci	—	—	—	—	—
22	10.5	11.9	15.0	16.8	15.0	14.0	13.9	0	0	0	10	10	9	4.8	—	—	—	ci	—	—	—	—	—	cs	—	—	cs	—	—	cs	—	—
23	13.1	13.5	14.9	13.5	15.1	13.6	14.0	10	10	8	7	7	0	7.0	—	—	sc	—	—	st	cs	—	sc	cs	—	cu	cs	—	sc	—	—	—
24	11.9	12.4	12.2	13.2	12.9	9.6	12.0	0	0	10	10	10	10	6.7	—	—	—	—	—	—	cs	—	—	—	—	sc	—	—ns,sc		—	—	sc
25	9.5	9.1	11.5	10.3	10.6	10.3	10.2	10	1	6	2	8	1	4.7	—	—	st	—	—	cu	—	—	sc	—	—	cu	—	—	sc	—	—	sc
26	9.2	11.0	12.5	10.4	10.9	13.5	11.3	0	10	7	2	6	10	5.8	—	—	—	cs	—	—	cs	—	cu	cs	—	cu	ci	ac	—	cs	—	sc
27	12.5	13.5	15.3	15.8	15.5	15.5	14.7	10	10	10	10	10	10	10.0	—	ac	—	—	—	sc	—	as	sc	—	as	st,sc	—	—	ns	—	—	st
28	15.0	15.1	15.9	16.9	15.2	14.1	15.4	10	10	10	10	7	7	9.0	—	—	st	—	as	st	cs	ac	st	cs	—	sc	cc	—	sc	—	—	sc
29	12.0	11.3	10.8	11.4	12.3	12.3	11.7	2	2	1	0	10	10	4.2	—	—	sc	—	—	sc	—	—	cu	—	—	—	cs	ac	—	—	ac	—
30	11.1	12.5	12.4	14.8	15.6	14.6	13.5	10	10	10	10	10	10	10.0	—	ac	—	cs	ac	sc	—	as	sc	—	—	ns	—	as	ns	—	—	ns
31	13.9	13.6	14.9	14.3	14.6	13.1	14.1	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	sc	cs	—	sc	cs	—sc,st		—	—	sc
Mean	10.4	10.8	11.4	11.5	11.6	11.2	11.2	5.7	5.4	5.6	5.9	7.0	5.5	5.9																		

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	10.8	398	5.9	2.7	88	91	62	50	64	81	73	—	—	—	—	—	—	—	◺, ◊	◊
2	12.2	488	5.8	2.2	90	75	49	36	51	81	64	—	—	—	—	—	—	—	◺	◊, ⊽
3	9.9	413	5.3	2.7	90	90	47	30	49	65	62	—	—	—	—	—	—	—	◊, ≤	◊, ≤
4	1.9	237	(3.3)	1.9	85	83	51	54	63	81	70	—	—	—	0.0	—	0.1	0.1	◊, ≤	≤, ●
5	0.3	186	(2.2)	1.0	89	84	77	88	87	95	87	—	—	—	1.0	0.0	0.3	1.3	◊, ●	●, ⊤
6	12.7	505	6.2	2.2	98	98	53	47	51	80	71	—	—	—	—	—	—	—	◊, ≡	◊, ◺
7	10.8	408	6.5	3.1	97	96	45	38	60	88	71	—	—	—	—	—	—	—	◺, ⊔, ≤, ◊	◊, ⊽, ◤
8	6.1	276	6.6	3.2	98	96	64	37	43	66	67	—	0.0	—	—	—	—	0.0	◊, ●, ◤	◊, ◤
9	12.4	399	6.8	2.8	92	90	32	31	46	84	63	—	—	—	—	—	—	—	⊔, ⊞, ◊	◊, ⊽, ◤
10	7.2	310	(3.7)	1.7	88	87	51	59	81	93	77	—	—	—	—	0.0	2.9	2.9	◊, ≤	●, ◤
11	3.6	243	(3.7)	1.2	95	97	94	76	73	90	88	4.5	1.8	3.4	0.2	—	—	9.9	●, ◤	◊, ●
12	11.8	480	6.6	2.5	86	92	57	50	64	55	67	—	—	—	—	—	—	—	◺, ◊	◊, ≤, ◺
13	12.7	513	6.7	2.8	67	78	38	42	41	78	57	—	—	—	—	—	—	—	◺, ◊	◊
14	12.1	420	10.4	5.5	89	89	49	30	34	52	57	—	—	—	—	—	—	—	◺, ◊, =	◊, ◤
15	12.2	437	6.6	3.0	74	55	43	47	54	67	57	—	—	—	—	—	—	—	◊, ◤	◊, ◤
16	11.4	412	7.0	3.2	85	82	36	35	44	70	59	—	—	—	—	—	—	—	◺, ≤, ◊	◊, ◤
17	12.4	381	6.9	2.7	87	84	32	26	50	74	59	—	—	—	—	—	—	—	◊	◊, ◤
18	12.7	402	7.0	3.3	94	90	35	34	59	78	65	—	—	—	—	—	—	—	⊔, ◊, ≤	◊, ≤, ◤
19	0.3	154	(1.3)	0.8	88	84	68	67	83	87	80	—	—	—	0.1	—	—	0.1	≤, ●	≤, ●
20	—	119	(3.2)	0.8	94	93	82	91	95	98	92	—	—	—	0.4	4.0	7.6	12.0	=	●
21	8.7	422	6.4	2.4	98	98	67	47	61	87	76	15.9	6.1	0.0	—	—	—	22.0	◊, ●	◊, ◺
22	11.8	420	6.2	2.4	95	94	59	59	71	91	78	—	—	—	—	—	—	—	◺◺◺, ◊	◤
23	9.8	438	6.2	2.3	94	93	61	44	61	88	74	—	—	—	—	—	—	—	◺◺	◊
24	4.7	287	(3.3)	1.9	85	80	59	61	83	76	74	—	—	—	0.0	7.7	—	7.7	◺◺, ◊, ≤	◊, ●
25	11.9	526	5.8	2.3	82	69	66	53	68	80	70	—	—	—	—	—	—	—	◊, ◤	◊, ◤
26	12.4	464	—	2.4	87	88	57	40	54	93	70	—	—	—	—	—	—	—	◺◺, ◊	◊
27	—	129	(2.5)	1.0	93	95	79	79	87	88	87	—	—	—	—	0.1	—	0.1	—	●, ◤
28	4.7	348	6.5	3.2	94	94	74	63	69	76	78	—	—	—	—	—	—	—	◺◺	◊
29	12.5	486	6.5	3.2	71	64	46	43	57	83	61	—	—	—	—	—	—	—	◊, ◤	◊
30	0.4	144	(0.6)	0.7	86	89	70	87	97	97	88	—	—	0.0	0.2	4.5	7.4	12.1	◺, ◊, ●	●, ⊼, ⊤, ◤
31	5.0	360	4.5	1.5	98	97	85	60	77	74	82	6.0	—	0.2	—	—	—	6.2	●	◤
	255.3	10799	160.2	72.6	89	87	58	52	64	81	72	26.4	7.9	3.6	1.9	16.3	18.3	74.4		

JUNE, 1952.

Day	STATION PRESSURE (1000mb+)							M.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	2.6	4.0	4.8	3.6	4.6	6.1	4.3	10.2	11.7	12.3	11.0	12.1	13.7	11.8	13.5	13.7	17.0	19.5	14.9	12.5	15.2
2	4.7	3.1	1.7	1.5	2.1	2.9	2.7	12.4	10.7	9.2	9.0	9.6	10.5	10.2	11.5	11.9	14.3	14.6	13.8	11.5	12.9
3	3.2	5.2	4.3	3.9	5.3	6.9	4.8	10.9	12.8	11.8	11.4	12.7	14.5	12.4	10.6	10.9	19.2	21.3	15.8	12.9	15.1
4	5.4	4.7	3.0	0.0	998.1	996.7	1.3	13.1	12.3	10.6	7.6	5.5	4.2	8.9	11.5	12.1	13.9	16.2	15.7	15.6	14.2
5	995.7	995.9	997.5	996.6	998.5	0.3	997.4	3.2	3.5	4.7	3.8	5.8	7.8	4.8	15.6	16.0	21.4	25.3	21.3	16.5	19.4
6	0.0	1.8	2.7	1.2	999.2	999.5	0.7	7.7	9.4	10.2	8.7	6.6	7.0	8.3	12.0	13.1	16.7	17.9	19.1	17.1	16.0
7	999.8	1.7	2.6	2.4	3.4	4.5	2.4	7.3	9.2	10.0	9.7	10.7	12.0	9.8	15.5	15.7	20.0	22.9	19.3	14.9	18.1
8	4.5	5.5	5.1	2.7	3.8	3.9	4.3	12.2	13.1	12.5	10.0	11.4	11.5	11.8	11.5	14.1	19.8	22.9	16.0	14.1	16.4
9	2.9	3.1	2.6	0.6	0.8	2.0	2.0	10.5	10.7	10.1	7.9	8.2	9.5	9.5	12.7	13.7	17.5	21.2	18.2	15.1	16.4
10	1.0	999.5	998.5	996.4	994.6	997.1	997.9	8.6	7.0	6.0	3.9	2.1	4.6	5.4	13.7	15.2	15.6	17.4	18.5	17.3	16.3
11	998.1	999.0	0.1	999.0	996.6	997.0	998.3	5.7	6.5	7.5	6.4	3.9	4.4	5.7	14.7	16.1	20.9	23.3	21.2	17.7	19.0
12	994.6	993.1	993.8	995.1	996.8	999.3	995.5	2.1	0.6	1.2	2.5	4.2	6.8	2.9	16.1	15.4	16.7	18.9	19.4	16.1	17.1
13	999.7	1.0	0.6	999.5	0.1	1.2	0.4	7.1	8.4	7.9	6.8	7.4	8.7	7.7	15.5	17.6	22.3	25.2	22.7	17.1	20.1
14	0.6	0.9	0.4	998.8	997.6	999.4	999.6	8.2	8.5	7.8	6.0	4.7	6.9	7.0	12.2	13.5	19.6	25.9	24.8	17.8	19.0
15	999.8	0.8	1.1	0.6	2.9	5.3	1.8	7.4	8.3	8.4	7.9	10.4	14.2	9.4	14.8	15.9	23.2	23.2	17.1	14.7	18.2
16	4.5	4.5	3.8	2.5	1.7	3.2	3.4	12.1	12.1	11.4	10.0	9.2	10.7	10.9	13.4	13.9	16.8	17.2	17.1	16.4	15.8
17	3.1	5.0	6.0	4.7	5.3	6.8	5.2	10.6	12.4	13.3	12.0	12.5	14.2	12.5	15.1	18.3	23.2	26.3	25.0	18.4	21.1
18	5.9	4.4	2.4	999.1	999.0	0.1	1.8	13.4	11.9	9.7	6.4	6.2	7.5	9.2	16.7	17.0	21.7	26.0	22.9	20.8	20.9
19	0.1	0.2	0.8	999.3	998.2	998.2	999.5	7.5	7.6	8.2	6.6	5.6	5.7	6.9	18.3	19.0	20.0	20.7	19.7	19.1	19.5
20	998.4	998.6	999.7	997.9	998.5	998.7	998.6	5.8	6.1	7.0	5.1	5.7	6.1	6.0	17.6	17.3	23.7	25.6	23.5	19.1	21.1
21	998.7	998.7	998.8	998.4	0.5	3.5	999.8	6.1	6.1	6.1	5.6	7.9	11.0	7.1	17.5	17.9	24.5	25.0	20.5	16.3	20.3
22	3.8	5.6	6.1	5.1	5.0	6.5	5.4	11.3	13.0	13.4	12.3	12.4	14.0	12.7	16.7	16.9	20.9	23.9	18.6	16.9	19.0
23	6.4	6.2	7.4	6.0	5.9	4.5	6.1	13.9	13.7	14.8	13.4	13.4	12.0	13.5	15.8	16.8	19.3	20.2	18.1	16.8	17.8
24	1.1	997.7	998.5	2.6	5.0	7.2	2.0	8.6	5.1	5.8	10.1	12.4	14.7	9.5	16.3	16.7	19.5	19.0	19.1	17.9	18.1
25	8.3	10.2	10.9	9.6	9.6	11.6	10.0	15.8	17.7	18.3	16.8	16.9	19.2	17.5	16.7	16.2	19.5	24.1	21.7	15.6	19.0
26	10.5	10.6	10.5	7.4	6.6	6.7	8.7	18.1	18.1	17.9	14.6	14.0	14.2	16.2	13.3	14.9	20.3	24.7	22.4	19.1	19.1
27	5.7	6.2	4.6	2.3	1.8	3.4	4.0	13.1	13.6	11.9	9.4	9.0	10.9	11.3	18.4	18.9	24.1	28.1	25.0	20.1	22.4
28	2.7	2.9	2.7	0.8	0.6	2.4	2.0	10.1	10.3	10.1	7.9	7.9	9.8	9.4	18.5	18.6	23.8	27.5	23.9	20.3	22.1
29	1.4	2.6	2.1	0.5	0.7	0.6	1.3	8.9	10.1	9.3	7.6	8.0	7.9	8.6	18.2	17.5	25.7	29.6	24.1	20.2	22.6
30	999.0	999.0	995.8	993.3	993.2	992.7	995.5	6.5	6.4	3.1	0.5	0.4	999.9	2.8	19.5	18.9	20.7	23.3	23.3	21.6	21.2
Mean	2.1	2.4	2.3	1.0	1.2	2.3	1.9	9.6	9.9	9.7	8.4	8.6	9.8	9.3	15.1	15.8	20.1	22.6	20.1	17.0	18.4

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	19.9	12.0	16.0	7.9	NE	2.8	W	2.4	WNW	2.2	NNW	3.8	SSE	6.1	S	3.4	3.5	3.4
2	14.7	11.3	13.0	3.4	SSE	3.6	SSE	2.6	S	1.5	S	2.6	—	0.4	N	3.0	2.3	2.3
3	22.0	9.2	15.6	12.8	N	1.3	WNW	1.3	NW	2.4	ESE	2.0	SSE	7.4	SE	4.2	3.1	3.7
4	17.1	11.3	14.2	5.8	SSE	2.2	S	3.6	SSW	4.6	SW	3.4	SE	6.5	SSW	2.4	3.8	3.1
5	27.0	14.8	20.9	12.2	SE	2.8	WSW	0.9	NW	1.1	NE	0.7	SSE	5.7	E	2.4	2.3	2.5
6	19.8	11.4	15.6	8.4	—	0.2	—	0.0	WNW	2.0	NW	2.0	N	1.3	SSW	3.6	1.5	1.8
7	23.1	11.9	17.5	11.2	ESE	1.7	NNE	0.7	N	1.7	WNW	6.1	WNW	4.0	NNW	1.7	2.7	2.9
8	23.7	10.7	17.2	13.0	ESE	1.7	—	0.4	WNW	1.3	SSE	6.5	SE	5.9	SSE	1.7	2.9	3.0
9	21.3	11.6	16.5	9.7	—	0.0	—	0.0	SSE	2.0	SE	4.2	SE	5.7	SSE	2.8	2.5	2.7
10	19.4	13.7	16.6	5.7	SE	2.8	SE	1.1	S	3.2	SSW	3.2	—	0.0	W	2.6	2.2	2.6
11	25.0	13.8	19.4	11.2	NNE	2.2	ESE	2.0	N	3.0	NNE	1.7	SSE	6.5	SSE	4.6	3.3	2.8
12	20.8	14.2	17.5	6.6	NNW	2.8	NW	4.4	NNW	2.8	NNW	5.5	NW	3.0	NNW	2.4	3.5	3.2
13	25.3	14.0	19.7	11.3	NW	3.2	NNW	1.3	NNW	5.7	NW	7.3	NW	4.4	NE	2.0	4.0	3.4
14	27.7	12.0	19.9	15.7	—	0.2	—	0.2	—	0.2	SE	0.7	—	0.0	N	2.4	0.6	1.0
15	26.0	13.4	19.7	12.6	NE	1.3	NNW	1.3	W	1.7	SE	9.6	SSE	8.0	S	5.7	4.6	3.8
16	17.6	13.1	15.4	4.5	SSE	3.4	S	2.4	SE	2.4	—	0.2	NE	0.9	N	0.7	1.7	1.8
17	27.3	14.0	20.7	13.3	—	0.4	NNW	0.7	NNW	6.7	NNW	2.8	SW	2.8	SSW	2.0	2.6	2.5
18	26.7	15.2	21.0	11.5	—	0.0	—	0.0	—	0.2	S	5.4	SSE	2.4	S	3.8	2.0	2.5
19	23.9	18.1	21.0	5.8	—	0.0	—	0.0	NE	1.3	SSW	5.2	WNW	1.7	—	0.4	1.4	2.1
20	26.3	16.5	21.4	9.8	N	1.1	SSE	1.5	NNW	1.1	SE	2.8	NNW	0.7	S	1.5	1.5	1.4
21	26.2	16.0	21.1	10.2	NNW	1.3	NE	2.0	WNW	5.7	WNW	5.9	NW	6.7	NE	2.2	4.0	3.6
22	24.5	15.1	19.8	9.4	NNW	3.0	N	0.7	NNW	3.4	S	1.5	SE	6.9	SE	3.8	3.2	3.2
23	20.9	15.6	18.3	5.3	NW	1.5	SW	1.3	S	4.2	S	4.0	S	3.2	SE	2.0	2.7	2.6
24	19.7	16.3	18.0	3.4	NW	1.5	NW	4.6	NNW	5.5	NNW	2.4	—	0.0	WSW	1.3	2.6	2.4
25	24.6	14.2	19.4	10.4	SSE	2.4	SSE	3.8	S	4.6	S	4.4	SSE	6.1	SSE	2.2	3.9	3.9
26	25.4	12.3	18.9	13.1	—	0.0	—	0.0	S	2.8	S	4.2	SSE	5.5	S	2.2	2.5	2.9
27	28.5	18.2	23.4	10.3	—	0.0	NW	0.7	W	1.1	NNW	4.8	NNW	2.2	NE	2.4	1.9	2.1
28	28.2	17.3	22.8	10.9	—	0.0	N	1.3	NW	2.6	N	0.9	SSE	5.5	SW	1.5	2.0	1.6
29	30.0	17.2	23.6	12.8	—	0.4	NNW	1.3	NNE	1.3	SSE	2.6	SE	4.8	SE	3.8	2.4	2.6
30	24.1	18.9	21.5	5.2	S	1.3	SSE	1.1	SSE	4.0	SSE	5.9	—	0.0	SW	1.1	2.2	2.5
Mean	23.6	14.1	18.8	9.4		1.5		1.5		2.7		3.7		3.8		2.5	2.6	2.7

JUNE, 1952.

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	13.2	13.4	13.5	13.9	13.4	13.2	13.4	10	9	5	8	8	10	8.3	—	—	sc	—	—	sc	cs,ci	—	sc	cs	—	sc	cs	—	sc	—	—	sc
2	12.3	12.7	13.0	13.4	14.6	11.4	12.9	10	10	10	10	10	10	10.0	—	—	sc	—	—	sc	—	as	sc	—	as	st	—	as	ns	—	as	—
3	10.9	10.9	15.5	15.9	14.8	12.9	13.5	5	1	8	10	5	10	6.5	—	—	st	—	—	sc	ci	—	cu	cs	—	cu	—	—	sc	—	—	st
4	12.3	12.7	14.4	15.7	17.1	17.2	14.9	8	10	10	10	10	10	9.7	—	—	st	—	—	st	—	—	sc	—	—	sc	—	—	ns	—	—	ns
5	17.5	17.5	19.0	16.8	18.1	17.1	17.7	10	10	1	3	4	3	5.2	—	—	ns	—	—	st	—	—	cu	—	—	cu	ci	—	cu	ci	ac	—
6	13.1	14.3	16.3	16.9	17.2	17.6	15.9	0	10	10	10	7	10	7.8	—	—	—	—	as	sc	—	ac	sc,st	—	as	ns	cs	ac	sc	—	—	st
7	17.1	17.5	16.4	16.0	14.5	13.2	15.8	9	10	8	4	1	1	5.5	—	—	sc	—	—	sc,≡	—	—	sc	—	—	sc	—	—	sc	cs	—	—
8	12.5	12.8	13.3	17.0	13.8	13.4	13.8	5	3	10	10	10	10	8.0	cs	—	—	cc,ci	—	sc	cs,ci	—	cu	cs	—	cu	cs	—	cu	—	—	sc
9	13.2	13.7	15.2	15.8	14.9	15.8	14.8	10	10	10	5	9	10	9.0	—	—	sc	—	as	sc	—	as	cu	—	—	cu	—	—	sc	cs	—	sc
10	15.0	16.0	17.2	19.1	19.3	16.2	17.1	10	10	10	10	8	8	9.3	—	—	st	—	—	st	—	—	ns	—	—	ns	cs	—	sc	cs	—	sc
11	13.4	13.3	13.7	16.2	16.6	15.4	14.8	10	2	3	8	10	10	7.2	cs	—	sc	cs	—	sc	cs	—	sc	ci,cs	—	cu	ci,cs	—	cu	—	as	—
12	16.9	16.8	15.6	15.5	15.4	14.8	15.8	10	10	10	8	5	0	7.2	—	as	ns	—	—	ns	—	—	ns	cs,cc	—	cu	—	ac	—	—	—	—
13	14.3	14.8	17.2	18.9	17.1	15.5	16.3	0	0	3	2	1	0	1.0	—	—	—	—	—	sc	cs	—	cu	cc	ac	cu	—	—	cu	—	—	—
14	13.6	14.5	16.0	14.0	17.9	17.4	15.6	8	10	10	10	10	0	8.0	cs	—	—	cs	—	—	cs	—	—	ci,cs	—	—	ci,cs	—	—	—	—	—
15	14.9	15.8	17.4	18.6	15.0	14.3	16.0	9	1	2	3	10	10	5.8	ci	—	sc	ci	—	—	—	ac	cu	—	ac	cu	cs	—	sc	—	—	st
16	13.7	14.5	15.5	16.5	16.9	17.5	15.8	10	10	10	10	10	10	10.0	—	—	st	—	—	st	cs	—	sc	—	—	ns	—	—	st	—	—	st
17	16.1	17.1	18.2	18.3	19.6	17.5	17.8	10	0	1	1	10	10	5.3	cs	—	—	—	—	sc	—	—	cu	cs	—	—	cs,cc,ci	—	—	cs	—	—
18	17.7	17.9	19.8	22.7	21.2	23.9	20.5	10	10	8	10	10	10	9.7	—	as	—	—	as	—	cs	ac	—	cs	—	cu	—	—	sc,st	—	—	sc
19	20.2	21.0	22.5	22.1	21.7	21.7	21.5	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	st,sc	—	—	ns	—	as	sc	—	—	st
20	19.4	18.8	18.7	19.3	20.0	20.1	19.4	10	9	3	10	10	2	7.3	—	—	st	ci	as	sc	ci	—	cu	cs	—	sc,cu	cs,cc	—	cu	—	—	sc
21	18.8	18.8	17.7	18.6	16.5	15.7	17.7	9	8	5	3	3	6	5.7	—	—	sc	ci,cc	—	sc	cc	—	cu	—	—	cu	—	—	sc,cu	—	—	sc
22	15.6	15.6	16.0	17.5	17.4	16.3	16.4	9	9	10	9	10	10	9.5	—	—	sc	—	—	sc	ci	—	sc	cs	—	sc	cs	—	sc	—	—	sc
23	16.5	16.7	17.8	19.2	19.2	18.0	17.9	10	10	10	10	10	10	10.0	—	ac	sc	—	as	—	—	—	sc,st	—	—	sc,st	—	—	ns	—	—	ns
24	18.2	18.4	18.7	20.6	20.3	18.6	19.1	10	10	10	10	10	10	10.0	—	—	ns	—	—	sc,ns	—	—	sc,st	—	—	ns	—	—	st	—	—	st
25	18.4	17.7	18.3	18.0	17.0	16.1	17.6	10	10	3	3	0	0	4.3	—	—	st	—	—	st	—	—	sc	—	—	cu	—	—	sc	—	—	—
26	14.6	15.2	18.7	21.7	21.8	20.9	18.8	0	7	8	1	4	0	3.3	—	—	—	—	—	st,sc	cc	—	st,sc	ci	—	cu	ci	—	cu	—	—	—
27	20.6	21.0	21.5	20.8	19.8	19.4	20.5	10	10	6	10	4	9	8.2	—	—	st	—	ac	sc	cc	—	cu	cc,ci	—	cu	ci,cc	—	cu	—	—	sc
28	19.3	18.3	18.8	19.7	24.1	21.7	20.3	10	10	9	4	10	3	7.7	—	—	st	cs,ci	—	—	cs	—	sc	cs	—	sc	cs	—	cb	—	—	sc
29	19.9	19.0	20.4	19.8	21.1	20.2	20.1	0	5	1	2	10	10	4.7	—	—	—	—	—	sc	—	—	cu	ci	—	cu	cs,ci	—	cu	cs	—	—
30	21.2	20.6	23.6	25.6	25.8	23.8	23.4	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	st	—	—	st	—	—	ns
Mean	16.0	16.2	17.3	18.1	18.1	17.2	17.2	8.1	7.8	7.1	7.1	7.6	7.1	7.5																		

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	4.6	414	4.3	1.6	85	85	70	61	79	91	79	—	—	—	—	—	—	—	◠, ◊	◊
2	—	128	(2.2)	0.8	91	91	80	81	93	84	87	—	—	—	—	0.2	0.3	0.5	—	●
3	10.8	477	4.1	1.5	85	84	70	63	82	87	79	—	—	—	—	—	—	—	—	↙
4	—	164	(5.5)	0.5	91	90	91	85	96	97	92	—	—	0.0	—	2.5	17.1	19.6	☽	●, ☽
5	9.0	445	(4.6)	1.7	99	96	74	52	71	91	81	12.0	0.6	—	—	—	1.1	13.7	◊, ●	◊, ●
6	1.9	219	(1.6)	0.8	93	95	86	82	78	90	87	—	—	0.3	0.2	0.0	—	0.5	∽, ◊, ●	●
7	7.5	379	6.6	2.6	97	98	70	57	65	78	78	0.1	—	—	—	—	—	0.1	◊, ≡, =	◊
8	11.3	458	5.0	1.8	92	79	58	61	76	83	75	—	—	—	—	—	—	—	⌓, ◊	◊
9	2.8	303	(2.7)	1.5	90	87	76	63	71	92	80	—	—	—	—	—	—	—	◊	◊, ⊍
10	0.4	—	(3.5)	1.4	96	93	97	96	91	82	93	—	—	5.6	1.1	0.0	—	6.7	⌓, ●	●, ↙
11	12.0	524	(1.8)	1.7	80	72	55	57	66	76	68	—	—	—	—	—	—	—	◊	◊
12	4.2	216	(4.2)	2.0	92	96	82	71	68	81	82	0.6	19.5	22.7	0.3	—	—	43.1	●, ↙	◊, ●
13	12.7	450	5.9	2.5	81	74	64	59	62	79	70	—	—	—	—	—	—	—	⌓, ◊	◊
14	8.4	358	5.0	1.5	96	94	70	42	57	85	74	—	—	—	—	—	—	—	⌓, ⊍, ∽, ◊	◊, ∽, ⌓
15	11.3	439	5.5	1.9	89	87	61	66	77	86	78	—	—	—	—	—	—	—	⌓, ◊, ∽	∽, ↙
16	—	142	(2.8)	1.0	89	92	81	84	87	94	88	—	—	—	0.7	0.1	—	0.8	—	●, ⌓
17	12.6	492	5.6	1.9	94	81	64	54	62	82	73	—	—	—	—	—	—	—	⌓, ◊, ∽	◊, ∽, ⊕, ⌓
18	6.0	368	(4.6)	1.6	93	92	76	67	76	97	84	—	—	—	—	—	—	—	⌓, ∽	∽
19	—	144	(2.9)	0.7	96	95	96	90	95	98	95	—	—	3.0	2.8	1.9	0.6	8.3	●	●, ⊤
20	7.3	389	4.0	1.7	96	95	64	59	69	91	79	1.7	—	—	—	—	—	1.7	◊, ●	◊, ⌓, ↙
21	9.8	484	7.2	3.1	95	92	58	59	68	85	76	—	0.0	—	—	—	—	0.0	⌓, ◊, ∽, ●	◊
22	6.3	452	4.8	1.7	82	81	65	59	81	85	76	—	—	—	—	—	—	—	◊	◊
23	—	206	(0.7)	0.7	92	88	80	81	93	94	88	—	—	—	—	0.1	0.6	0.7	◊	●
24	—	151	(0.7)	0.5	98	97	82	94	92	91	92	4.2	9.8	0.1	5.7	0.5	—	20.3	●	●, ☽
25	8.3	408	6.4	1.8	97	96	81	60	65	91	82	0.1	—	—	—	—	—	0.1	●	◊, ⌓
26	9.2	439	5.4	1.3	95	90	78	70	80	95	85	—	—	—	—	—	—	—	⌓ ⌓	⌓
27	7.5	446	6.9	2.4	98	96	72	55	63	83	78	—	—	—	—	—	—	—	⌓, =	◊
28	7.5	396	6.0	1.8	91	85	64	54	81	91	78	—	—	—	—	0.0	0.0	0.0	◊	◊, ●, ⌓
29	9.9	428	(4.2)	2.0	95	95	62	48	70	85	76	—	—	—	—	—	—	—	⌓, ◊, =	◊, ∽
30	—	147	(1.8)	0.5	94	94	96	90	90	92	93	0.3	4.0	7.7	0.4	0.2	0.1	12.7	●	●
	181.1	10066	126.5	46.5	92	90	74	67	77	87	81	19.0	33.9	39.4	11.2	5.5	19.8	128.8		

JULY, 1952.

Day	STATION PRESSURE (1000mb+)							M.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	990.1	989.6	989.7	990.1	990.4	991.5	990.2	997.4	996.8	996.8	997.3	997.6	998.8	997.5	20.1	20.5	23.7	23.8	22.4	21.5	22.0
2	990.5	992.6	991.0	989.5	988.6	988.9	990.2	997.8	999.9	998.2	996.6	995.8	996.2	997.4	21.1	20.1	22.9	27.1	25.6	21.4	23.0
3	987.3	987.8	987.0	987.5	989.4	992.6	988.6	994.6	995.0	994.2	994.7	996.5	999.9	995.8	20.2	20.7	24.1	24.1	23.6	19.9	22.1
4	993.8	994.7	996.3	996.3	996.7	998.5	996.1	1.2	2.2	3.6	3.7	4.0	5.8	3.4	18.0	18.9	22.0	19.3	19.8	18.5	19.4
5	996.8	999.1	0.3	0.7	2.2	3.8	0.5	4.3	6.6	7.7	8.0	9.6	11.3	7.9	16.8	17.0	21.8	21.0	20.1	15.2	18.7
6	4.2	5.5	4.9	3.9	3.0	3.8	4.2	11.8	13.1	12.4	11.3	10.5	11.3	11.7	13.3	13.7	17.9	22.7	19.7	16.0	17.2
7	2.5	1.7	1.2	999.9	0.6	2.0	1.3	10.1	9.2	8.6	7.3	7.9	9.4	8.8	14.1	15.0	18.3	21.7	21.3	17.2	17.9
8	1.6	4.0	5.8	4.7	4.6	6.6	4.6	9.1	11.5	13.1	12.0	12.0	14.1	12.0	14.6	15.7	21.2	22.2	21.3	18.2	18.9
9	6.7	7.9	7.3	6.1	6.5	6.8	6.9	14.2	15.5	14.6	13.4	13.8	14.3	14.3	16.7	16.5	21.7	24.8	21.7	18.7	20.0
10	5.4	5.7	5.4	4.1	4.3	4.6	4.9	12.8	13.1	12.7	11.4	11.7	11.9	12.3	17.8	18.3	21.5	22.7	21.8	20.7	20.5
11	4.0	3.0	3.3	2.6	1.0	2.1	2.7	11.5	10.5	10.6	9.9	8.3	9.4	10.0	19.9	20.3	22.5	22.0	21.5	19.8	21.0
12	999.9	0.4	999.2	997.6	997.4	998.6	998.9	7.3	7.8	6.5	4.7	4.7	6.0	6.2	19.3	19.8	23.1	25.1	22.5	20.1	21.7
13	997.8	999.1	999.1	997.7	998.5	0.8	998.8	5.2	6.5	6.5	4.8	5.8	8.2	6.2	19.1	19.3	22.9	25.9	23.7	21.1	22.0
14	0.8	2.7	5.1	5.1	6.1	7.1	4.5	8.1	10.1	12.4	12.3	13.5	14.5	11.8	20.8	20.7	22.5	23.3	22.1	21.5	21.8
15	5.2	6.4	5.8	5.9	5.7	5.9	5.8	12.6	13.8	13.2	13.1	12.9	13.1	13.1	21.3	21.2	21.9	24.0	23.9	23.4	22.6
16	5.1	4.2	5.0	4.1	3.6	3.7	4.3	12.4	11.5	12.3	11.4	10.9	11.0	11.6	23.1	22.9	23.5	26.3	24.2	22.6	23.8
17	2.1	1.0	2.9	2.5	3.2	4.3	2.7	9.4	8.3	10.3	9.8	10.6	11.8	10.0	21.5	21.5	21.7	23.9	22.8	19.9	21.9
18	3.2	5.3	5.0	3.9	4.7	6.4	4.8	10.6	13.2	12.3	11.2	11.9	13.8	12.2	19.1	19.6	23.5	26.1	23.5	20.3	22.0
19	6.6	6.7	7.3	6.3	6.4	8.9	7.0	14.0	14.2	14.6	13.6	13.7	16.4	14.4	19.1	20.3	23.3	26.4	22.3	19.2	21.8
20	8.5	8.6	10.1	8.5	7.8	9.6	8.9	16.0	16.0	17.3	15.8	15.0	16.9	16.2	18.3	18.8	23.4	26.8	24.9	21.2	22.2
21	9.3	10.5	10.0	8.6	8.2	10.1	9.5	16.7	17.9	17.2	15.9	15.5	17.3	16.8	18.4	19.4	24.9	27.8	24.8	21.7	22.8
22	9.4	9.4	9.7	7.9	7.9	10.1	9.1	16.7	16.7	17.0	15.1	15.2	17.4	16.4	21.3	21.5	26.7	30.3	26.3	22.4	24.8
23	9.7	9.8	9.7	8.3	7.9	9.2	9.1	17.0	17.2	17.0	15.5	15.1	16.5	16.4	21.6	20.9	27.3	30.2	29.1	23.3	25.4
24	8.3	8.6	7.1	4.8	4.8	5.4	6.5	15.8	16.0	14.3	11.9	12.0	12.7	13.8	19.8	21.0	29.7	31.7	28.5	23.0	25.6
25	5.4	5.4	4.7	2.5	2.8	3.4	4.0	12.7	12.8	11.9	9.6	10.1	10.7	11.3	19.7	20.5	28.1	33.0	26.7	22.7	25.1
26	2.7	3.0	2.2	999.9	0.3	0.3	1.4	10.1	10.3	9.5	7.0	7.5	7.7	8.7	21.9	21.8	26.1	28.1	25.5	22.8	24.4
27	999.8	1.7	0.3	999.8	1.3	2.1	0.8	7.1	9.0	7.5	7.1	8.7	9.5	8.2	22.5	22.4	26.6	25.1	20.8	20.3	23.0
28	0.8	0.6	1.7	0.3	1.8	3.5	1.5	8.2	8.0	8.8	7.5	9.0	10.8	8.7	20.5	20.6	25.9	28.3	25.5	22.8	23.9
29	3.5	4.2	4.0	2.4	1.1	1.4	2.8	11.0	11.7	11.4	9.7	8.4	8.7	10.2	21.8	19.5	22.7	22.6	22.0	20.8	21.6
30	0.4	1.4	1.6	999.7	0.4	1.0	0.8	7.8	8.7	8.7	6.8	7.8	8.3	8.0	20.1	20.8	25.3	28.2	21.9	19.8	22.7
31	999.9	998.7	997.7	994.6	992.7	991.7	995.9	7.3	6.1	4.9	1.9	0.0	999.0	3.2	19.3	19.3	21.0	21.2	19.8	21.5	20.4
Mean	2.0	2.6	2.6	1.5	1.6	2.7	2.2	9.4	10.0	9.9	8.7	8.9	10.1	9.5	19.4	19.6	23.5	25.3	23.2	20.6	21.9

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	25.1	20.0	22.6	5.1	SSE	0.7	—	0.0	E	1.5	NNW	7.1	N	3.8	SSE	1.3			2.4	2.4
2	27.6	19.3	23.5	8.3	NW	1.1	SSW	1.3	NNE	2.4	—	0.2	—	0.2	W	0.9			1.0	1.4
3	25.1	18.7	21.9	6.4	—	0.2	SE	0.7	SE	3.2	SE	3.8	S	2.8	S	1.3			2.0	2.3
4	23.8	17.6	20.7	6.2	—	0.0	NNW	3.0	SSE	4.0	SSE	1.5	SE	4.6	WSW	3.4			2.8	2.9
5	23.2	13.7	18.5	9.5	NE	1.3	NNE	1.7	NNW	2.2	NW	4.8	NNW	4.2	NNE	0.9			2.5	2.4
6	23.2	12.9	18.1	10.3	NW	1.5	NW	2.0	NNW	1.3	SE	4.8	SE	5.2	SSW	2.6			2.9	2.4
7	22.5	14.0	18.3	8.5	NNE	1.1	NW	0.9	WNW	1.7	NE	2.4	NNE	1.5	NNW	2.0			1.6	2.2
8	22.8	13.2	18.0	9.6	NNW	1.7	NW	0.9	—	0.2	S	3.4	SSE	3.2	SSE	5.9			2.6	2.2
9	25.4	16.4	20.9	9.0	SE	1.3	SSE	0.9	SE	3.4	SSE	8.4	SSE	4.0	SE	2.6			3.4	3.4
10	23.5	17.8	20.7	5.7	S	1.7	—	0.0	SSE	0.7	S	4.4	S	2.4	SSE	2.8			2.0	2.1
11	23.9	19.5	21.7	4.4	—	0.4	—	0.0	—	0.4	S	2.8	SSE	3.8	SSE	3.8			1.9	2.4
12	26.1	19.2	22.7	6.9	SSE	2.2	—	0.0	—	0.0	SSE	5.7	SSE	5.7	S	4.2			3.0	2.8
13	27.6	19.0	23.3	8.6	SSE	2.2	SE	2.4	—	0.0	W	2.8	S	7.1	SSE	3.2			3.0	2.4
14	23.8	20.5	22.2	3.3	S	2.0	SSE	1.1	S	0.7	S	4.6	SSE	2.4	SSE	5.5			2.7	2.6
15	24.6	21.2	22.9	3.4	—	0.0	—	0.0	SSE	4.0	SE	3.6	SSE	2.8	SSE	1.1			1.9	1.7
16	26.6	21.7	24.2	4.9	—	0.0	W	2.0	—	0.0	NE	2.2	NNE	1.1	SSE	2.8			1.4	1.1
17	24.4	19.3	21.9	5.1	SSE	1.7	SSE	1.5	SSW	2.2	S	4.0	S	3.8	SSE	3.8			2.8	2.8
18	26.9	19.0	23.0	7.9	SSE	2.2	SSE	1.1	SE	3.0	SSE	5.9	SSE	5.4	SSE	4.4			3.7	3.7
19	26.7	18.5	22.6	8.2	SE	1.3	—	0.0	ESE	4.2	SSE	5.2	SE	7.4	S	2.6			3.5	3.4
20	27.4	18.0	22.7	9.4	S	2.6	—	0.0	SSW	1.1	S	5.0	SSE	4.2	SE	2.6			2.6	2.6
21	28.1	18.0	23.1	10.1	—	0.0	—	0.0	S	4.2	SSE	5.2	SSE	6.9	SE	4.2			3.4	3.2
22	30.7	21.0	25.9	9.7	—	0.4	—	0.0	S	1.5	S	3.4	SSE	4.6	S	1.3			1.9	2.1
23	31.4	20.8	26.1	10.6	—	0.0	NNW	0.9	W	1.1	WNW	4.2	NW	1.7	S	1.5			1.6	1.5
24	31.9	19.2	25.6	12.7	SW	0.9	NNW	2.2	—	0.2	NNW	2.2	NW	2.2	SSE	1.1			1.5	1.6
25	33.2	18.8	26.0	14.4	WSW	1.3	NW	1.5	NW	0.7	S	2.6	SSE	5.7	SSE	4.4			2.7	2.4
26	30.2	21.6	25.9	8.6	—	0.0	WSW	1.5	SE	2.2	SW	4.0	SSE	5.5	SE	3.4			2.8	2.4
27	26.9	20.4	23.7	6.5	E	1.1	WSW	0.7	SSE	2.8	NNE	1.7	WNW	4.2	SE	0.9			1.9	1.9
28	29.1	20.0	24.6	9.1	N	0.7	W	2.6	SE	2.2	SSE	3.2	NNE	1.5	—	0.0			1.7	1.6
29	22.9	19.4	21.2	3.5	—	0.0	S	2.0	—	0.2	S	1.1	—	0.0	—	0.0			0.6	0.8
30	28.9	19.9	24.4	9.0	—	0.0	—	0.0	—	0.2	W	2.6	SE	4.8	SSE	1.3			1.5	2.1
31	22.5	19.0	20.8	3.5	SSE	1.3	SE	2.8	SE	2.8	ESE	6.1	SE	4.2	SSE	5.4			3.8	4.3
Mean	26.3	18.6	22.5	7.7		1.0		1.1		1.8		3.8		3.8		2.6			2.3	2.4

JULY, 1952.

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	22.7	23.0	25.1	22.2	21.2	20.9	22.5	10	10	8	10	8	10	9.3	—	—	ns	—	—	st	cs	—	sc	—	—	sc	—	—	sc	—	—	sc
2	21.4	21.0	21.0	22.6	25.7	23.7	22.6	10	8	10	10	10	9	9.5	—	—	sc	—	ac	sc	ci	as	cu	cc,ci,cs	—	cu	—	ass	c,cu	ci,cs	—	—
3	22.6	23.3	22.8	22.2	22.1	20.6	22.3	10	10	10	10	5	5	8.3	—	—	sc	—	as	st	—	—	sc,ns	ci	acsc	cu	—	—	sc	ci	—	sc
4	18.5	17.4	20.8	21.2	20.8	20.6	19.9	10	7	9	10	10	10	9.3	—	—	st	cc	ac	st	—	—	sc	—	—	ns	—	—	ns	—	—	sc
5	18.2	17.0	16.6	16.5	16.9	15.2	16.7	4	7	2	9	6	0	4.7	—	—	sc	—	—	sc	—	—	cu	—	—	cu	—	—	cu	ci	—	—
6	14.9	14.8	16.0	17.9	17.0	16.6	16.2	9	10	10	10	9	0	8.0	cs	—	sc	cs	—	st	—	as	cu	cs	—	sc cu	cs,cc	ac	sc	—	—	sc
7	15.2	16.5	18.3	18.4	18.6	16.1	17.2	10	10	10	9	9	0	8.0	—	ac	—	—	as	st	—	as	ns	—	ac	sc	—	ac	sc	—	—	sc
8	15.4	16.4	18.1	19.4	20.8	17.4	17.9	0	7	10	10	10	10	7.8	—	—	sc	cc	ac	sc	—	as,ac	st	—	as	sc	ci	as,ac	sc	—	as	—
9	16.8	17.3	19.2	21.5	21.2	20.0	19.3	10	10	10	8	10	10	9.7	—	as	—	cs	as	ns	—	ac	cu	ci,cc	—	sc	—	—	st	—	—	st
10	18.6	18.9	21.3	23.5	23.2	22.7	21.4	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	sc	—	—	sc	—	—	sc	—	—	sc
11	22.4	23.0	23.9	24.9	24.3	22.5	23.5	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	st	—	—	ns	—	—	ns	—	—	st
12	22.0	22.1	24.6	26.2	24.1	21.9	23.5	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	st	—	—	st	—	—	sc,st	—	—	st
13	20.9	21.6	23.4	26.9	26.5	23.7	23.8	10	10	10	7	7	10	9.0	—	—	st	—	—	st	—	—	sc	—	—	cb,sc	—	—	ns	—	—	st
14	23.3	23.5	23.6	24.9	24.6	25.0	24.2	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	st	—	—	st	—	—	st	—	—	ns
15	24.9	24.7	25.4	28.1	28.2	28.1	26.6	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	st	—	—	ns	—	—	st
16	27.8	27.7	28.2	29.5	27.3	26.3	27.8	10	10	10	10	10	10	10.0	—	—	st	—	—	≡	—	—	ns	—	—	sc	—	—	sc	—	—	ns
17	24.9	25.2	24.6	25.9	24.1	22.2	24.5	10	10	10	10	10	9	9.8	—	—	ns	—	—	ns	—	—	ns	—	—	sc	ci	—	sc	—	—	sc
18	21.5	21.8	23.0	25.3	23.4	22.1	22.9	10	10	8	8	8	10	9.0	—	—	st	—	—	st	—	—	sc	—	—	sc cu	—	—	sc	—	—	sc
19	21.3	23.0	23.1	24.0	22.9	20.2	22.4	8	10	3	6	2	10	6.5	—	—	sc	—	—	st	—	—	cu	cs	—	cu	—	—	sc	—	ac	sc
20	19.7	19.9	21.3	23.0	23.4	22.8	21.7	10	10	9	1	2	2	5.7	—	as	—	—	as	—	—	—	cu sc	ci	—	cu	ci	—	cu	—	—	sc
21	20.2	20.7	23.8	25.1	24.3	24.6	23.1	0	0	3	1	1	10	2.5	—	—	st	—	—	st	—	—	sc cu	—	—	cu	—	—	cu	—	—	st
22	24.0	23.9	26.8	27.9	28.5	25.5	26.1	10	10	4	4	6	0	5.7	—	—	st	—	—	st	—	—	cu	—	—	cu	—	—	sc	—	—	—
23	25.4	24.3	26.9	27.7	26.7	26.3	26.2	10	10	0	3	0	0	3.8	—	—	st	—	—	≡	—	—	cu	—	—	cu	ci	—	cu	—	—	—
24	21.2	23.8	26.3	27.0	28.1	25.3	25.3	0	1	0	1	1	0	0.5	—	—	—	—	—	st,cu	—	—	cu	—	—	cu	—	—	cu	—	—	—
25	22.1	21.6	25.6	28.2	26.8	25.3	24.9	0	1	0	2	2	0	0.8	—	—	—	—	—	st	—	—	cu	—	—	cu	—	—	cu	—	—	—
26	25.2	25.2	27.0	29.9	27.9	26.1	26.9	10	10	10	10	4	0	7.3	—	—	st	—	—	ns	—	—	st	—	-	cu,cb	ci	—	cu	—	—	—
27	26.3	25.7	27.9	24.8	23.1	23.2	25.2	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	sc,st	—	as	st	—	—	ns	—	—	ns
28	23.3	23.8	25.5	27.5	26.2	26.1	25.4	10	10	5	9	10	10	9.0	—	—	ns	—	as	st	cs	—	sc	cs	—	sc	—	—	sc	—	as	—
29	25.4	20.8	23.3	25.6	24.4	23.9	23.9	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	as	ns	—	—	ns	—	as	ns	—	—	ns
30	22.9	23.3	21.8	21.4	21.9	21.0	22.1	10	2	4	7	10	10	7.2	—	—	st	—	—	st,cu	—	—	cu	—	acsc	cu	cc	—	sc	—	—	sc
31	21.2	20.4	22.1	24.5	22.1	25.0	22.6	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	ns	—	—	ns	—	—	ns	—	—	ns,st
Mean	21.6	21.7	23.1	24.3	23.8	22.6	22.8	8.4	8.5	7.6	7.9	7.4	6.9	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	0.9	275	4.0	1.7	96	96	86	75	78	82	86	2.8	1.0	—	0.0	—	—	3.8	◊,●	●,◊
2	4.3	286	(3.5)	1.1	86	89	75	63	78	93	81	—	—	—	—	—	—	—	◊	◊,S,▱
3	1.5	234	(3.3)	1.2	95	95	76	74	76	89	84	—	—	2.7	7.3	0.0	—	10.0	▱▱,●,⊤	◊,⊤,●
4	1.4	283	(3.3)	1.0	90	80	79	95	90	97	89	—	—	—	2.8	0.7	1.4	4.9	▱	●,⊼
5	6.3	400	4.2	1.6	95	88	63	66	72	88	79	—	—	—	—	—	—	—	◊	◊,▱
6	3.1	318	3.6	1.3	98	95	78	65	74	91	84	—	—	—	—	—	—	—	▱,◊	◊,▱
7	—	135	3.1	1.3	95	97	87	71	74	82	84	—	—	0.0	0.0	—	—	0.0	▱▱,●	◊,▱
8	3.8	—	(3.1)	1.1	93	92	72	72	82	83	82	—	—	—	—	—	—	—	▱,◊,S	◊,S
9	5.2	339	(4.5)	1.4	88	92	74	69	82	92	83	—	0.2	0.1	—	—	0.5	0.8	●	●
10	—	169	(2.2)	0.8	92	90	83	85	89	93	89	—	—	—	0.0	—	—	0.0	—	●
11	—	130	(0.8)	0.4	96	96	88	94	95	97	94	0.6	0.5	0.5	0.5	0.4	1.9	4.4	●	●
12	1.5	255	(3.9)	0.9	98	96	87	82	88	93	91	—	—	—	—	—	—	—	—	⊤
13	4.8	311	(3.9)	1.0	94	96	84	80	90	95	90	—	0.2	—	—	2.3	0.1	2.6	●	(,⊤,●
14	—	115	(0.0)	0.5	95	96	87	87	92	97	92	—	—	—	—	—	0.9	0.9	—	●
15	—	106	(0.0)	0.3	98	98	97	94	96	98	97	6.9	19.6	4.2	1.8	1.2	0.5	34.2	●	●
16	—	117	(1.9)	0.5	98	99	98	86	90	96	95	—	0.4	4.9	0.4	0.0	1.1	6.8	●,≡	●,◊
17	—	162	(2.6)	0.6	97	98	95	87	87	96	93	4.4	16.6	15.9	0.5	—	—	37.4	●	—
18	7.2	359	5.5	1.5	97	96	79	75	81	93	87	—	—	—	—	—	—	—	—	◊
19	6.1	309	5.5	1.6	96	96	81	70	85	91	87	—	—	—	—	—	—	—	▱,◊	◊
20	8.3	353	5.5	1.7	94	92	74	65	74	90	82	—	—	—	—	—	—	—	◊	◊,S,▱
21	8.6	374	6.2	1.7	95	92	76	67	78	95	84	—	—	—	—	—	—	—	▱	◊,▱
22	5.7	306	5.8	1.5	95	93	77	65	83	94	85	—	—	—	—	—	—	—	S	S,▱▱
23	10.4	337	6.4	2.1	99	98	74	65	66	92	82	—	—	—	—	—	—	—	▱▱,S,=,≡	◊,▱▱
24	12.6	358	7.4	2.4	92	95	63	58	72	90	78	—	—	—	—	—	—	—	▱▱,=,◊	◊,S▱▱
25	12.7	346	(6.3)	2.2	96	90	67	56	77	92	80	—	—	—	—	—	—	—	▱,S	◊,S▱▱
26	3.1	222	4.0	1.0	96	97	80	79	86	94	89	—	0.1	—	—	—	—	0.1	▱,9	⊤,●,▱
27	0.4	190	(3.2)	0.7	97	95	80	78	94	97	90	—	—	—	0.1	6.2	9.6	15.9	▱,⊤,●	●,⊤,⊼
28	5.8	305	(4.4)	1.4	97	98	76	71	80	94	86	3.3	0.5	—	0.0	—	0.0	3.8	●	●
29	—	128	(0.5)	0.6	97	92	85	93	92	97	93	0.7	6.4	0.3	1.3	3.9	4.5	17.1	●,◊	●
30	8.4	—	(5.3)	1.6	97	95	68	56	83	91	82	0.2	0.2	—	—	—	—	0.4	●,◊	◊
31	—	140	(1.0)	0.6	95	91	89	97	96	98	94	—	—	0.6	1.7	2.9	3.3	8.5	●	●
	122.2	7359	114.9	37.3	95	94	80	75	83	93	87	18.9	45.7	29.2	16.4	17.6	23.8	151.6		

AUGUST, 1952.

Day	STATION PRESSURE (1000mb+)							M.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	990.6	991.3	992.6	991.8	993.4	995.4	992.5	998.0	998.0	999.8	999.0	0.5	2.7	999.7	21.5	22.2	23.7	25.8	26.9	22.3	23.7
2	997.2	998.8	998.9	997.7	998.6	999.8	998.5	4.5	6.1	6.0	4.7	5.9	7.0	5.7	20.7	21.7	27.9	30.5	25.5	25.1	25.2
3	998.7	999.3	0.3	998.4	999.9	1.3	999.7	6.0	6.5	7.5	5.4	7.1	8.4	6.8	24.7	24.9	26.9	31.8	28.5	26.0	27.1
4	0.4	1.7	4.5	3.3	2.7	3.5	2.7	7.7	8.9	11.8	10.5	10.0	10.8	10.0	25.2	25.1	23.5	29.0	25.3	23.7	25.3
5	2.4	2.1	2.4	0.4	0.8	1.7	1.6	9.7	9.4	9.6	7.5	8.0	9.0	8.9	23.1	23.1	26.9	27.9	24.9	23.0	24.8
6	0.8	1.2	3.1	2.1	2.0	1.9	1.9	8.2	8.5	10.4	9.4	9.3	9.2	9.2	22.6	23.1	22.9	22.5	21.5	21.3	22.3
7	1.0	2.0	2.7	1.3	0.2	1.4	1.4	8.3	9.4	10.1	8.4	7.4	8.7	8.7	21.1	20.1	23.0	27.1	24.7	22.4	23.1
8	0.2	0.4	999.7	997.7	997.6	997.9	998.9	7.6	7.8	7.0	4.8	4.7	5.2	6.2	21.1	21.4	23.9	26.3	25.3	21.6	23.3
9	997.0	998.0	999.5	0.0	2.5	5.7	0.5	4.3	5.3	6.7	7.3	9.8	13.0	7.7	21.5	21.3	24.9	26.7	23.5	19.8	23.0
10	6.1	8.2	7.9	7.4	7.4	8.0	7.5	13.6	15.7	15.2	14.6	14.8	15.5	14.9	18.2	19.1	23.7	24.7	21.8	20.2	21.3
11	7.4	7.3	6.2	4.3	4.0	5.4	5.8	14.8	14.7	13.3	11.5	11.4	12.8	13.1	19.8	20.0	24.7	25.8	23.9	19.8	22.3
12	5.2	6.5	6.5	5.0	6.3	7.6	6.2	12.7	14.0	13.7	12.2	13.6	15.0	13.5	17.9	18.7	25.3	28.3	22.9	21.2	22.4
13	7.3	8.0	8.7	7.7	7.5	8.8	8.0	14.7	15.5	15.9	14.9	14.8	16.3	15.4	20.0	19.4	25.5	27.9	24.3	19.6	22.8
14	7.2	8.0	6.4	4.5	4.2	5.7	6.0	14.6	14.9	13.7	11.7	11.5	13.1	13.3	19.7	20.3	26.0	30.3	26.2	21.9	24.1
15	4.9	5.6	5.7	3.7	3.5	5.9	4.9	12.3	13.0	13.0	10.8	10.8	13.3	12.2	21.4	21.1	23.7	29.9	25.0	20.9	23.7
16	4.5	5.0	5.8	4.4	4.7	5.7	5.0	11.9	12.4	13.1	11.8	12.0	13.0	12.4	20.3	20.6	23.3	24.6	22.7	21.4	22.2
17	4.3	4.4	4.6	2.5	3.2	5.0	4.0	11.7	11.8	11.9	9.7	10.5	12.4	11.3	20.5	20.7	24.1	27.8	21.6	19.1	22.3
18	4.3	4.6	4.9	2.1	1.5	2.8	3.4	11.8	12.0	12.2	9.3	8.7	10.2	10.7	18.5	18.9	22.7	27.2	23.7	21.2	22.0
19	1.6	0.3	0.0	996.7	995.5	995.3	998.2	8.9	7.7	7.4	3.9	2.7	2.6	5.5	20.4	20.4	23.4	25.2	24.4	26.7	23.4
20	995.7	997.2	997.8	997.8	999.0	1.0	998.1	2.9	4.4	4.8	4.8	6.3	8.4	5.3	25.6	24.0	28.3	29.8	24.5	19.3	25.3
21	1.8	3.8	4.8	4.3	4.7	6.9	4.4	9.3	11.3	12.1	11.5	12.1	14.5	11.8	17.9	18.1	25.3	26.5	21.8	17.6	21.2
22	7.2	9.0	7.8	6.7	7.7	8.7	7.9	14.8	16.5	15.0	14.0	15.0	16.2	15.3	14.9	15.3	25.6	27.7	21.5	19.5	20.8
23	7.1	7.3	7.9	7.0	7.7	8.4	7.6	14.6	14.7	15.3	14.4	15.1	15.9	15.0	19.0	19.1	21.8	21.5	19.7	19.3	20.1
24	7.6	7.4	8.0	6.6	6.1	4.9	6.8	15.1	14.9	15.5	14.1	13.5	12.3	14.2	18.8	18.5	19.4	20.1	19.5	19.1	19.2
25	2.5	2.1	2.0	1.4	2.6	3.4	2.3	9.9	9.4	9.3	8.6	9.8	10.7	9.6	19.6	20.1	21.7	23.1	23.4	22.8	21.8
26	3.3	3.3	3.0	2.0	3.7	4.9	3.4	10.6	10.6	10.1	9.1	10.9	12.3	10.6	22.0	22.5	28.5	28.1	25.1	21.1	24.6
27	5.2	6.7	6.6	4.7	5.3	4.6	5.5	12.6	14.1	13.8	11.8	12.5	11.9	12.8	19.8	21.9	28.3	29.5	25.9	22.5	24.7
28	4.0	5.8	6.1	5.9	6.2	7.5	5.9	11.4	13.2	13.3	13.1	13.5	15.0	13.3	22.1	22.0	25.5	26.9	24.1	19.7	23.4
29	7.6	9.3	9.4	8.7	8.8	10.0	9.0	15.0	16.7	16.8	16.0	16.3	17.5	16.4	19.8	18.7	22.3	23.8	20.5	19.0	20.7
30	9.6	10.5	10.1	9.4	9.9	10.3	10.0	17.0	17.8	17.4	16.9	17.2	17.6	17.3	19.1	19.1	19.9	20.1	20.3	19.8	19.7
31	9.8	10.4	10.3	9.6	9.7	9.8	9.9	17.2	17.7	17.6	16.9	17.0	17.2	17.3	19.5	19.8	22.5	24.3	23.1	21.9	21.9
Mean	3.3	4.0	4.3	3.1	3.4	4.5	3.8	10.7	11.4	11.6	10.3	10.7	11.9	11.1	20.5	20.7	24.4	26.5	23.6	21.3	22.8

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	27.6	21.5	24.6	6.1	SSE	3.2	SE	2.0	SSE	5.5	SE	3.8	WSW	2.0	—	0.4	2.8	3.8
2	31.4	20.0	25.7	11.4	N	1.1	E	1.1	—	0.2	SSE	3.0	SSE	1.3	S	3.8	1.8	2.2
3	32.3	24.5	28.4	7.8	SSE	3.6	SSE	2.6	SSE	5.4	SSE	5.9	S	5.0	SE	0.9	3.9	3.8
4	29.4	23.4	26.4	6.0	—	0.0	—	0.2	E	2.6	S	3.4	SSE	3.4	S	3.6	2.2	2.3
5	28.3	22.7	25.5	5.6	SW	2.6	SE	2.8	ESE	0.7	S	3.0	—	0.4	SSE	4.4	2.3	2.5
6	23.5	21.2	22.4	2.3	SSE	2.8	SSE	1.7	NNW	2.4	—	0.4	—	0.0	—	0.0	1.2	1.3
7	27.9	20.1	24.0	7.8	—	0.2	—	0.0	NW	1.5	SE	2.8	SSE	4.0	N	1.3	1.6	1.7
8	28.1	20.9	24.5	7.2	NW	2.8	NNW	3.4	NNW	7.3	NNW	4.2	NNW	4.2	NNW	2.2	4.0	4.1
9	27.7	18.6	23.2	9.1	NNW	3.2	NNW	6.7	ENE	2.2	NNW	7.1	N	4.4	NW	2.2	4.3	3.8
10	25.2	18.2	21.7	7.0	—	0.0	—	0.2	S	2.6	S	3.4	S	2.4	SSE	2.4	1.8	1.8
11	27.5	19.8	23.7	7.7	SSW	1.5	—	0.4	SW	0.7	W	2.8	NNW	3.0	E	1.3	1.6	1.2
12	28.9	16.6	22.8	12.3	W	1.1	W	1.5	NNW	1.5	SE	2.0	SSE	4.2	SSE	1.3	1.9	2.1
13	28.1	18.3	23.2	9.8	—	0.0	—	0.4	S	2.2	S	5.5	SSE	3.4	SSE	1.1	2.1	2.6
14	31.7	19.0	25.4	12.7	—	0.2	—	0.2	NNE	0.9	ENE	1.7	SSE	5.2	—	0.0	1.4	1.4
15	30.6	20.4	25.5	10.2	—	0.0	WNW	0.7	S	0.9	SSE	1.5	SSE	4.6	SE	3.2	1.8	2.0
16	25.2	20.0	22.6	5.2	SE	1.5	—	0.0	SE	1.5	ESE	2.2	SE	2.4	SSE	2.6	1.7	2.0
17	27.9	18.5	23.2	9.4	SE	0.9	—	0.0	SE	2.0	SSE	5.4	SSE	5.2	SSE	3.2	2.8	2.8
18	27.5	18.5	23.0	9.0	S	2.0	S	1.5	E	0.7	S	3.6	SSE	6.7	SSE	3.0	2.9	2.8
19	27.7	20.2	24.0	7.5	SE	2.2	S	1.7	SSE	4.8	SSE	6.9	SSE	6.9	SW	5.7	4.7	4.6
20	30.1	19.3	24.7	10.8	WSW	4.8	S	0.9	WSW	2.6	SW	8.0	WNW	0.7	NNE	1.7	3.1	3.5
21	27.0	16.3	21.7	10.7	N	1.3	E	0.9	WNW	4.2	NW	5.0	NW	2.8	—	0.4	2.4	2.5
22	28.9	13.9	21.4	15.0	—	0.4	—	0.0	NE	2.0	S	1.1	SSE	5.9	SSE	1.1	1.8	1.6
23	23.4	18.8	21.1	4.6	—	0.0	—	0.2	SSE	0.9	ESE	3.2	SW	2.4	SSW	1.7	1.4	1.3
24	20.5	18.4	19.5	2.1	S	0.7	S	1.1	SSE	2.6	SSE	3.4	SSE	4.2	SE	4.2	2.7	3.2
25	23.6	19.2	21.4	4.4	SE	3.0	SE	1.5	ESE	1.1	ESE	1.1	—	0.2	SSE	0.9	1.3	1.5
26	30.0	20.2	25.1	9.8	—	0.0	SSE	0.7	W	3.2	WSW	5.2	W	2.4	S	0.7	2.0	2.3
27	30.2	18.3	24.3	11.9	S	0.7	N	1.5	NW	2.8	NW	4.0	W	2.4	SSE	3.0	2.4	2.2
28	27.2	19.7	23.5	7.5	E	1.3	E	0.7	NE	2.0	N	2.6	N	0.9	ESE	1.3	1.5	1.4
29	24.4	18.7	21.6	5.7	SW	0.7	NW	1.1	NNW	0.7	SSE	2.6	SSE	1.7	SE	1.3	1.4	1.4
30	20.8	19.0	19.9	1.8	—	0.0	—	0.0	—	0.0	—	0.2	—	0.0	—	0.4	0.1	0.7
31	24.9	19.5	22.2	5.4	SSE	2.2	S	2.8	S	3.8	SSE	3.4	S	4.2	SSE	1.1	2.9	2.6
Mean	27.3	19.5	23.4	7.9		1.4		1.2		2.3		3.5		3.1		1.9	2.3	2.4

AUGUST, 1952.

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	25.2	26.1	28.3	30.9	27.2	24.2	27.0	10	10	10	9	10	10	9.8	—	—	ns	—	—	st	—	—	ns,sc	—	—	st,cu	ci	—	cu	—	—	sc
2	23.1	24.6	23.7	32.0	29.8	30.3	27.3	0	8	7	10	10	10	7.5	—	—	—	ci,cc	—	sc	cc	—	sc cu	—	—	sc	cc	as	sc	—	—	sc
3	30.1	30.5	32.8	35.9	33.8	32.3	32.6	10	9	7	7	7	10	8.3	—	—	ns	cc	—	st,sc	—	ac	sc	—	—	sc	cs	—	sc	—	—	sc
4	31.5	31.4	28.0	30.3	29.0	27.4	29.6	10	10	10	10	7	10	9.5	—	—	≡	—	—	≡	—	—	ns	ci	—	cu	—	—	sc	—	as	—
5	27.3	27.8	29.4	31.0	30.0	27.4	28.8	10	10	10	10	10	10	10.0	—	—	st	—	—	st	cs	—	sc	—	as	sc	—	—	ns	—	—	st
6	26.7	27.6	25.2	25.7	24.7	24.4	25.7	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	sc,ns	—	—	ns	—	—	ns	—	—	st
7	24.8	23.1	24.4	27.5	26.5	25.5	25.3	10	10	10	6	8	10	9.0	—	—	st	—	—	ns	—	—	st,sc	cc	—	cu	cc	—	cu	—	—	sc,ns
8	23.9	22.9	25.2	28.1	26.6	24.3	25.2	10	10	10	10	10	10	10.0	—	as	sc	—	as	st	—	as	sc	—	—	sc,st	cc	—	sc	—	—	st
9	24.3	23.6	26.1	27.8	23.4	20.8	24.3	10	10	9	8	6	4	7.8	—	—	st	—	—	ns	—	—	sc	—	—	sc	—	—	sc	—	—	sc
10	19.7	21.3	23.9	27.2	24.5	22.4	23.2	10	10	10	10	7	0	7.8	—	ac	—	cs	—	sc	—	acsc,cb		—	—ns,sc		—	ac	cu	cs,cc	—	—
11	22.5	22.5	26.0	26.2	22.1	21.2	23.4	10	10	8	10	3	1	7.0	—	—	st	—	—	st	—	ac	sc	—	—sc,ns		—	acsc,cu		—	ac	sc
12	19.7	20.4	21.3	23.2	23.6	22.8	21.8	0	5	1	5	2	10	3.8	—	—	—	—	ac	—	—	—	cu	—	—	cu	—	ac	—	—	—	st
13	21.9	21.7	23.9	26.0	24.4	21.2	23.2	10	0	1	1	1	0	2.2	—	—	sc	—	—	—	—	—	cu	—	—	cu	cs	—	cu	—	—	—
14	22.5	22.3	25.6	25.9	28.6	24.3	24.9	9	10	1	4	8	0	5.3	—	—	sc	—	—	sc	—	—	cu	—	—	cb	—	—sc,cu		—	—	—
15	24.6	24.6	26.2	26.2	26.5	23.4	25.3	10	10	6	4	2	8	6.7	—	—	≡	—	—	≡	—	—	sc	cs	ac	cu	—	—	sc	—	—	sc
16	22.8	23.2	23.1	24.5	25.1	23.7	23.7	10	10	10	10	10	10	10.0	—	—	sc	—	—	st	—	—	st,sc	—	—	st	—	—	st	—	—	st
17	23.0	23.1	24.1	26.8	22.5	21.1	23.4	10	10	10	2	10	10	8.7	—	—	st	—	—	st	—	—	sc	—	—	cu	—	—	st	—	—	st
18	20.7	21.0	22.7	26.3	26.0	23.7	23.4	10	10	10	4	5	10	8.2	—	—	st	—	—	st	—	—	sc	—	—	cu	—	—	sc	—	—	st
19	22.3	23.1	26.2	28.1	28.8	22.7	25.2	10	10	10	10	7	7	9.0	—	—	st	—	—	st	—	—	st	—	—	ns	—	—st,cu		—	—	sc
20	22.5	25.1	24.8	20.6	23.2	19.6	22.6	10	10	9	1	9	0	6.5	—	—	sc	—	—	sc	—	—	sc	cc	—	sc	cc	ac	sc	—	—	—
21	19.3	19.6	18.4	18.8	21.5	18.2	19.3	7	10	5	5	3	0	5.0	—	—	sc	cs	—	sc	cs	—	sc	cs	—	cu	cs	—	sc	—	—	—
22	16.2	17.0	19.0	20.8	20.1	19.8	18.8	0	4	7	7	10	10	6.3	—	—	—	cs	—	≡	ci	—	cu	ci,cc,cs	—	cu	cs	—	sc	—	—	sc
23	20.8	21.3	22.0	22.2	21.7	21.4	21.6	10	10	10	10	10	10	10.0	—	—	sc	—	as	—	—	—	sc	—	—	st	—	—	st	—	—	st
24	20.9	20.9	21.9	21.9	21.6	21.7	21.5	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	st	—	—	ns	—	—	ns
25	22.4	23.1	25.3	27.8	28.1	27.1	25.6	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—ns,sc		—	—	st
26	26.2	26.8	28.3	29.6	26.0	22.4	26.6	10	10	9	10	3	0	7.0	—	—	≡	cc	—	sc	—	ac	sc	—	—sc,ns		—	—	sc	—	—	sc
27	21.6	22.7	28.7	29.2	25.9	25.4	25.6	0	5	4	7	7	2	4.2	—	—	sc	—	—	sc	cs	—sc,cu		—	—	sc	—	—	sc	—	—	sc
28	24.6	25.3	26.7	25.7	22.1	21.3	24.3	8	9	10	9	4	10	8.3	—	—	st	—	—	ns	—	—sc,ns		ci,cc	—	cu	ci,cc	—	cu	—	as	—
29	21.6	20.8	23.3	22.3	20.4	21.0	21.6	10	10	10	10	10	10	10.0	—	—	st	—	as	—	—	as	—	—	as	cu	—	ac	—	—	—	st
30	21.3	21.7	22.0	22.5	22.8	22.3	22.1	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	ns	—	—	ns	—	—	st	—	—	st
31	22.3	22.7	25.4	26.5	25.9	25.4	24.7	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	st	—	ac	st,sc	—	—	st	—	—	st
Mean	23.1	23.5	24.9	26.4	25.2	23.5	24.4	8.5	9.0	8.2	7.7	7.4	7.2	8.0																		

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	3.5	205	(2.6)	0.8	98	97	97	93	77	90	92	4.3	4.4	0.6	5.0	0.7	—	15.0	●	◊,●
2	5.8	306	(4.0)	1.3	95	95	63	73	91	95	85	—	—	—	—	0.1	—	0.1	⌓,◊	◊,●
3	7.1	261	(3.5)	1.3	97	97	92	76	87	96	91	0.0	0.1	0.8	—	0.0	—	0.9	∽,●,≡,=	∽,●,⌓
4	3.9	223	(0.0)	0.7	98	98	97	76	90	93	92	—	—	25.8	16.7	—	—	42.5	≡,≤,⊤,⌇,●	—
5	0.4	195	(2.2)	0.8	97	98	83	83	95	97	92	—	0.1	—	0.0	2.7	1.7	4.5	●	●,⊤
6	—	99	(1.7)	0.4	97	97	90	94	96	97	95	—	—	0.9	1.9	12.2	0.2	15.2	●	●
7	4.3	250	4.3	1.3	99	98	87	77	85	94	90	0.1	11.0	1.8	0.0	—	0.0	12.9	●	●,◊
8	0.8	209	(3.9)	1.6	96	90	85	82	82	94	88	—	—	—	—	—	0.3	0.3	◊	◊,●
9	1.0	278	4.2	1.5	95	93	83	79	81	90	87	0.9	0.4	0.0	—	—	—	1.3	●,◊	◊
10	1.3	184	(1.3)	0.5	94	96	82	87	94	95	91	—	—	—	8.2	12.3	—	20.5	⌓,⊤,●	●
11	3.2	234	(4.4)	1.3	97	96	84	79	74	92	87	—	—	—	0.1	0.3	—	0.4	—	●,⌓
12	7.3	304	5.8		96	96	66	60	84	91	82	—	—	—	—	—	—	—	⌓,◊	◊,∽
13	11.8	323	5.5	1.7	94	96	73	69	80	93	84	—	—	—	—	—	—	—	⌓,∽	◊,∽,⌓
14	8.2	—	4.5	1.3	98	94	76	60	84	92	84	—	—	—	—	—	—	—	⌓,∽	∽⌓
15	5.1	254	5.0	1.4	97	98	90	62	84	95	88	—	—	—	—	—	—	—	⌓,∽,≡,=	∽
16	—	125	2.3	0.8	96	96	81	79	91	93	89	—	—	—	—	—	—	—	⌓	—
17	5.8	273	(5.0)	1.3	96	95	80	72	87	95	88	—	—	—	—	—	1.6	1.6	—	●
18	4.9	268	4.6	1.3	97	96	82	73	89	94	89	0.3	—	—	—	—	—	0.3	—	∽
19	0.2	138	(2.9)	1.6	93	96	91	87	94	65	88	—	—	—	0.0	0.0	—	0.0	—	●
20	6.9	297	7.1	2.7	68	84	65	49	75	87	71	—	—	0.6	—	—	—	0.6	●,≤	◊,⌓
21	10.9	301	6.2	2.5	94	94	57	54	82	91	79	—	—	—	—	—	—	—	⌓,◊	◊,⌓
22	10.2	290	4.5	1.5	96	98	58	56	78	87	79	—	—	—	—	—	—	—	⌓,◊,=,≡	◊,∽⌓
23	—	90	(0.8)	0.5	95	96	84	86	95	95	92	—	—	0.0	0.0	3.9	—	3.9	●	●,☽
24	—	53	(1.2)	0.4	96	98	97	93	95	98	96	2.7	0.9	3.1	0.2	0.4	2.9	10.2	●,☽	●
25	—	56	(0.5)	0.3	98	98	97	99	98	98	98	6.1	1.6	5.7	25.1	2.9	0.0	41.4	●	●
26	3.8	—	(4.0)	1.4	99	98	73	78	82	90	87	0.2	0.1	—	0.1	0.4	—	0.8	≡,●	●,◠,⌓
27	9.8	261	(4.5)	1.6	94	87	75	71	78	93	83	—	—	—	—	—	—	—	⌓,◊	◊,⌓
28	3.7	192	(2.3)	0.9	92	96	82	73	74	93	85	—	0.3	0.0	0.0	—	—	0.3	⌓,●,☽	◊
29	1.4	134	(0.7)	0.8	94	96	87	76	84	95	89	—	—	0.1	0.1	—	—	0.2	●,◊,∽	◊,●
30	—	43	(2.1)	0.2	96	98	95	96	96	96	96	0.3	—	1.5	16.1	0.1	—	18.0	●	●,☽
31	—	132	2.4	0.7	98	98	93	87	92	97	94	0.0	0.0	6.5	—	—	—	6.5	☽,●	—
	121.3	5980	104.0	34.4	95	96	82	77	86	93	88	14.9	18.9	47.4	73.5	36.0	6.7	197.4		

SEPTEMBER, 1952.

Day	STATION PRESSURE (1000mb+)							M.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	7.9	7.5	6.6	3.9	3.0	4.8	5.6	15.4	14.9	14.0	11.1	10.3	12.1	13.0	21.4	21.5	24.2	26.7	24.8	23.1	23.6
2	3.4	3.9	6.0	4.8	5.8	7.5	5.2	10.8	11.3	13.3	12.1	13.2	15.0	12.6	22.7	21.9	22.9	27.2	21.5	18.5	22.5
3	6.8	7.1	6.5	5.1	5.0	5.8	6.1	14.4	14.7	13.7	12.3	12.3	13.2	13.4	15.8	15.7	24.8	27.1	23.9	19.7	21.2
4	3.8	3.5	2.5	999.0	999.6	1.6	1.7	11.2	10.9	9.8	6.2	6.9	8.8	9.0	20.1	20.8	24.6	28.3	24.3	22.7	23.5
5	0.4	1.3	1.4	2.0	3.9	6.0	2.5	7.8	8.6	8.6	9.2	11.3	13.3	9.8	21.5	22.3	24.4	23.9	21.7	19.9	22.3
6	6.1	7.2	7.8	6.8	7.7	9.0	7.4	13.6	14.6	15.1	14.3	15.1	16.4	14.9	19.2	18.8	23.5	25.3	19.8	18.9	20.9
7	8.9	9.3	9.2	6.4	6.7	7.5	8.0	16.4	16.7	16.5	13.7	14.1	15.0	15.4	18.7	18.6	22.9	25.8	19.9	18.5	20.7
8	6.5	5.4	5.1	2.6	1.3	0.6	3.6	14.0	12.8	12.4	10.1	8.6	7.9	11.0	18.5	18.1	19.9	21.5	20.7	19.7	19.7
9	999.8	999.8	1.5	0.2	0.8	2.3	0.7	7.3	7.4	8.8	7.4	8.2	9.8	8.2	18.9	17.9	21.5	23.6	20.7	16.3	19.8
10	3.4	5.0	5.7	4.7	4.7	7.7	5.2	11.0	12.6	13.0	11.9	12.3	15.3	12.7	16.1	14.2	21.5	25.8	19.9	14.4	18.7
11	7.1	6.8	5.7	1.0	997.7	995.6	2.3	14.7	14.4	13.1	8.4	5.0	3.0	9.8	12.0	13.6	19.5	19.4	19.1	19.9	17.3
12	994.7	996.3	998.2	997.9	0.4	1.4	998.2	2.1	3.8	5.4	5.0	7.8	8.7	5.5	18.9	19.0	24.4	26.9	22.6	19.9	22.0
13	0.0	0.9	1.3	2.1	3.9	6.0	2.4	7.4	8.3	8.5	9.3	11.3	13.5	9.7	19.2	19.7	24.9	23.0	20.1	17.7	20.8
14	6.2	7.0	9.0	7.9	7.9	8.2	7.7	13.7	14.5	16.5	15.5	15.5	15.7	15.2	17.5	17.0	17.5	18.3	17.5	16.9	17.5
15	7.5	8.0	9.0	7.8	7.8	8.1	8.0	15.1	15.6	16.5	15.3	15.3	15.6	15.6	16.3	16.1	17.7	19.0	18.4	17.8	17.6
16	7.7	8.4	8.4	7.4	7.6	8.3	8.0	15.1	15.9	15.9	14.7	15.0	15.8	15.4	17.7	18.0	20.9	24.0	21.3	20.0	20.3
17	8.0	9.1	9.1	7.6	7.6	8.8	8.4	15.4	16.6	16.4	14.9	14.9	16.4	15.8	19.5	18.9	22.7	26.7	22.8	17.9	21.4
18	8.3	7.9	7.7	6.6	7.9	7.9	7.7	15.9	15.5	15.0	14.1	15.5	15.6	15.3	13.5	14.1	21.9	21.6	15.3	13.7	16.7
19	7.2	6.8	5.8	2.6	2.6	3.0	4.7	14.9	14.6	13.2	10.1	10.0	10.5	12.2	11.5	10.6	18.9	21.3	18.0	16.1	16.1
20	2.0	2.0	2.4	0.8	1.6	3.3	2.0	9.6	9.6	9.9	8.2	9.0	10.9	9.5	14.7	13.9	16.5	22.2	17.3	15.1	16.6
21	3.8	4.2	4.2	3.1	3.7	6.5	4.3	11.5	11.8	11.6	10.5	11.1	14.1	11.8	15.5	14.8	20.5	24.1	17.3	14.4	17.8
22	6.4	7.9	7.4	6.6	7.0	10.1	7.6	14.1	15.5	14.8	14.0	14.5	17.6	15.1	11.9	12.2	19.5	20.6	17.5	12.7	15.7
23	9.8	11.5	11.5	10.3	10.6	11.9	10.9	17.4	19.2	19.0	17.6	18.1	19.6	18.5	10.1	11.5	17.8	21.3	17.8	11.9	15.1
24	12.2	11.3	11.0	9.3	7.4	7.3	9.8	19.9	19.1	18.4	16.6	14.9	14.9	17.3	10.1	9.6	19.1	21.5	17.9	16.1	15.7
25	5.9	4.5	3.6	1.3	1.2	1.7	3.0	13.2	12.0	11.0	8.6	8.5	9.0	10.4	14.5	17.1	20.2	23.4	21.6	19.8	19.4
26	2.2	4.5	8.3	8.5	10.1	12.4	7.7	9.7	12.0	15.8	16.0	17.5	20.0	15.2	16.6	17.3	18.3	16.7	16.2	16.1	16.9
27	13.3	15.5	16.9	15.3	16.9	18.0	16.0	20.9	23.1	24.4	22.7	24.5	25.7	23.6	15.3	13.5	20.2	24.1	17.3	14.9	17.6
28	16.7	17.2	15.3	11.5	10.9	8.5	13.4	24.4	24.9	22.7	19.0	18.4	16.1	20.9	12.4	13.7	18.1	18.9	16.5	15.3	15.8
29	3.4	0.9	2.9	2.6	5.7	8.5	4.0	10.9	8.4	10.4	10.1	13.3	16.2	11.6	14.7	14.8	15.9	19.7	14.5	13.2	15.5
30	8.8	11.4	12.3	10.6	11.4	12.9	11.2	16.4	19.1	19.9	17.9	19.0	20.7	18.8	14.0	10.3	17.8	21.2	14.5	9.9	14.6
Mean	5.9	6.4	6.7	5.2	5.6	6.7	6.1	13.5	13.9	14.1	12.6	13.0	14.2	13.6	16.3	16.2	20.8	23.0	19.4	17.0	18.8

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	27.0	21.4	24.2	5.6	SSE	0.9	—	0.0	SSW	3.6	S	2.0	—	0.0	—	0.0	1.1	1.0
2	27.8	17.2	22.5	10.6	—	0.0	—	0.0	NW	4.0	NW	1.7	NW	4.6	—	0.0	1.7	1.2
3	27.8	14.6	21.2	13.2	W	1.1	—	0.0	NW	1.5	—	0.0	—	0.0	SE	2.0	0.8	1.0
4	29.3	19.4	24.4	9.9	—	0.0	SSW	1.5	E	4.2	SSE	3.4	WNW	2.6	WSW	0.7	2.1	2.2
5	25.6	19.6	22.6	6.0	SW	3.8	SW	4.4	NE	4.2	NNW	2.2	SW	0.9	—	0.0	2.6	2.7
6	26.1	18.2	22.2	7.9	—	0.0	—	0.0	W	2.8	—	0.0	SSE	4.6	—	0.2	1.3	1.0
7	26.6	18.3	22.5	8.3	—	0.0	—	0.0	—	0.2	—	0.4	SSE	4.8	SSE	2.6	1.3	1.6
8	21.8	17.8	19.8	4.0	SSW	1.1	—	0.0	—	0.0	—	0.4	—	0.0	—	0.0	0.3	0.5
9	24.7	15.6	20.2	9.1	NNW	1.3	NW	0.7	NW	1.7	—	0.2	—	0.0	ESE	0.7	0.8	0.9
10	26.2	12.6	19.4	13.6	NNW	3.4	NNW	1.1	—	0.4	—	0.0	—	0.0	—	0.0	0.8	1.1
11	21.2	12.0	16.6	9.2	—	0.0	—	0.0	—	0.0	—	0.0	S	2.4	SE	2.4	0.8	1.3
12	26.9	18.6	22.8	8.3	—	0.0	ESE	2.6	E	0.9	NE	3.0	E	1.3	S	3.0	1.8	1.8
13	26.2	17.6	21.9	8.6	SSE	1.7	SE	2.6	NNW	2.0	W	4.2	NNE	1.1	ENE	3.0	2.4	3.3
14	18.7	16.8	17.8	1.9	E	1.5	—	0.0	SSE	4.0	SSE	2.8	SSE	1.5	—	0.0	1.6	1.6
15	19.3	16.0	17.7	3.3	SSE	1.7	—	0.0	—	0.0	SSE	1.3	—	0.0	—	0.0	0.5	0.5
16	24.7	17.8	21.3	6.9	—	0.0	—	0.0	—	0.2	—	0.4	—	0.2	S	2.0	0.5	0.8
17	27.3	16.1	21.7	11.2	SE	2.2	—	0.0	—	0.2	SSE	0.7	—	0.0	WSW	0.7	0.6	1.0
18	23.6	12.0	17.8	11.6	SW	0.9	NNW	0.9	E	1.1	WNW	5.2	NW	3.6	E	1.3	2.2	2.3
19	22.0	10.2	16.1	11.8	S	1.7	W	2.2	N	2.0	NNW	0.9	SE	3.0	—	0.0	1.6	1.1
20	22.8	13.8	18.3	9.0	NW	1.3	WNW	1.3	—	0.0	ESE	3.0	S	0.9	—	0.2	1.1	1.5
21	25.2	13.0	19.1	12.2	—	0.0	—	0.0	—	0.4	—	0.0	—	0.2	—	0.0	0.1	0.4
22	23.5	11.2	17.4	12.3	—	0.0	—	0.0	—	0.0	NNW	1.5	—	0.0	—	0.2	0.3	0.6
23	22.0	10.0	16.0	12.0	—	0.0	W	1.3	—	0.0	NNW	2.4	N	3.0	SE	0.9	1.3	1.2
24	22.3	9.2	15.8	13.1	SW	0.9	SW	0.9	SSE	2.6	SSE	6.5	SE	3.2	SSW	1.7	2.6	2.6
25	23.7	14.5	19.1	9.2	—	0.0	SE	4.6	SSE	7.1	SSE	7.1	SSE	6.3	SSE	4.4	4.9	4.4
26	18.7	15.6	17.2	3.1	W	2.8	—	0.0	—	0.0	—	0.2	—	0.0	—	0.0	0.5	1.0
27	24.6	12.9	18.8	11.7	—	0.0	WNW	2.6	NNW	2.0	W	1.1	SSE	3.0	SSW	0.7	1.6	1.9
28	19.9	12.2	16.1	7.7	E	0.7	E	0.7	SE	5.7	ESE	5.2	SE	4.0	SSW	1.3	2.9	2.5
29	20.3	12.7	16.5	7.6	E	0.9	—	0.0	—	0.4	—	0.0	WNW	1.7	—	0.2	0.5	1.5
30	21.6	9.5	15.6	12.1	NNW	4.6	NE	2.2	NW	3.0	N	1.7	NW	1.1	NW	1.5	2.4	2.5
Mean	23.9	14.9	19.4	9.0		1.1		1.0		1.8		1.9		1.8		1.0	1.4	1.6

SEPTEMBER, 1952.

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	H	L	H	M	L	H	M	L	H	M	L	H	M	L
1	24.8	25.2	26.6	28.3	28.8	27.3	26.8	10	10	10	10	9	10	9.8	—	—	st	—	—	st	—	—	sc	—	as	sc	—	ac	sc	—	—	sc,st
2	27.3	25.8	23.0	22.5	20.1	19.3	23.0	10	10	10	10	7	9	9.3	—	—	ns	—	—	sc,st	—	as	sc	cs	ac	sc	cc	—	sc	cs,cc	—	sc
3	17.6	17.5	20.8	20.6	24.9	21.5	20.5	10	6	8	10	10	10	9.0	cs	—	—	cs,cc	—	sc	cs	ac	sc	cs	ac	sc	cs	ac	sc	cs	ac	c
4	22.3	22.8	27.5	28.5	24.7	20.5	24.4	10	10	10	9	9	9	9.5	—	as	sc	—	—	sc	—	ac	sc,st	—	ac	st,sc	—	ac	sc	—	—	sc
5	19.3	18.8	21.7	20.6	20.8	21.2	20.4	10	10	10	9	10	10	9.8	—	—	sc	—	—	sc	cs	—	sc	—	—	sc	—	—	sc	—	—	sc
6	21.0	20.9	21.5	21.3	22.3	21.4	21.4	10	9	9	10	10	10	9.7	—	—	sc,ns	—	—	sc,st	—	ac	sc	—	—	sc	—	—	ns,sc	—	—	ns
7	21.0	20.8	21.9	19.9	20.2	20.1	20.7	10	10	9	9	9	10	9.5	—	—	st	—	—	st	cs	—	sc	cs	—	cu	cs	—	sc	cs	—	sc,st
8	20.3	20.0	22.0	22.6	22.7	22.3	21.7	10	10	10	10	10	10	10.0	—	ac	sc,st	—	ac	sc	—	—	ns	—	—	st	—	—	st	—	—	≡
9	21.4	20.1	21.3	21.2	21.5	16.7	20.4	10	10	10	6	9	6	8.5	—	—	st	cs	—	=	—	as	st	ci	ac	cu	ci	—	cu	—	ac	—
10	15.4	15.5	16.4	16.2	18.4	15.2	16.2	8	0	0	2	2	2	2.3	—	ac	—	ci	—	—	—	ac	sc	cc	—	cu	cc	—	sc	—	ac	—
11	13.2	14.6	17.5	21.9	21.5	22.6	18.6	6	10	10	10	10	10	9.3	—	ac	—	—	as	st	—	ac	—	—	—	ns	—	—	ns	—	—	ns
12	21.4	21.8	24.8	23.2	24.0	21.8	22.8	10	9	10	10	10	10	9.8	—	—	sc	—	—	sc	ci	ac	sc	ci,cc,cs	—	sc	cs	—	sc	cs	as	—
13	21.4	22.1	22.3	16.9	16.9	17.4	19.5	10	10	9	8	9	9	9.2	—	as,ac	—	cs,ci,cc	—	sc	cc,ci	—	sc	cc	ac	sc	—	ac	sc	—	—	sc
14	18.5	18.4	18.3	20.2	18.7	18.3	18.7	10	10	10	10	10	10	10.0	—	—	st	—	—	st	—	—	ns	—	as	sc	—	as	sc	—	—	sc
15	18.0	17.7	18.3	19.4	20.0	18.6	18.7	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	st	—	as	ns	—	—	st	—	—	st
16	19.9	20.2	20.1	22.2	22.7	21.9	21.2	10	10	10	10	10	10	10.0	—	—	ns	—	—	st	—	—	st	—	as	sc	—	as	sc	—	—	st
17	21.8	21.4	22.2	20.6	20.3	19.3	20.9	10	10	5	2	3	8	6.3	—	—	st	—	—	=	cs	—	cu	—	—	cu	—	—	cu	cs	—	sc
18	14.8	15.9	17.3	13.5	13.3	13.9	14.8	0	10	6	2	2	0	3.3	—	—	—	—	—	≡	cc	—	cu	—	—	cu	—	—	cu	—	—	—
19	12.9	12.5	14.6	15.4	17.2	17.0	14.9	10	10	10	10	9	10	9.8	cs	—	—	cs,ci	—	sc	—	—sc,cu		cs	—sc,cu		—	—	sc	—	—	sc
20	16.0	14.9	15.5	18.6	17.5	16.3	16.5	10	10	8	6	6	0	6.7	—	—	st	—	—	sc,st	—	acsc,cu		cs	—sc,cu		cs	—	sc	—	—	—
21	17.1	16.0	18.4	17.6	18.2	15.5	17.1	10	10	9	2	2	0	5.5	—	—	sc	—	—	sc	ci	—	cu	cs	—	cu	cc,ci	—	cu	—	ac	—
22	13.5	14.0	17.9	17.3	17.0	13.9	15.6	1	10	8	10	2	0	5.2	—	—	sc	—	ac	sc	—	ac	cu	—	ac	sc	—	—	sc	—	—	—
23	12.1	13.3	15.0	15.4	15.0	13.5	14.1	0	7	7	6	7	1	4.7	—	—	—	—	ac	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
24	11.8	11.8	16.3	17.5	18.2	17.2	15.5	0	10	10	10	8	10	8.0	—	—	—	—	—	≡	cs	—	cu	cs	—	cu	ci,cs	—	—	cs	—	—
25	15.8	18.7	19.4	19.9	20.4	21.0	19.2	10	10	10	10	10	3	8.8	—	as	—	cs	as	—	—	as	—	—as,ac		sc	—	as	sc	—	—	sc
26	18.0	19.0	20.4	18.4	17.9	17.7	18.6	4	10	10	10	10	10	9.0	—	—	sc	—	—	sc	—	—	ns	—	—	ns	—	—	st	—	—	ns
27	17.0	15.0	16.1	15.4	16.9	15.5	16.0	10	6	2	2	6	4	5.0	—	—	ns	—	ac	sc	cc	—	cu	—	—	cu	—	—	sc	—	—	sc
28	13.9	15.2	15.9	15.0	15.2	16.5	15.3	0	10	10	10	10	10	8.3	—	—	—	—	—	sc	—	—	sc	—	—	sc	—	—	st	—	—	ns
29	16.5	16.7	17.7	18.3	14.3	14.0	16.3	10	10	10	9	1	5	7.5	—	—	ns	—	—	ns	—	—	ns	—	—	sc	cs	—	sc	—	—	sc
30	12.5	11.5	11.4	10.5	13.5	11.6	11.8	0	0	1	2	4	8	2.5	—	—	—	—	—	sc	ci	—	cu	ci	—	cu	ci	—	—	—	as	—
Mean	17.9	17.9	19.4	19.3	19.4	18.3	18.7	7.6	8.9	8.4	7.8	7.5	7.1	7.9																		

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	—	152	(1.7)	0.7	97	98	88	81	92	97	92	—	—	—	—	—	—	—	—	S
2	2.7	147	4.0	1.3	99	98	82	62	78	91	85	—	0.5	0.0	0.0	—	—	0.5	≡, ●, ◊	◊, ⌓
3	6.1	235	3.3	1.2	98	98	66	57	84	94	83	—	—	—	—	—	—	—	⌓, =, ◊	◊
4	3.2	147	(4.5)	2.0	95	93	89	74	81	74	84	—	—	—	—	0.0	—	0.0	⌓	☾, ●
5	1.6	190	(3.2)	1.3	75	70	71	70	80	91	76	0.1	—	—	—	—	0.0	0.1	◊	◊, ●
6	3.3	205	(0.3)	0.9	94	96	74	66	96	98	87	0.1	0.2	—	0.0	5.6	12.7	18.6	⌓, ●, ◊	◊, ●
7	6.2	205	(3.0)	1.1	97	97	78	60	87	95	86	3.5	—	—	—	—	—	3.5	●, ◊	◊
8	—	50	(1.3)	0.5	95	96	95	88	93	97	94	—	—	0.4	1.0	—	—	1.4	⌓, ●	●, ≡
9	3.1	160	2.7	1.3	98	98	83	73	88	90	88	—	—	—	—	—	—	—	≡, =	◊, S, ⌓
10	11.1	246	4.4	1.3	84	96	64	49	79	93	78	—	—	—	—	—	—	—	⌓, ◊	◊, ⌓
11	—	96	(3.7)	0.4	94	94	77	98	97	97	93	—	—	—	1.7	16.3	19.5	37.5	⌓, ●	●
12	1.7	121	(2.5)	1.0	98	99	81	65	88	94	88	0.2	—	—	—	—	—	0.2	◊	◊
13	2.9	—	(2.7)	1.6	97	97	71	60	72	86	81	—	0.2	—	—	—	—	0.2	●, ◊	◊
14	—	—	(0.7)	0.4	92	95	91	96	93	95	94	0.5	0.1	0.5	1.2	—	—	2.3	●	●
15	—	—	0.7	0.4	97	97	90	88	95	92	93	1.3	1.4	2.1	0.0	0.0	—	4.8	●	●
16	0.7	—	2.4	0.7	98	98	81	74	90	94	89	—	0.0	—	—	—	—	0.0	☽	☿
17	5.2	—	3.9	1.1	96	98	80	59	73	94	83	—	—	—	—	—	—	—	=	◊, ⌓
18	7.5	—	4.3	2.0	96	99	66	52	76	88	80	—	—	—	—	—	—	—	⌓, ◊, ≡	◊, ⌓
19	3.9	—	2.8	1.0	95	98	67	61	83	93	83	—	—	—	—	—	—	—	⌓, ◊, S	◊
20	2.4	—	3.5	1.0	96	94	83	70	89	95	88	—	—	—	—	—	—	—	—	⌓
21	6.8	—	(3.5)	0.8	97	95	76	59	92	95	86	—	—	—	—	5.9	—	5.9	⌓, S	◊, S, ●
22	2.8	—	(5.2)	0.7	97	99	79	71	85	95	88	—	—	—	0.3	—	—	0.3	—	◊, ●, ⌓
23	3.1	—	3.7	1.2	98	98	73	61	74	97	84	—	—	—	—	—	—	—	⌓, ◊	◊, ⌓
24	7.7	—	2.8	1.4	95	99	74	68	89	94	87	—	—	—	—	—	—	—	⌓, S, ≡	S, ⌓
25	—	—	(1.9)	1.4	96	96	82	69	79	91	86	—	—	—	—	—	—	—	S, ◊	—
26	—	—	(1.2)	0.4	95	96	97	97	97	97	97	—	—	2.0	2.7	2.7	0.0	7.4	⌓, ●	●
27	9.0	—	3.6	1.3	98	97	68	51	86	90	82	1.2	0.1	—	—	—	—	1.3	●, ◊	◊
28	—	—	(0.0)	1.0	97	97	76	69	81	95	86	—	—	—	—	—	3.8	3.8	☉	●
29	1.9	—	(2.7)	1.3	99	99	98	80	87	92	93	36.7	8.8	3.4	0.1	—	—	49.0	●	◊, ⌓
30	10.5	—	3.4	1.5	78	92	56	42	82	95	74	—	—	—	—	—	—	—	⌓, ◊	◊, ⌓
	103.3	1954	83.6	32.2	95	96	79	69	86	93	86	43.6	11.3	8.4	7.0	30.5	36.0	136.8		

OCTOBER, 1952.

Day	STATION PRESSURE (1000mb+)							M.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	11.7	10.7	8.8	6.8	8.0	8.2	9.0	19.4	18.4	16.4	14.3	15.6	15.9	16.7	9.1	8.9	16.1	18.3	14.8	11.7	13.2
2	7.0	7.9	7.7	6.4	6.8	7.6	7.2	14.6	15.7	15.1	14.0	14.4	15.3	14.9	10.7	7.6	17.3	18.3	14.9	12.3	13.5
3	6.2	6.0	5.8	3.7	4.2	4.8	5.1	14.0	13.7	13.4	11.1	11.8	12.4	12.7	9.8	10.3	14.7	18.3	15.5	14.8	13.9
4	3.7	4.4	4.7	3.4	5.6	7.4	4.9	11.3	12.0	12.2	10.8	13.2	15.1	12.4	14.0	13.1	18.7	19.5	13.3	10.0	14.8
5	7.2	9.8	10.3	9.1	10.1	12.3	9.8	15.0	17.5	17.8	16.5	17.6	20.0	17.4	7.7	7.5	14.5	20.0	13.1	8.9	12.0
6	12.5	14.6	15.6	14.2	16.2	17.9	15.2	20.3	22.4	23.2	21.6	23.9	25.7	22.9	7.5	6.3	15.0	20.8	12.1	8.1	11.6
7	18.5	19.9	19.3	17.3	17.7	18.2	18.5	26.4	27.9	26.9	26.2	25.4	26.0	26.5	6.4	5.9	15.5	19.5	14.9	13.5	12.6
8	16.3	15.5	16.0	12.0	11.7	11.0	13.8	24.0	23.3	23.6	19.6	19.2	18.4	21.4	12.9	13.4	19.1	18.7	18.5	18.6	16.9
9	9.9	8.7	8.3	6.5	7.4	7.7	8.1	17.3	16.3	15.7	13.8	14.8	15.1	15.5	18.4	18.2	20.9	23.4	19.5	18.3	19.8
10	5.8	6.0	4.4	2.7	3.8	3.6	4.4	13.3	13.5	11.8	10.1	11.3	11.1	11.9	15.2	14.9	20.9	21.2	16.6	13.7	17.1
11	2.1	1.1	999.0	994.4	994.1	994.8	997.6	9.7	8.7	6.5	1.7	1.6	2.4	5.1	12.5	11.2	16.8	18.6	17.2	15.9	15.4
12	996.8	0.0	3.1	4.0	7.9	11.5	3.9	4.3	7.7	10.6	11.5	15.6	19.4	11.5	14.7	13.4	16.8	15.1	11.3	8.7	13.3
13	14.4	16.7	18.5	18.7	22.0	24.9	19.2	22.1	24.6	26.2	26.2	29.7	32.8	26.9	7.4	8.4	13.6	17.7	11.9	7.8	11.1
14	25.1	26.4	26.1	23.1	23.0	22.1	24.3	33.1	34.3	33.9	30.7	30.6	29.8	32.1	5.5	6.3	13.8	18.3	15.2	13.9	12.2
15	19.8	19.0	17.7	12.7	10.3	6.1	14.3	27.6	26.5	25.2	20.2	17.8	13.7	21.8	12.1	12.3	20.0	19.5	16.9	16.1	16.2
16	1.5	998.4	1.4	2.1	5.9	7.3	2.8	8.9	5.8	8.8	9.4	13.4	14.9	10.2	16.7	16.9	18.7	18.7	14.9	13.4	16.6
17	7.0	9.1	9.8	7.3	10.1	11.0	9.1	14.6	16.9	17.3	14.9	17.7	18.8	16.7	13.2	8.1	15.6	18.8	12.9	9.4	13.0
18	12.6	13.5	15.5	14.9	17.4	19.9	15.6	20.4	21.2	23.1	22.4	25.2	27.9	23.4	8.2	6.5	15.3	17.4	10.6	6.2	10.7
19	20.5	21.2	21.6	18.0	18.6	18.3	19.7	28.5	29.2	29.3	25.6	26.3	26.2	27.5	3.8	3.1	11.3	18.5	11.5	7.5	9.3
20	17.6	17.6	17.4	15.3	15.6	17.1	16.8	25.5	25.6	25.2	22.8	23.3	25.0	24.6	6.0	2.8	12.4	19.3	13.4	8.9	10.5
21	15.9	16.6	15.9	12.2	12.5	11.4	14.1	23.8	24.3	23.6	19.7	20.2	19.1	21.8	8.5	7.3	11.5	18.2	12.8	10.7	11.5
22	8.1	4.9	0.4	996.4	995.8	1.1	1.1	15.8	12.6	8.0	3.9	3.3	8.7	8.7	10.9	10.5	14.4	14.3	14.1	10.1	12.4
23	3.7	6.3	8.6	8.2	11.1	11.8	8.3	11.4	14.1	16.3	15.9	18.9	19.7	16.1	8.3	8.1	12.0	12.0	9.0	6.6	9.3
24	10.7	11.1	12.2	10.4	11.2	11.3	11.2	18.6	19.0	20.0	17.9	19.0	19.2	19.0	5.3	5.8	7.2	13.7	9.1	5.8	7.8
25	11.5	12.4	10.9	6.3	6.5	10.6	9.7	19.4	20.2	18.6	13.9	14.2	18.4	17.5	6.9	7.5	11.1	13.2	9.7	7.3	9.3
26	13.1	16.6	20.0	20.3	21.6	23.6	19.2	21.0	24.6	27.9	28.1	29.6	31.8	27.2	6.6	5.3	7.3	8.5	5.4	1.2	5.7
27	23.4	23.9	22.5	19.0	18.2	17.1	20.7	31.5	32.0	30.5	26.7	26.0	24.9	28.6	−1.1	−1.3	3.4	10.5	9.2	8.7	4.9
28	14.7	14.1	12.0	7.7	7.4	6.4	10.4	22.6	22.0	19.8	15.3	15.0	14.1	18.1	6.8	5.5	11.5	17.0	13.5	12.1	11.1
26	4.2	4.0	4.7	3.6	6.5	10.0	5.5	11.9	11.8	12.2	11.0	14.2	17.7	13.1	10.1	10.0	16.7	19.3	12.3	6.2	12.4
30	10.9	13.1	14.5	11.9	14.4	14.7	13.3	18.7	21.1	22.2	19.5	22.0	22.6	21.0	6.5	2.9	10.8	18.1	11.1	4.9	9.1
31	13.6	12.1	10.7	6.7	5.3	2.7	8.5	21.5	20.3	18.4	14.4	12.8	10.4	16.3	2.4	0.2	9.3	14.7	12.5	12.3	8.6
Mean	11.2	11.7	11.7	9.5	10.5	11.4	11.0	18.9	19.5	19.3	17.1	18.2	19.1	18.7	9.1	8.3	14.3	17.4	13.2	10.4	12.1

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	19.0	8.9	14.0	10.1	NW	0.7	NW	1.3	NNW	5.7	NE	7.8	N	1.5	NW	3.4	3.4	3.7
2	18.9	7.1	13.0	11.8	NNW	3.6	WNW	1.3	NNW	3.2	NNE	3.0	NE	3.4	W	1.7	2.7	2.2
3	19.1	9.8	14.5	9.3	S	0.9	—	0.0	SE	2.2	SSE	6.3	SSE	3.3	ESE	1.1	2.3	2.6
4	20.2	9.0	14.6	11.2	WSW	1.3	SSE	1.1	NNW	3.4	NW	1.1	NE	0.7	W	0.7	1.4	1.8
5	20.4	7.2	13.8	13.2	—	0.0	—	0.0	—	0.0	SSW	0.9	WNW	1.7	—	0.2	0.5	0.9
6	21.3	5.2	13.3	16.1	—	0.2	—	0.0	—	0.2	SSW	1.7	SSE	2.6	WNW	1.1	1.0	0.9
7	21.2	5.8	13.5	15.4	—	0.4	NW	0.7	—	0.0	SSE	3.4	SE	3.0	—	0.0	1.3	1.6
8	19.9	12.7	16.3	7.2	W	1.1	NW	1.7	ESE	4.0	SE	4.2	ESE	5.7	SE	3.0	3.3	3.2
9	24.2	17.6	20.9	6.6	W	2.2	ENE	1.3	NNW	0.9	NW	5.2	NNW	2.2	NNW	4.6	2.7	2.7
10	24.2	12.5	18.4	11.7	N	1.1	—	0.0	NW	2.0	WSW	1.1	SSE	1.1	—	0.4	1.0	1.6
11	19.6	11.2	15.4	8.4	WNW	0.9	—	0.2	SE	2.8	SE	3.2	—	0.4	N	2.0	1.6	1.9
12	17.4	7.7	12.6	9.7	NNW	8.5	N	3.6	NW	3.8	WNW	5.5	WNW	1.3	E	0.7	3.9	4.1
13	18.2	6.8	12.5	11.4	N	0.7	W	0.9	—	0.0	W	1.1	NNW	1.1	W	0.7	0.8	1.2
14	19.0	5.1	12.1	13.9	—	0.2	NNW	1.3	W	0.7	E	1.5	—	0.4	—	0.0	0.7	0.7
15	20.9	11.5	16.2	9.4	E	0.9	—	0.0	SE	3.0	ESE	6.1	SE	3.8	SSE	5.9	3.3	3.5
16	20.2	11.8	16.0	8.4	SE	3.6	NNE	0.7	WSW	6.5	WSW	5.5	NW	1.7	NNW	1.7	3.3	3.0
17	19.0	8.1	13.6	10.9	NNW	3.6	—	0.4	NNW	3.0	N	4.6	—	0.0	N	0.9	2.1	1.8
18	18.0	5.6	11.8	12.4	NW	1.3	NW	1.1	N	4.0	WNW	4.0	—	0.0	NNW	0.7	1.9	1.8
19	18.8	2.7	10.8	16.1	—	0.0	—	0.4	NNW	1.1	SSE	2.0	SSW	2.6	WNW	1.1	1.2	1.3
20	20.6	2.8	11.7	17.8	NNW	1.1	—	0.0	NW	1.5	—	0.2	SSE	3.0	—	0.0	1.0	1.1
21	19.6	6.8	13.2	12.8	NNW	0.9	—	0.4	NE	0.7	SSE	1.5	S	1.3	—	0.2	0.8	0.7
22	14.8	9.6	12.2	5.2	—	0.4	SE	0.7	SSE	3.6	SE	3.6	NNE	1.3	WNW	4.8	2.4	2.7
23	13.7	5.3	9.5	8.4	W	9.6	WNW	4.2	NW	5.5	NW	5.5	NNW	3.0	—	0.0	4.6	4.0
24	15.2	5.0	10.1	10.2	—	0.0	NW	1.1	SE	1.7	—	0.0	ENE	0.9	W	1.1	0.8	0.5
25	14.5	5.8	10.2	8.7	WSW	0.9	NE	0.9	—	0.4	SSE	3.8	SSE	2.0	W	5.2	2.2	1.8
26	9.2	0.3	4.8	8.9	NE	2.0	NNW	4.6	NW	8.5	WNW	5.7	NNW	1.7	E	1.1	3.9	4.3
27	10.7	−2.0	4.4	12.7	—	0.4	—	0.4	—	0.2	S	2.8	S	0.7	—	0.4	0.8	1.2
28	17.9	4.4	11.2	13.5	—	0.2	—	0.4	—	0.4	SSE	4.6	S	0.9	N	1.1	1.3	1.3
29	20.1	5.2	12.7	14.9	—	0.4	NNW	1.1	NW	2.4	WNW	5.7	NW	2.0	NNE	0.7	2.1	2.1
30	19.0	2.4	10.7	16.6	N	1.3	NW	2.2	—	0.4	—	0.2	SE	3.2	—	0.0	1.2	1.4
31	16.6	0.0	8.3	16.6	NW	0.7	—	0.2	—	0.4	SSE	4.4	SSE	3.4	SSE	4.4	2.3	2.9
Mean	18.4	6.8	12.6	11.6		1.6		1.0		2.3		3.4		1.9		1.6	2.0	2.1

OCTOBER, 1952.

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	11.0	11.1	13.2	12.1	11.0	11.9	11.7	10	10	10	10	10	9	9.8	cs	—	—	ci,cs	as	—	—	as	—	—	as	sc	—	as	sc	—	ac	—
2	10.5	9.9	11.1	12.3	11.0	12.3	11.2	4	1	6	9	10	10	6.7	—	ac	—	—	ac	—	—	—	sc	—	—	sc	—	—	sc	—	—	sc
3	11.2	11.9	13.8	15.7	15.8	16.0	14.1	10	8	10	7	9	10	9.0	—	—	sc	—	—	sc	—	—	ns,sc	—	—	cu,sc	—	—	sc	—	—	sc
4	15.5	14.7	13.9	13.5	12.2	11.4	13.5	10	7	8	5	0	1	5.2	—	—	sc	—	—	sc,st	—	—	sc	—	—	sc,cu	—	—	sc	—	ac	sc
5	10.2	10.1	13.5	13.7	11.7	10.7	11.7	0	4	10	3	2	10	4.8	—	—	sc	—	—	sc,≡	—	—	sc	—	—	cu	—	—	sc	cs	—	—
6	10.1	9.4	11.4	10.1	11.6	10.2	10.5	9	10	7	6	5	7	7.3	ci,cs	—	—	ci,cs	—	—	ci	—	—	ci	—	—	ci	—	—	ci	—	—
7	9.2	9.3	12.8	14.0	14.0	14.3	12.3	10	10	5	10	10	10	9.2	cs	—	—	cc	—	≡	ci	—	—	—	as	sc	—	as	—	—	—	sc
8	14.2	14.9	19.7	20.4	20.1	20.8	18.4	10	10	10	10	10	10	10.0	—	as	sc	—	as	st	—	—	ns	—	—	ns	—	—	ns	—	—	ns
9	20.8	20.5	22.1	20.5	18.7	18.1	20.1	10	10	10	7	0	0	6.2	—	—	ns	—	—	st	—	—	st,sc	ci,cc	ac	cu	cc	—	—	cc	—	—
10	16.2	16.4	17.3	18.3	16.5	15.0	16.6	4	10	3	10	0	0	4.5	—	ac	—	ci	ac,as	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
11	14.2	13.0	17.5	19.1	18.5	15.4	16.3	9	10	10	10	10	10	9.8	—	—	sc	cs	ac	—	—	—	sc	—	—	ns	—	—	sc	—	as	sc
12	11.8	11.1	10.5	10.1	10.4	9.8	10.6	10	9	7	10	2	0	6.3	cs	—	sc	—	ac	sc	—	accu,sc		—	ac	sc	—	—	sc	—	—	sc
13	9.9	10.6	10.6	11.0	11.4	10.2	10.6	10	10	7	4	0	0	5.2	—	—	sc	—	ac	sc	—	—	sc	—	—	sc	—	—	sc	—	—	—
14	8.5	9.3	11.7	14.6	15.3	15.2	12.4	2	10	8	10	3	10	7.2	cs	—	—	—	—	sc,st	cs	ac	sc	—	—	sc	—	—	sc	—	as	—
15	13.8	14.0	18.1	14.9	16.3	17.4	15.8	10	9	10	10	10	10	9.8	—	—	≡	—	—	sc	cs	—sc,cu		cs,ci	—sc,cu		cs	—	sc	—	—	ns
16	18.4	18.9	14.9	11.4	12.3	11.8	14.6	10	10	10	9	10	9	9.7	—	—	ns	—	—	ns	—	—	sc	cs	—	sc	—	—	sc	—	—	sc
17	10.7	10.2	10.7	12.4	11.9	10.8	11.1	2	7	3	1	2	0	2.5	—	—	sc	ci,cc	—	sc	cc,ci	—	—	—	—	cu	cs	—	cu	—	—	—
18	10.5	9.3	10.9	9.8	9.8	9.0	9.9	0	0	1	0	0	0	0.2	—	—	—	—	—	cu	—	—	cu	—	—	cu	—	—	—	—	—	—
19	7.7	7.5	10.5	12.4	11.1	10.0	9.9	0	10	3	9	1	0	3.8	—	—	—	—	—	≡	ci	—	sc	cs,ci	—	sc	—	—	sc	—	—	sc
20	9.0	7.4	10.8	13.3	13.2	10.8	10.8	0	5	0	0	0	0	0.8	—	—	—	—	—	≡	—	—	cu	—	—	cu	—	—	—	—	—	—
21	10.5	10.0	12.8	12.5	13.0	12.4	11.9	10	10	10	9	9	10	9.7	—	—	=	—	—	=	—	—	=	cs,ci	—	—	—	—	sc	—	—	st
22	12.7	12.4	15.1	15.3	14.2	10.0	13.3	10	10	10	10	3	10	8.8	—	—	st	—	—	st	—	—	ns	—	—	ns	—	—	sc	—	—	ns
23	7.2	6.5	7.6	7.9	8.3	8.6	7.7	10	8	6	7	8	3	7.0	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	sc
24	8.5	8.5	9.7	11.2	10.7	9.0	9.6	10	10	10	0	0	0	5.0	—	as	—	—	as	—	—	—	sc	—	—	cu	—	ac	—	—	—	sc
25	9.9	9.7	8.8	9.6	11.2	7.6	9.5	10	9	10	10	10	3	8.7	—	—	st	ci	as	sc	cs	—	sc	—	—st,sc		—	—	ns	—	—	sc
26	5.8	5.9	5.5	6.8	6.7	6.2	6.2	10	9	9	6	0	0	5.7	—	—	sc	—	—	sc	—	—	sc	—	—	sc	—	—	—	—	—	—
27	5.3	5.4	6.7	8.6	9.6	10.1	7.6	0	10	10	10	10	10	8.3	—	—	—	cs	—	—	cs,ci	—	—	—	—	sc	—	—	sc	—	as	—
28	9.3	8.9	10.8	12.5	13.3	13.3	11.4	9	7	10	10	10	10	9.3	cs	—	—	—	—	sc	—	ac	cu	—	ac	cu	—	as	—	—	—	st
29	11.9	11.8	13.7	11.8	10.9	8.7	11.5	9	10	4	3	0	0	4.3	—	—	sc	—	—	sc	—	ac	cu	—	—	sc	—	—	sc	—	—	—
30	8.8	7.3	9.5	8.4	11.1	8.0	8.9	0	0	0	0	0	0	0.0	—	—	—	—	—	—	—	—	—	—	—	—	cs	—	—	—	—	—
31	7.1	6.1	10.1	12.1	12.0	12.7	10.0	0	10	10	10	10	10	8.3	—	—	—	—	—	≡	cs	ac	cu	—	as	sc	—	as	—	—	—	st
Mean	11.0	10.7	12.4	12.8	12.7	11.9	11.9	6.7	8.2	7.3	6.9	5.0	5.2	6.6																		

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	—	—	3.6	2.1	95	98	72	58	66	87	79	—	—	—	—	—	—	—	⊿,◊,ᔕ	◊,ϒ,Ⓤ
2	4.4	—	2.9	1.4	82	95	56	58	65	86	74	—	—	—	—	—	—	—	⊿,◊	◊
3	1.0	—	2.3	1.0	93	95	83	75	90	95	89	—	—	0.0	0.0	—	—	0.0	⊿,●	ᔕ
4	4.4	—	(2.3)	1.1	97	98	64	60	80	93	82	—	0.0	—	0.3	—	—	0.3	●,◊	●,◊,⊿
5	5.1	—	2.3	0.9	97	97	82	59	78	94	85	—	—	—	—	—	—	—	⊿,=,≡	◊,⊿
6	10.7	—	2.7	1.0	97	99	67	41	82	95	80	—	—	—	—	—	—	—	⊿,◊	◊,⊿
7	6.5	—	(2.5)	1.0	96	100	73	63	83	92	85	—	—	—	—	—	—	—	⊿,Ⓤ,≡,◊	◊
8	—	—	(1.5)	0.4	96	97	89	94	94	97	95	—	0.4	0.0	10.3	10.2	7.7	28.6	●	●
9	4.3	—	2.8	1.5	98	98	90	71	82	86	88	5.4	3.9	0.2	—	—	—	9.5	●,ϑ	◊
10	5.9	—	2.6	1.0	94	97	70	73	87	96	86	—	—	—	—	—	—	—	⊿,◊	⊿
11	—	126	(2.7)	1.9	95	98	91	89	95	85	92	—	—	—	0.2	0.0	—	0.2	⊿,≡,=,●,◊	●,⊿,ᔕ
12	4.0	298	2.2	1.4	70	72	55	59	78	87	70	—	—	—	—	—	—	—	◊	◊
13	5.7	330	2.6	0.9	96	96	68	54	82	96	82	—	0.3	—	—	—	—	0.3	⊿,●,◊	◊,⊿
14	3.5	282	(1.6)	0.5	94	97	74	70	89	96	87	—	—	—	—	0.1	—	0.1	⊿,◊	◊,●
15	3.2	229	(0.0)	1.5	98	98	77	66	85	95	87	—	—	—	—	—	0.4	0.4	⊿,≡	◊,ᔕ,●
16	1.1	174	2.7	1.4	97	98	69	53	72	77	78	1.7	30.2	3.3	—	—	—	35.2	●	—
17	8.3	390	3.4	1.4	71	95	60	57	80	91	76	—	—	—	—	—	—	—	⊿,◊	◊
18	10.0	401	3.1	1.5	96	96	63	49	77	94	79	—	—	—	—	—	—	—	⊿,◊	◊,⊿
19	7.9	361	2.4	0.9	95	98	78	58	82	96	85	—	—	—	—	—	—	—	⊿,≡	⊿
20	9.6	381	2.1	0.7	96	98	75	59	86	95	85	—	—	—	—	—	—	—	⊿,≡	◊,⊿
21	5.4	267	(1.7)	0.6	95	97	94	60	88	96	88	—	—	—	—	—	—	—	⊿,=,≡	⊿
22	—	59	(1.9)	1.7	98	98	92	94	89	81	92	—	—	0.3	3.1	0.0	0.2	3.6	●	●
23	7.5	380	2.3	1.2	66	60	54	56	72	88	66	0.0	—	—	—	—	—	0.0	◊	◊
24	4.7	217	1.4	0.4	96	92	96	71	93	97	91	—	0.0	2.0	—	—	—	2.0	⊿,●	◊,⊿
25	3.9	234	(2.3)	1.7	96	93	67	63	93	74	81	—	—	—	—	4.8	2.7	7.5	⊿,◊	●
26	3.4	206	2.4	1.3	59	66	54	61	75	93	68	—	—	—	—	—	—	—	ϒ,◊	◊,⊔
27	1.9	202	1.6	0.6	93	97	86	68	83	90	86	—	—	—	—	—	—	—	⊔,Ⲏ,◊,ϒ,ᔕ,	◊,ᔕ,⊖
28	3.1	248	(1.8)	0.7	95	99	80	64	86	94	86	—	—	—	—	—	0.2	0.2	=,●	⌊⊖ ●
29	6.5	287	3.0	1.5	96	96	72	53	76	92	81	—	—	—	—	—	—	—	—	◊,⊿
30	9.8	369	2.3	1.0	91	97	74	40	84	92	80	—	—	—	—	—	—	—	⊿,⊔,◊,ᔕ	◊
31	3.7	263	(1.7)	1.3	98	98	87	72	83	89	88	—	—	—	—	—	0.0	0.0	⊔,Ⲏ,≡	●
	145.3	5701	70.3	35.5	91	94	75	63	82	91	83	7.1	34.8	5.8	13.9	15.1	11.2	87.9		

NOVEMBER, 1952.

Day	STATION PRESSURE (1000mb+)							M.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	999.3	996.7	993.3	2.6	8.8	13.3	3.3	6.9	4.3	6.8	10.2	16.7	21.2	11.0	10.7	10.5	13.7	10.9	6.4	6.4	9.8
2	15.3	17.5	18.8	16.7	18.3	19.0	17.6	23.3	25.4	26.5	24.4	26.1	27.0	25.5	4.8	5.3	12.4	14.2	7.3	2.9	7.8
3	18.5	19.5	20.0	17.0	18.3	17.7	18.5	26.6	27.7	27.8	24.6	26.1	25.7	26.4	0.7	−1.0	9.9	17.4	10.3	4.5	7.0
4	17.3	17.1	16.7	13.8	13.5	12.8	15.2	25.3	25.2	24.4	21.2	21.2	20.6	23.0	3.7	0.7	10.7	19.7	11.1	10.0	9.3
5	10.1	8.2	6.1	3.4	2.7	2.5	5.5	17.9	15.9	13.8	11.0	10.4	10.1	13.2	10.1	10.4	11.6	13.4	13.2	12.8	11.9
6	0.7	0.9	0.9	1.2	4.4	7.0	2.5	8.3	8.6	8.4	8.7	12.2	14.9	10.2	12.1	9.9	15.1	14.6	8.9	7.2	11.3
7	7.8	10.6	12.3	8.3	7.6	3.6	8.4	15.5	18.4	20.0	16.0	15.4	11.3	16.1	6.7	3.5	10.5	13.0	9.0	9.7	8.7
8	1.7	6.6	10.1	10.1	13.1	14.1	9.3	9.4	14.3	17.8	17.7	21.0	22.0	17.0	8.9	8.6	9.1	9.9	4.1	0.2	6.8
9	14.9	15.6	16.8	15.4	17.6	18.6	16.5	23.0	23.7	24.7	23.2	25.6	26.7	24.5	0.1	0.6	6.2	10.7	6.6	2.2	4.4
10	18.6	19.1	17.7	14.4	15.3	15.0	16.7	26.7	27.3	25.6	22.0	23.0	22.8	24.6	−0.3	−1.9	6.5	14.2	11.3	9.2	6.5
11	14.6	14.6	13.8	9.4	7.9	4.8	10.9	22.5	22.5	21.6	17.0	15.6	15.5	19.1	3.1	3.7	7.3	13.9	10.5	9.9	8.1
12	2.5	4.9	7.0	9.4	11.6	11.8	7.9	10.2	12.6	14.7	17.1	19.5	19.8	15.7	9.0	11.7	10.5	7.2	4.1	3.5	7.7
13	10.1	10.0	12.9	11.8	16.7	18.2	13.3	17.9	18.0	21.0	19.9	24.8	26.3	21.3	2.3	0.6	−1.1	−0.9	−0.5	−0.3	0.0
14	18.4	19.2	20.3	16.9	16.8	14.5	17.7	26.5	27.3	28.3	24.8	24.8	22.4	25.7	0.1	−1.4	2.1	4.6	3.0	1.6	1.7
15	11.5	8.8	8.3	7.6	7.8	9.4	8.9	19.5	16.9	16.0	15.3	15.6	17.3	16.8	−0.9	−1.7	10.4	9.9	7.8	3.2	4.8
16	8.7	10.5	11.8	9.7	10.1	10.2	10.2	16.7	18.4	19.7	17.3	17.9	18.0	18.0	0.0	0.5	6.3	11.3	5.2	3.5	4.5
17	6.7	2.0	999.1	998.5	3.5	6.1	2.7	14.6	9.8	6.7	6.1	11.4	13.9	10.4	4.5	4.6	9.1	12.3	7.5	5.1	7.2
18	7.8	8.8	9.2	11.9	13.9	16.0	11.3	15.7	16.7	17.0	19.8	21.8	24.1	19.2	4.1	2.9	7.5	3.2	1.7	0.5	3.3
19	15.7	17.1	19.3	21.2	22.7	24.7	20.1	23.7	25.1	27.3	29.2	30.9	32.8	28.2	0.4	0.5	3.7	3.9	0.9	−0.3	1.5
20	25.6	26.1	27.5	25.1	25.1	23.8	25.5	33.7	34.3	35.7	33.2	33.1	31.8	33.6	−0.2	0.2	2.1	4.7	3.6	3.5	2.3
21	22.4	21.3	20.3	16.6	16.0	15.6	18.7	30.4	29.5	28.2	24.4	23.9	23.5	26.7	3.4	3.7	5.8	8.3	7.6	6.6	5.9
22	15.9	16.7	18.9	17.5	18.9	19.4	17.9	23.8	24.6	26.7	25.3	26.9	27.5	25.8	6.8	5.1	8.1	9.6	3.1	−0.5	5.4
23	18.2	18.5	19.2	16.9	17.2	17.5	17.9	26.4	26.6	27.3	24.8	25.2	25.6	26.0	−0.7	−0.7	1.9	5.9	0.9	−0.4	1.2
24	17.9	19.1	19.1	17.5	18.4	19.4	18.6	26.0	27.3	27.0	25.3	26.4	27.4	26.6	−1.8	−1.7	5.3	7.7	5.0	4.3	3.1
25	20.0	20.7	20.8	18.6	19.5	19.9	19.9	28.0	28.7	28.8	26.4	27.4	27.9	27.9	3.6	3.4	5.8	8.2	5.4	3.8	5.0
26	20.2	21.1	21.4	18.9	18.9	19.0	19.9	28.3	29.2	29.3	26.7	26.9	27.1	27.9	0.9	−0.6	6.0	11.3	4.0	−0.2	3.6
27	19.4	19.3	19.4	15.7	15.5	13.9	17.2	27.6	27.5	27.4	23.4	23.4	21.6	25.2	−2.4	−3.7	2.1	10.7	8.6	7.3	3.8
28	11.4	9.6	7.8	4.6	3.8	4.0	6.9	19.3	17.3	15.6	12.3	11.5	11.8	14.6	6.2	6.3	8.1	9.7	8.7	7.3	7.7
29	3.3	3.7	7.1	8.0	12.7	14.9	8.3	11.1	11.4	14.8	15.7	20.4	22.9	16.1	6.3	7.0	10.1	11.8	6.9	4.0	7.7
30	15.2	16.3	16.8	12.6	12.2	12.7	14.3	23.3	24.4	24.7	20.3	20.0	20.6	22.2	1.6	−0.9	7.2	11.4	6.7	5.0	5.2
Mean	13.0	13.3	14.0	12.4	13.6	14.0	13.4	20.9	21.3	21.8	20.1	21.5	22.0	21.3	3.5	2.9	7.5	10.1	6.3	4.4	5.8

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	14.3	5.7	10.0	8.6	SE	4.8	SSW	1.7	W	4.8	WNW	6.7	WNW	5.0	NW	6.3	4.9	5.8
2	14.4	2.0	8.2	12.4	N	5.2	NNW	5.0	SE	1.7	NNW	4.4	SE	0.9	W	0.7	3.0	2.8
3	18.0	2.8	10.4	15.2	WNW	1.1	—	0.2	NNW	1.1	WSW	0.9	SE	2.8	—	0.4	1.1	1.0
4	19.8	0.7	10.3	19.1	—	0.2	—	0.4	—	0.4	SSW	1.7	SSE	2.6	—	0.2	0.9	1.1
5	13.5	9.9	11.7	3.6	—	0.4	NNW	0.9	—	0.4	W	1.3	NW	0.7	—	0.0	0.6	0.5
6	16.0	6.6	11.3	9.4	—	0.0	—	0.0	NNW	4.6	WNW	7.6	NW	10.1	NNW	11.0	5.6	5.1
7	13.0	3.4	8.2	9.6	NNW	9.3	S	1.1	W	2.6	E	2.4	ESE	2.2	SE	5.4	3.8	3.9
8	11.4	0.5	6.0	10.9	SW	2.4	WNW	4.2	W	5.2	NW	3.0	NW	2.2	W	0.7	3.0	4.7
9	12.0	−1.3	5.4	13.3	NW	0.9	—	0.2	W	0.9	NW	2.4	—	0.4	—	0.0	0.8	0.9
10	14.4	−2.0	6.2	16.4	SSE	1.3	WSW	1.1	W	0.7	SSE	8.4	SSE	4.4	SSE	3.4	3.2	2.7
11	14.6	2.7	8.7	11.9	SSE	0.7	—	0.2	—	0.2	SSE	3.6	N	0.7	N	2.6	1.3	1.2
12	13.3	3.2	8.3	10.1	ENE	1.1	NW	9.8	NNW	11.2	WNW	6.9	NW	6.1	NNW	6.5	6.9	7.0
13	3.2	−1.8	0.7	5.0	NNW	5.2	NNW	4.6	WNW	5.7	WNW	14.2	NW	7.6	NNW	8.0	7.6	6.6
14	5.1	−1.4	1.9	6.5	N	4.6	—	0.4	ENE	0.9	—	0.4	NW	0.7	—	0.4	1.2	1.3
15	12.0	−1.8	5.1	13.8	WNW	0.7	SE	0.7	NNW	2·2	NNE	2.8	NW	7.3	W	0.9	2.4	3.0
16	11.8	−0.3	5.8	12.1	NW	0.7	—	0.2	NW	1.3	NW	0.7	SSE	1.5	—	0.0	0.7	1.3
17	14.9	4.2	9.6	10.7	—	0.2	ENE	1.3	SSE	0.7	WNW	11.0	WNW	7.6	WNW	3.6	4.1	4.2
18	8.0	0.3	4.2	7.7	WNW	2.4	SE	0.7	NW	0.7	NW	7.6	NW	3.6	NNW	1.7	2.8	3.0
19	4.9	−0.4	2.3	5.3	SE	1.1	—	0.4	N	1.1	NW	4.0	N	0.9	NNW	0.9	1.4	1.6
20	4.8	−0.3	2.3	5.1	NNW	1.5	—	0.4	—	0.4	NW	2.6	NW	0.9	NW	1.3	1.2	1.3
21	8.6	3.2	5.9	5.4	NW	2.0	NW	1.1	NNW	2.0	—	0.0	ESE	0.9	—	0.0	1.0	0.9
22	10.2	−1.0	4.6	11.2	—	0.4	NW	2.6	NW	5.0	W	5.2	WSW	3.0	W	2.2	3.1	3.3
23	6.1	−1.8	2.2	7.9	N	1.3	NW	1.1	NNW	2.8	—	0.2	—	0.0	W	1.5	1.2	0.7
24	7.9	−2.4	2.8	10.3	WNW	1.1	SE	1.1	—	0.4	—	0.0	—	0.0	NW	0.9	0.6	0.5
25	8.8	3.0	5.9	5.8	—	0.0	—	0.4	—	0.0	ESE	0.9	ESE	1.5	—	0.0	0.5	0.4
26	12.6	−1.2	5.7	13.8	—	0.0	—	0.2	—	0.0	ENE	0.9	—	0.0	—	0.0	0.2	0.5
27	14.4	−4.2	5.1	18.6	N	1.1	NNW	0.9	NW	1.3	—	0.4	S	3.0	—	0.0	1.1	1.4
28	9.9	6.0	8.0	3.9	—	0.0	WNW	0.9	NNW	0.9	NW	1.3	NW	3.2	NW	4.6	1.8	1.8
29	12.5	1.7	7.1	10.8	W	2.2	NNW	4.6	NNW	5.4	WNW	7.3	NNW	4.2	NW	1.7	4.2	4.0
30	11.5	−1.4	5.1	12.9	NNW	1.5	SE	1.3	E	1.1	SSE	4.0	NW	1.1	NW	5.0	2.3	1.5
Mean	11.4	1.2	6.3	10.2		1.8		1.6		2.2		3.8		2.8		2.3	2.4	2.5

NOVEMBER, 1952.

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	12.1	12.1	9.7	9.1	6.5	6.8	9.4	10	10	7	9	3	6	7.5	—	—	ns	—	—	sc,st	—	—	sc,ns	—	—	sc,ns	—	—	sc	—	—	sc
2	7.0	6.9	7.8	8.0	8.2	7.0	7.5	0	1	0	0	0	0	0.2	—	—	sc	—	—	sc	—	—	cu	—	—	cu	—	—	—	—	—	—
3	6.1	5.5	9.3	10.4	9.7	7.7	8.1	0	5	1	0	0	0	1.0	—	—	—	—	—	≡	—	ac	—	—	—	—	—	—	—	—	—	—
4	7.8	6.1	10.0	14.4	11.1	11.1	10.1	10	1	2	1	0	10	4.0	—	—	sc	ci	—	=	c3	—	—	ci	—	—	—	—	—	—	ac	—
5	11.3	12.0	12.3	14.2	14.4	14.6	13.1	10	10	10	10	10	10	10.0	—	as	—	—	—	st	—	—	ns	—	—	st	—	—	st	—	—	≡
6	14.0	12.0	12.8	10.3	7.3	6.1	10.4	10	10	10	8	0	2	6.7	—	—	≡	—	as	—	—	as	sc	cs	ac	sc	—	—	—	—	—	sc
7	6.7	6.6	7.0	6.8	8.5	9.6	7.5	9	9	3	4	10	9	7.3	—	—	sc	—	—	sc	—	—	cu	cs	ac	—	—	—	sc	—	—	sc
8	11.1	8.5	7.4	6.9	6.8	6.0	7.8	10	6	9	10	0	0	5.8	—	—	ns	—	—	sc	—	—	sc	—	—	sc,st	—	—	sc	—	—	—
9	5.9	6.3	7.4	8.5	7.4	6.8	7.1	10	9	7	10	0	8	7.3	—	ac	—	—	—	sc,st	—	ac	sc	—	—	sc	—	—	sc	—	—	sc
10	5.9	5.0	7.5	11.4	11.0	10.5	8.6	0	0	0	6	8	4	3.0	—	—	—	—	—	—	—	—	sc	—	—	sc	—	—	sc	—	—	sc
11	7.3	7.8	10.1	10.1	11.1	11.0	9.6	0	10	10	10	10	10	8.3	—	—	—	—	—	≡	—	—	≡	—	as	—	—	as	—	—	—	ns
12	10.9	10.0	7.5	6.4	5.1	4.7	7.4	10	4	10	10	8	10	8.7	—	—	sc	—	—	sc	cs	—	sc	—	as	sc	—	—	sc	—	—	sc
13	5.1	6.3	5.5	5.4	4.2	4.7	5.2	3	10	10	4	8	6	6.8	—	—	sc	—	—	ns	—	—	ns	—	—	sc	—	—	sc	—	ac	sc
14	5.1	5.1	5.0	6.0	6.7	6.5	5.7	6	10	10	10	10	10	9.3	—	—	sc	—	—	sc	—	—	sc	—	as	sc	—	as	—	—	—	st
15	5.5	5.2	9.0	8.4	5.6	6.6	6.7	0	0	8	8	4	3	3.8	—	—	—	—	—	cu	—	—	sc	—	—	sc	—	—	sc	—	—	sc
16	5.8	5.8	6.5	7.7	8.0	7.1	6.8	3	6	0	0	0	10	3.2	—	—	sc	—	—	sc	—	—	—	—	—	—	—	—	—	—	ac	—
17	7.8	8.2	10.7	9.2	8.1	7.9	8.7	10	10	9	4	1	3	6.2	—	as	—	—	—	ns	—	—	ns,sc	—	—	ns,cu	—	—	st	—	—	ns
18	7.2	7.2	8.2	6.8	6.3	6.2	7.0	3	7	10	10	10	10	8.3	—	—	ns	—	—	sc,ns	—	as	st,sc	—	—	ns	—	—	st	—	—	ns
19	6.2	6.1	6.9	5.4	5.2	5.4	5.9	10	10	10	9	6	10	9.2	—	—	st	—	—	st	—	—	sc	cs	—	sc	—	—	sc	—	ac	—
20	5.5	5.5	5.6	5.8	6.6	7.1	6.0	10	10	10	10	10	10	10.0	—	ac	—	—	ac	—	—	as	—	—	—	sc	—	—	sc	—	—	sc
21	7.2	7.2	7.5	8.7	9.5	9.3	8.2	10	10	10	10	10	8	9.7	—	as	—	—	as	—	—	as	st	—	—	st	—	—	sc	—	—	sc
22	8.6	6.3	6.9	7.3	5.7	5.4	6.7	3	4	5	3	0	0	2.5	—	—	sc	—	ac	sc	—	—	cu	—	—	cu	—	—	—	—	—	—
23	5.4	5.3	5.7	6.5	6.0	5.7	5.8	3	6	10	10	0	0	4.8	—	ac	—	cs	ac	—	cc	as	—	cc	ac	—	ci	—	—	—	—	—
24	5.2	5.3	6.6	6.6	7.3	6.1	6.2	0	10	7	10	10	10	7.8	—	—	—	—	as	—	—	ac	—	—	as	—	—	as	—	—	as	—
25	6.5	6.4	6.8	7.5	7.8	7.7	7.1	10	10	10	10	10	10	10.0	—	—	st	—	—	sc	cs	as,ac	sc	cc	as	—	—	as	—	—	as	—
26	6.4	5.7	7.3	6.7	7.1	5.8	6.5	0	0	0	0	6	4	1.7	—	—	—	—	—	—	—	—	—	—	—	—	cs	—	—	—	ac	—
27	4.9	4.4	5.9	7.8	8.3	8.3	6.6	0	2	7	9	10	10	6.3	—	—	—	ci	—	—	cc,cs,cl	—	—	cc	—	sc	—	—	sc	—	—	sc
28	8.7	9.3	10.1	11.2	11.1	9.6	10.0	10	10	10	10	10	10	10.0	—	—	st	—	—	ns	—	—	st	—	—	ns	—	—	ns	—	—	ns
29	9.3	8.8	8.1	6.4	6.2	6.0	7.5	10	6	0	0	0	2	3.0	—	—	st	ci	—	sc	—	—	—	—	—	—	—	—	—	—	—	sc
30	6.3	5.5	7.0	8.3	8.4	7.8	7.2	7	0	2	10	10	10	6.5	—	—	sc	cs	—	sc	cs	—	—	ci	—	sc	—	—	sc	—	—	sc,ns
Mean	7.4	7.1	7.9	8.3	7.8	7.5	7.7	5.9	6.5	6.6	6.8	5.5	6.5	6.3																		

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	4.7	265	(3.3)	2.2	94	95	62	70	68	70	77	2.2	0.0	0.6	0.3	0.1	—	3.2	●	●,◸
2	9.5	350	2.3	1.1	81	77	54	49	80	94	73	—	—	—	—	—	—	—	◊	◊,⊔
3	9.0	337	2.4	0.8	95	98	76	52	78	91	82	—	—	—	—	—	—	—	⊔,⊟,≡,=,◊	◊,⌓
4	9.0	324	(1.9)	0.8	98	95	78	63	84	90	85	—	—	—	—	—	—	—	⊟,=,ᔕ	◊,ᖰ
5	—	33	(0.3)	0.2	92	95	90	93	95	99	94	—	0.1	0.2	0.3	—	—	0.6	☽,●,◷	≡
6	1.6	157	3.5	3.4	99	99	74	62	64	60	76	—	—	—	—	—	—	—	≡	◸
7	6.8	271	(3.4)	2.0	68	85	55	46	74	80	68	—	0.0	—	—	—	—	0.0	◊,●	◊,●
8	2.0	180	(1.6)	0.9	98	76	64	56	84	97	79	1.2	0.0	—	—	0.2	—	1.4	●,◊,◸	◊,●,⊟,⊔
9	3.0	223	1.3	0.5	96	98	78	66	76	95	85	—	0.1	—	—	—	—	0.1	⊟,⊔,●	◊,⊔
10	6.1	271	1.7	1.0	98	94	77	70	82	90	85	—	—	—	—	0.0	—	0.0	⊔,⊟,ᔕ	●,ᖯ,⌓
11	1.3	142	(1.8)	1.5	95	98	99	64	87	90	89	—	—	—	—	—	0.0	0.0	⌓,≡,=	=,◊,ᔕ,●
12	1.9	183	(1.7)	1.3	95	72	59	63	62	59	68	0.0	—	—	—	—	—	0.0	●,◊,◸	◊
13	3.6	—	(1.2)	1.1	71	98	97	95	71	78	85	—	0.4	9.9	1.3	—	—	11.6	⊟,⚹,⚸,⚸,⚿,	⚸,⚸,⊟,⊠
14	1.7	165	1.2	0.4	82	93	71	71	89	95	84	—	—	—	—	—	—	—	⊟,◊,⊠ [⊠	◊
15	6.0	222	2.2	1.3	96	97	71	68	53	86	79	—	—	—	—	—	—	—	⊟,⊔,◊,◠	◊
16	8.5	286	(2.1)	0.8	95	91	68	57	91	91	82	—	—	—	—	—	—	—	⊟	◊
17	5.6	203	(2.2)	1.2	93	97	93	64	78	90	86	—	1.2	0.3	0.3	0.1	0.2	2.1	◠,●	●,◊,◠,◸
18	1.0	134	(0.5)	0.5	88	95	79	89	92	98	90	0.3	0.1	0.3	0.8	0.7	0.6	2.8	●	●,⚹,⚿,⊠
19	4.0	230	2.0	0.7	98	97	86	67	79	91	86	0.7	—	0.0	—	—	—	0.7	⚹,⊠	⊟
20	0.3	117	3.6	0.6	91	89	78	68	83	90	83	0.0	—	—	—	—	—	0.0	⊟,△	—
21	—	96	(1.5)	0.8	92	91	82	80	91	96	89	—	—	—	—	—	0.2	0.2	—	●
22	8.2	—	2.5	1.1	87	72	64	61	75	92	75	0.2	—	—	—	—	—	0.2	◊	◊,⊔,⊟
23	0.6	144	1.2	0.4	94	92	82	70	91	96	88	—	—	—	—	—	—	—	⊟,⊔	ᔕ,⊟,⊔
24	2.8	161	1.7	0.8	97	91	75	63	84	74	81	—	—	—	—	—	—	—	⊟,⊔	◊
25	1.0	131	1.1	0.4	82	82	74	69	87	95	82	—	—	—	—	—	—	—	—	◊,ᔕ
26	8.3	257	3.1	0.9	98	98	78	50	88	96	85	—	—	—	—	—	—	—	⊟,⊔,ᔕᔕ	◊,ᖰ,⊔,⊟
27	6.0	221	(1.6)	0.7	96	95	84	60	74	81	82	—	—	—	—	—	—	—	⊟,⊔,ᔕᔕ	ᔕᔕ
28	—	75	(0.0)	0.5	92	97	93	93	99	93	95	—	0.8	0.2	0.1	2.9	8.6	12.6	●	●
29	7.9	243	3.2	1.7	97	88	65	46	62	73	72	3.6	—	—	—	—	—	3.6	◊,●	◊
30	7.6	234	(3.1)	1.4	91	95	69	62	85	90	82	—	—	—	—	—	0.1	0.1	⊟,⊔,◊	◊,●
	127.9	5652	59.2	31.0	92	91	76	66	80	87	82	8.2	2.7	11.5	3.1	4.0	9.7	39.2		

DECEMBER, 1952.

Day	STATION PRESSURE (1000mb+)							M.S.L. PRESSURE (1000mb+)							AIR TEMPERATURE °C						
	2	6	14	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	14.1	15.3	16.0	14.4	15.1	14.5	14.9	22.0	23.2	23.9	22.2	23.1	22.5	22.8	5.2	4.8	4.6	5.0	3.2	0.8	3.9
2	12.8	10.0	6.5	997.4	995.4	997.1	3.2	20.8	17.9	14.5	5.3	3.1	4.9	11.1	1.4	1.2	0.5	3.2	3.9	2.8	2.2
3	997.1	2.5	5.6	6.6	8.9	9.9	5.1	5.0	10.5	13.6	14.6	17.0	17.9	13.1	1.7	−0.4	−0.1	−1.9	−2.4	−2.9	−1.0
4	9.0	8.3	8.6	8.4	10.8	11.1	9.4	17.1	16.4	16.7	16.5	18.9	19.3	17.5	−3.3	−3.2	−0.2	0.1	−1.6	−2.9	−1.8
5	11.0	11.2	13.0	12.7	14.9	16.0	13.1	19.1	19.4	21.1	20.8	23.0	24.2	21.3	−3.4	−3.4	0.7	3.6	−0.7	−1.3	−0.7
6	15.9	15.9	13.9	10.9	14.5	16.6	14.6	24.1	24.2	21.8	18.9	22.4	24.7	22.7	−3.3	−4.6	2.5	2.4	1.8	0.3	−0.1
7	17.7	18.4	18.5	13.3	14.7	15.6	16.4	25.8	26.3	26.6	21.2	22.7	23.7	24.4	−0.1	−1.3	2.7	4.7	0.9	0.6	1.3
8	15.7	16.4	17.5	15.7	18.0	17.9	16.9	23.8	24.6	25.6	23.8	26.1	26.0	25.0	−1.1	−1.5	−0.6	0.6	−0.2	−0.8	−0.6
9	17.6	17.1	16.7	12.8	12.2	11.7	14.7	25.7	25.3	24.8	20.8	20.2	19.8	22.8	−3.0	−4.4	−3.2	3.1	−1.2	−2.7	−1.9
10	10.2	8.6	8.5	5.8	6.2	5.8	7.5	18.4	16.7	16.6	13.8	14.2	13.8	15.6	−3.9	−4.5	−0.9	2.1	−1.1	−0.2	−1.4
11	6.7	6.6	9.2	11.8	15.5	17.5	11.2	14.7	14.6	17.2	19.8	23.8	25.7	19.3	−0.9	−1.5	0.9	−0.2	−3.6	−5.3	−1.8
12	19.0	20.1	20.9	18.7	18.3	17.4	19.1	27.2	28.4	29.1	26.7	26.5	25.5	27.2	−5.3	−5.3	−0.3	5.0	−1.0	−0.1	−1.2
13	17.5	17.6	19.7	17.8	19.7	21.4	19.0	25.6	25.7	27.7	25.7	27.7	29.4	27.0	−0.2	−3.2	5.7	7.6	4.0	2.5	2.7
14	22.3	23.3	22.7	20.0	19.3	19.5	21.2	30.5	31.5	30.7	27.8	27.4	27.6	29.3	−1.7	−2.5	3.2	9.8	2.3	0.7	2.0
15	17.1	15.5	14.4	10.5	13.8	17.0	14.7	25.2	23.7	22.4	18.2	21.6	25.0	22.7	−0.7	−0.9	0.8	8.9	6.9	4.1	3.2
16	17.4	18.2	18.1	14.6	13.3	11.3	15.5	25.4	26.3	26.1	22.5	21.3	19.3	23.5	2.4	1.4	2.1	3.7	0.3	0.2	1.7
17	7.7	7.2	9.4	7.0	9.2	10.4	8.5	15.7	15.2	17.2	14.8	17.1	18.3	16.4	0.4	0.3	4.2	7.1	3.1	0.3	2.6
18	9.3	9.5	8.5	10.0	13.1	13.7	10.7	17.2	17.5	16.4	17.8	21.2	21.7	18.6	−0.1	−0.1	3.7	2.9	−0.9	−2.1	0.6
19	14.2	13.9	14.5	11.7	10.5	7.8	12.1	22.2	22.0	22.5	19.8	18.6	15.8	20.2	−2.6	−3.7	−1.5	0.1	−2.6	−2.5	−2.1
20	12.0	13.4	14.5	13.8	14.4	13.0	13.5	20.2	21.5	22.6	21.8	22.5	21.1	21.6	−3.3	−3.4	−1.1	−0.8	−5.3	−4.2	−3.0
21	8.7	4.2	0.8	998.1	999.9	2.3	2.3	16.9	12.3	8.9	6.1	7.9	10.4	10.4	−4.7	−5.3	−3.4	−1.7	−2.3	−2.8	−3.4
22	3.8	3.0	5.6	0.3	1.9	5.2	3.3	11.9	11.1	13.7	8.3	10.0	13.3	11.4	−5.1	−5.3	−3.9	−2.4	−2.1	−2.5	−3.5
23	9.3	9.4	12.1	12.2	15.0	15.6	12.3	17.4	17.6	20.3	20.3	23.2	23.8	20.4	−4.3	−4.9	−3.1	−2.3	−2.7	−3.7	−3.5
24	15.6	16.9	16.3	13.7	14.7	15.0	15.4	23.9	25.2	24.6	21.7	22.8	23.4	23.6	−6.5	−9.5	−5.3	0.7	−4.7	−10.7	−6.0
25	13.9	12.9	12.8	9.5	8.2	7.6	10.8	22.3	21.3	21.1	17.6	16.3	15.7	19.1	−13.1	−12.7	−4.9	−1.3	−2.3	−2.7	−6.2
26	9.6	10.5	12.7	10.6	13.1	14.4	11.8	17.7	18.8	20.8	18.7	21.3	22.6	20.0	−5.2	−6.7	−3.9	−4.2	−5.7	−6.3	−5.3
27	13.4	13.4	13.9	12.0	11.2	9.0	12.2	21.6	21.6	22.0	20.2	19.4	17.1	20.3	−7.7	−7.8	−3.3	−3.1	−2.5	−3.9	−4.7
28	7.8	8.1	9.1	9.1	12.3	13.4	10.0	15.9	16.3	17.2	17.2	20.5	21.6	18.1	−4.1	−4.1	−2.3	−2.0	−4.5	−4.7	−3.6
29	14.6	16.5	18.1	17.1	18.7	19.1	17.4	22.8	24.8	26.4	25.2	26.9	27.4	25.6	−4.7	−6.1	−3.4	−2.7	−2.5	−5.5	−4.1
30	18.3	17.3	15.6	10.5	9.4	8.8	13.3	26.7	25.5	23.8	18.5	17.4	17.0	21.5	−6.5	−5.3	−3.1	−0.8	−0.9	−2.1	−3.1
31	10.0	10.2	10.9	9.6	11.9	11.6	10.7	18.0	18.3	19.0	17.5	19.9	19.7	18.7	−2.6	−4.1	−1.7	2.8	1.7	−0.9	−0.8
Mean	12.6	12.6	13.1	10.9	12.1	12.5	12.3	20.7	20.8	21.1	18.8	20.1	20.6	20.4	−2.8	−3.5	−0.5	1.6	−0.7	−1.9	−1.3

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	5.7	0.9	3.3	4.8	NW	1.3	NW	3.8	NNW	5.5	NW	3.4	—	0.0	—	0.4	2.4	3.1
2	4.5	0.5	2.5	4.0	W	0.9	NW	1.1	—	0.2	SSE	4.6	—	0.0	N	3.4	1.7	2.1
3	3.2	−2.6	0.3	5.8	NW	6.9	WNW	7.3	WNW	9.3	NNW	2.6	E	1.5	—	0.4	4.7	4.7
4	1.4	−4.1	−1.3	5.5	—	0.4	—	0.0	NNW	1.3	NW	3.8	W	1.3	NW	3.2	1.7	1.4
5	3.9	−4.2	−0.1	8.1	WNW	1.5	—	0.0	NE	0.7	NNW	2.8	—	0.4	NW	0.9	1.1	1.5
6	4.6	−5.3	−0.3	9.9	—	0.4	NW	1.3	SSE	1.3	S	3.8	NNE	1.7	WNW	6.5	2.5	2.8
7	5.2	−3.2	1.0	8.4	NW	6.7	NNW	1.7	SE	2.4	SSE	6.5	NNW	1.3	NW	3.4	3.7	3.8
8	1.0	−1.6	−0.3	2.6	NW	2.2	—	0.4	N	2.8	W	3.4	NW	5.5	WNW	3.6	3.0	3.0
9	4.2	−5.2	−0.5	9.4	N	1.3	WNW	0.9	NW	1.5	SW	1.5	N	0.7	NNE	0.9	1.1	1.6
10	2.3	−4.9	−1.3	7.2	NW	1.1	NNW	2.2	NW	1.5	NW	0.9	W	2.2	NNW	2.0	1.7	1.7
11	1.3	−5.7	−2.2	7.0	WSW	2.6	E	0.7	W	3.8	NW	5.7	NE	1.1	ESE	1.5	2.6	2.3
12	5.1	−7.0	−0.9	12.1	NNW	2.2	—	0.4	—	0.4	E	1.5	SE	1.7	SSE	5.0	1.9	1.2
13	9.0	−3.7	2.7	12.7	N	0.9	SSW	1.1	NE	4.0	NE	1.7	WNW	3.4	NNW	2.2	2.2	1.5
14	9.8	−2.6	3.6	12.4	WSW	0.5	N	1.1	—	0.4	S	2.2	—	0.2	NW	0.9	0.9	1.2
15	9.7	−1.4	4.2	11.1	—	0.0	SSW	1.1	SSW	2.8	SSE	1.3	NNW	5.0	WNW	5.2	2.6	2.5
16	3.9	0.1	2.0	3.8	NNW	3.6	N	5.9	WNW	2.4	—	0.0	SSE	0.7	—	0.0	2.1	2.3
17	8.2	0.0	4.1	8.2	NNE	1.1	W	3.2	—	0.0	WNW	2.6	—	0.0	N	0.9	1.3	1.6
18	4.8	2.7	3.8	2.1	NW	2.0	WNW	0.9	E	3.4	WNW	8.5	NW	4.0	WNW	6.9	4.3	3.6
19	0.5	−4.2	−1.8	4.7	NNW	3.8	NNW	3.4	NNE	3.0	W	0.9	SSW	1.5	—	0.4	2.2	2.6
20	−0.2	−6.5	−3.3	6.3	NNE	3.4	N	4.2	NNW	5.7	NW	3.0	E	1.7	W	0.7	3.1	3.1
21	−0.4	−5.5	−2.9	5.1	—	0.2	WNW	0.7	NW	0.7	NNW	3.6	NNW	0.7	WNW	4.4	1.7	2.1
22	−0.7	−6.2	−3.4	5.5	NW	2.0	S	3.8	NNW	1.1	SSE	5.7	WNW	6.9	W	1.5	3.5	3.2
23	−0.6	−5.5	−3.0	4.9	WNW	2.0	W	8.4	NW	4.6	N	4.0	NW	6.5	N	3.4	4.8	5.0
24	1.9	−13.0	−5.5	14.9	NNE	2.4	—	0.4	—	0.0	ESE	2.2	NE	1.7	ESE	2.8	1.6	1.8
25	−0.8	−13.9	−7.3	13.1	W	1.3	SW	1.1	—	0.2	ENE	1.1	—	0.0	W	1.5	0.9	1.2
26	−2.2	−7.4	−4.8	5.2	WNW	8.2	WNW	6.3	WSW	10.7	WNW	14.2	WNW	6.5	N	2.2	8.0	8.0
27	−2.4	−11.7	−7.0	9.3	—	0.4	—	0.4	NNW	1.3	SE	2.0	—	0.4	NNW	1.3	1.0	1.0
28	−1.6	−5.3	−3.4	3.7	NNW	3.4	N	2.6	N	3.6	NNW	4.2	NE	1.1	—	0.0	2.5	3.0
29	−2.0	−7.1	−4.5	5.1	NE	1.3	NE	0.7	NNW	8.9	NNW	6.5	NNE	2.0	E	1.7	3.5	3.2
30	−0.2	−6.7	−3.4	6.5	—	0.4	—	0.0	SE	1.5	NW	0.7	—	0.0	NNW	0.7	0.6	0.7
31	2.8	−4.7	−0.9	7.5	SW	1.1	—	0.2	—	0.0	NNW	4.6	NW	4.8	N	2.2	2.2	2.5
Mean	2.6	−4.7	−1.0	7.3		2.1		2.1		2.7		3.5		2.1		2.3	2.5	2.6

DECEMBER, 1952.

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	8.0	6.4	5.9	5.9	5.6	5.2	6.2	10	9	10	10	9	9	9.5	—	—	sc	—	—	sc,cu	—	as	sc	—	as	sc	—	—	sc	—	—	sc
2	6.0	5.3	6.0	7.6	7.8	6.4	6.5	10	10	10	10	10	6	9.3	—	as	—	—	as	—	—	—	ns	—	—	ns	—	—	sc	—	—	sc
3	5.4	4.5	5.1	4.8	4.9	4.7	4.9	10	9	8	10	10	10	9.5	—	—	sc	—	—	sc	—	—	st,sc	—	—	ns	—	—	ns	—	—	ns
4	4.6	4.6	5.3	5.6	5.4	4.8	5.1	10	10	8	9	6	1	7.3	—	—	ns	—	—	st	—	—	sc	—	as	sc	—	as	—	—	—	sc
5	4.6	4.3	4.9	5.2	4.8	5.1	4.8	10	8	7	6	0	7	6.3	—	—	sc	—	—	sc	cs	—	sc	ci,cs	—	cu	—	—	cu	—	—	sc
6	4.1	4.1	5.1	6.7	6.3	4.7	5.2	0	0	6	10	8	1	4.2	—	—	cu	cs	—	—	—	—	sc	—	—	ns	—	—	sc	—	—	sc
7	3.8	4.4	4.5	5.5	6.4	5.4	5.0	3	2	0	10	10	10	5.8	—	—	sc	—	—	cu	—	—	sc	—	—	st,sc	—	—	ns	—	—	ns
8	5.4	5.4	5.8	5.4	5.2	5.0	5.4	8	10	10	9	10	8	9.2	—	—	ns	—	—	ns	—	—	ns	—	—	sc	—	—	ns	—	—	sc
9	4.4	3.9	3.8	4.9	4.8	4.5	4.4	6	10	9	1	0	10	6.0	cs	—	—	cs	—	—	cs	—	—	—	—	sc	—	—	sc	cs	—	—
10	4.0	4.0	4.7	5.0	5.4	4.9	4.7	0	10	10	10	10	0	6.7	cs	—	—	—	as	—	—	as	—	cs	—	sc	cs	—	—	—	—	—
11	5.3	5.4	5.4	4.6	4.4	3.8	4.8	6	10	10	10	7	0	7.2	—	—	sc	—	—	ns	—	—	ns	—	—	st	—	—	st	—	—	—
12	3.8	3.8	5.1	5.6	5.2	5.5	4.8	10	10	7	5	10	10	8.7	—	—	st	—	—	sc	ci	—	sc	—	—	sc	cs	—	—	cs	—	—
13	5.8	4.6	5.8	6.1	5.3	5.0	5.4	10	3	7	0	0	0	3.3	—	—	ns	—	—	sc	cs	—	cu	ci	—	cu	—	—	—	—	—	cu
14	4.8	4.7	5.4	6.9	6.6	6.3	5.8	7	0	7	10	0	10	5.7	cs	—	—	—	—	cu	ci	—	sc	ci	—	—	—	—	—	cs	—	—
15	5.8	5.7	6.4	9.2	8.1	6.2	6.9	10	7	10	10	10	10	9.5	cs	—	—	—	ac	—	—	as	ns,sc	ci,cs	—	sc,st	—	—	st	—	—	st
16	5.1	5.1	5.3	5.6	6.1	6.2	5.6	10	10	3	10	10	10	8.8	—	as	—	—	as	—	cs	ac	—	cs	ac	—	—	—	ns	—	—	ns
17	6.3	6.2	6.8	6.8	6.4	5.8	6.4	10	9	1	9	9	8	7.7	—	—	sc	—	—	sc	—	—	cu	—	—	sc	—	—	sc	—	—	sc
18	6.0	5.8	5.7	5.0	4.4	4.6	5.3	7	10	9	6	4	2	6.3	—	—	sc	—	—	sc	—	—	sc	cc,ci	—	sc	—	—	sc	—	—	sc
19	4.2	4.0	3.8	4.1	4.8	5.0	4.3	0	2	9	10	10	10	6.8	—	—	—	cs	—	—	ci	as	sc	—	as	sc	—	—	ns	—	—	ns
20	3.9	3.2	3.7	4.2	3.7	3.6	3.7	2	2	4	3	3	10	4.0	—	—	st	—	—	cu	—	ac	sc	cs	—	sc	—	—	sc	—	—	sc
21	3.8	3.9	4.3	5.0	4.5	4.1	4.3	10	10	10	10	6	5	8.5	—	—	sc	—	—	ns	—	—	ns	—	—	ns	cs	—	sc	—	as	st,ns
22	3.8	3.7	4.2	4.9	5.1	5.0	4.5	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
23	4.3	3.9	3.8	4.0	3.3	3.6	3.8	10	10	4	8	10	10	8.7	—	—	ns	—	—	st,sc	—	—	sc,st	cs	—	sc	—	—	st	—	—	st
24	3.4	2.7	3.5	4.3	3.7	2.1	3.3	0	10	5	5	5	4	4.8	—	—	—	—	—	ns	—	—	sc	—	—	sc	—	—	sc	—	—	sc
25	1.8	1.9	3.8	5.2	5.1	4.9	3.8	4	7	10	10	10	10	8.5	cs	—	—	—	as	sc	—	as	cu	—	—	ns	—	—	ns	—	—	ns
26	2.9	2.8	3.3	3.8	2.9	3.1	3.1	0	3	2	4	0	5	2.3	—	—	—	—	—	sc	—	—	st,cu	—	—	st,cu	—	—	cu	—	—	sc
27	3.2	3.2	4.2	4.6	5.0	4.4	4.1	10	10	10	10	10	10	10.0	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns	—	—	ns
28	4.1	4.0	3.7	3.8	3.4	4.1	3.9	10	10	6	9	10	10	9.2	—	—	ns	—	—	st	—	ac	sc	—	—	sc	—	as	—	—	—	ns
29	4.0	3.6	3.5	3.7	3.8	3.6	3.7	10	10	4	9	10	10	8.8	—	—	ns	—	—	ns	—	—	sc,st	—	—	sc,st	—	—	ns	—	—	sc
30	3.4	3.8	4.1	4.8	5.6	5.0	4.5	10	10	10	10	10	10	10.0	—	—	sc	—	—	ns	—	—	ns,st	—	—	ns,st	—	—	ns	—	—	ns,st
31	4.8	4.2	5.3	5.7	5.3	4.3	4.9	10	10	10	6	4	2	7.0	—	—	=	—	—	=	—	—	st,sc	—	—	sc	—	—	sc	—	—	sc
Mean	4.5	4.3	4.8	5.3	5.1	4.7	4.8	7.2	7.8	7.3	8.0	7.1	7.0	7.4																		

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	—	41	(1.1)	0.6	90	74	70	67	72	81	76	0.0	—	—	—	—	—	0.0	◊	◊,☲
2	—	15	(1.3)	1.2	88	80	95	98	97	86	91	—	—	0.3	3.4	0.5	0.1	4.3	⚹,△,☽	●
3	4.2	181	(0.0)	0.6	79	77	84	91	96	96	87	—	0.6	—	0.1	1.4	1.0	3.1	☲,◊,●,⚹,🌂	⚹,🌂,⊠,☲
4	2.7	199	(1.3)	0.5	97	95	87	91	99	97	94	1.3	0.5	—	—	0.1	—	1.9	☲,⚹,⊠,⊠,🌠	◊,⚹,🌂,⊠,☲
5	7.2	218	1.7	0.6	97	91	76	65	83	91	84	—	—	—	—	—	—	—	☲,◊,⊠	◊,⊠,☲,∪
6	3.9	161	(1.9)	1.4	86	94	70	92	90	75	85	—	—	—	1.3	0.4	0.0	1.7	☲,∪	⚹,🌫,●,☲
7	6.4	213	(1.8)	1.2	63	78	61	64	98	84	75	—	—	—	—	1.2	0.3	1.5	☲,◊,ᔕ	🌫,●,🌂,⊠,⚹
8	0.9	120	(1.2)	0.8	95	99	99	84	86	86	92	0.0	1.4	0.4	0.0	0.0	0.0	1.8	☲,⚹,⊠	◊,⚹,⛌,🌂,⊠,
9	5.8	189	1.3	0.7	89	89	79	65	84	89	83	—	—	—	—	—	—	—	☲,◊,⊠	◊,☲,∪,⊠,☲
10	0.3	135	(0.8)	0.6	88	95	83	71	95	80	85	—	—	—	—	—	—	—	☲,∪,ᔕ	ᔕ,ᛉ,☲
11	0.2	69	(0.9)	0.4	92	99	82	77	94	93	90	0.0	0.2	2.8	0.6	0.0	—	3.6	☲,⚹,🌂,⊠	⚹,⊠,☲
12	7.5	236	1.4	0.7	93	93	84	64	91	91	86	—	—	—	—	—	—	—	☲,ᔕ,⊠	◊,☲,⊠
13	8.0	233	2.1	1.3	96	95	63	58	66	68	74	0.0	0.0	—	—	—	—	0.0	☲,◊,⛰,⊠	◊,☲
14	8.3	227	(1.9)	0.7	89	92	71	57	92	98	83	—	—	—	—	—	—	—	☲,∪,ᔕ	◊,☲
15	1.2	77	(1.3)	1.2	99	99	98	80	81	76	89	—	—	0.2	0.2	0.6	—	1.0	☲,∪,=,●	●
16	2.7	127	(0.8)	0.4	70	75	74	70	98	100	81	—	—	—	—	1.6	2.2	3.8	◊	◊,⚹,●,🌂,⊠,
17	4.3	182	1.4	0.7	100	100	82	68	84	93	88	0.2	—	—	—	—	—	0.2	☲,◊,⊠	◊,☲,∪ ⌊☲
18	4.9	177	1.8	1.6	98	96	71	66	77	88	83	—	—	0.0	—	—	—	0.0	☲,∪,⛌	◊,☲
19	2.8	122	(1.1)	1.1	84	86	69	66	95	98	83	—	—	—	—	0.9	4.4	5.3	☲,∪,◊,ᔕ	⚹,🌂,⊠,☲
20	7.5	250	(2.7)	1.3	81	67	66	72	91	81	76	0.5	—	—	—	—	—	0.5	☲,◊,⚹,⊠	◊,☲,⊠
21	—	120	(0.3)	1.6	87	95	91	93	86	82	89	0.0	2.5	1.9	0.3	0.2	—	4.9	☲,⛌,⚹,🌂,⊠	⚹,☲,⊠
22	—	57	(0.5)	0.3	91	91	92	96	98	98	94	0.3	1.1	3.5	1.7	5.9	5.5	18.0	☲,⚹,⊠	⚹,⛯,⊠,☲
23	4.1	229	(2.0)	0.8	96	91	79	76	66	78	81	3.8	1.1	0.2	—	—	—	5.1	☲,⚹,◊,⊠	☲,⊠
24	7.6	259	2.2	1.1	89	91	84	68	87	78	83	—	0.1	0.6	—	—	—	0.7	☲,∪,⚹,⊠	☲,⊠
25	—	171	(0.5)	1.5	82	82	89	93	98	97	90	—	—	—	0.3	1.9	3.4	5.6	☲,⚹,⊠	⚹,⛯,🌂,⊠,☲
26	7.9	252	(1.6)	0.9	71	75	71	88	72	82	77	0.6	—	—	—	—	—	0.6	☲,◊,⊠	☲,⊠
27	—	94	(1.3)	1.4	93	93	89	95	98	96	94	2.7	3.0	1.1	1.2	0.5	0.9	9.4	☲,⚹,🌂,⊠,🌠	⚹,☲,⊠,🌠
28	4.8	—	(1.6)	1.2	90	88	71	72	78	96	83	0.4	0.3	—	—	—	0.5	1.2	☲,◊,⚹,⊠	◊,⚹,🌂,☲,⊠
29	3.2	—	(1.6)	1.1	94	91	75	74	74	88	83	1.4	0.1	—	—	0.0	—	1.5	☲,◊,⚹,⊠	◊,⚹,☲,⊠
30	1.0	145	(0.0)	0.8	89	93	85	83	97	96	91	—	0.1	0.5	0.1	2.0	0.2	2.9	☲,⚹,⊠	⚹,☲,⊠
31	1.6	152	(2.0)	1.7	95	94	98	77	77	75	86	0.2	—	—	—	—	—	0.2	☲,⚹,=,ᔕ,⊠	◊,☲,⊠
	108.8	4651	41.4	30.0	89	89	80	77	87	88	85	11.4	11.0	11.5	9.2	17.2	18.5	78.8		

1952.

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	8.0	8.5	9.4	7.6	8.7	9.1	8.6	21.3	27,28	987.1	15	16.2	16.7	17.5	15.6	16.8	17.2	16.6	29.5	27,28	994.9	15
February	11.0	11.0	11.5	10.0	11.1	11.2	11.0	25.2	25	0.3	9	19.3	19.3	19.6	18.1	19.3	19.4	19.2	33.3	25	8.3	9
March	8.3	8.8	8.9	7.1	7.6	8.4	8.2	21.0	7	983.0	19	16.3	17.0	16.8	14.9	15.6	16.4	16.2	29.2	7	990.7	19
April	9.1	9.5	9.6	8.1	8.8	9.7	9.1	22.9	11	996.7	18	17.0	17.4	17.3	15.7	16.6	17.5	16.9	30.9	11	4.4	18
May	6.3	6.9	6.4	4.6	5.2	6.7	6.0	18.1	9	993.8	23	14.1	14.7	13.9	12.0	12.7	14.3	13.6	26.1	9	1.0	23
June	2.1	2.4	2.3	1.0	1.2	2.3	1.9	11.6	25	991.7	30	9.6	9.9	9.7	8.4	8.6	9.8	9.3	19.2	25	999.0	30
July	2.0	2.6	2.6	1.5	1.6	2.7	2.2	10.5	21	987.0	3	9.4	10.0	9.9	8.7	8.9	10.1	9.5	17.9	21	994.2	3
August	3.3	4.0	4.3	3.1	3.4	4.5	3.8	10.6	31	990.6	1	10.7	11.4	11.6	10.3	10.7	11.9	11.1	18.0	31	998.0	1
September	5.9	6.4	6.7	5.2	5.6	6.7	6.1	18.3	27	993.8	12	13.5	13.9	14.1	12.6	13.0	14.2	13.6	25.9	27	1.3	12
October	11.2	11.7	11.7	9.5	10.5	11.4	11.0	27.1	14	993.8	11	18.9	19.5	19.3	17.1	18.2	19.1	18.7	35.0	14	1.1	11
November	13.0	13.3	14.0	12.4	13.6	14.0	13.4	27.5	20	996.7	1	20.9	21.3	21.8	20.1	21.5	22.0	21.3	35.7	20	4.3	1
December	12.6	12.6	13.1	10.9	12.1	12.5	12.3	23.3	14	994.9	2	20.7	20.8	21.1	18.8	20.1	20.6	20.4	31.5	14	2.6	2
Annual	7.7	8.2	8.4	6.7	7.5	8.3	7.8	27.5	XI 20	983.0	III 19	15.5	16.0	16.0	14.4	15.2	16.0	15.5	35.7	XI 20	990.7	III 19

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	-4.2	-1.3	0.0	-2.0	-2.7	-2.3	1.1	-6.3	7.4	7.1	29	-13.5	9	4.2	4.0	4.6	4.6	4.5	4.4	4.4
February	-6.5	-6.8	-2.8	-1.3	-3.9	-4.9	-4.3	0.0	-8.7	8.7	5.7	9	-17.8	6	3.2	3.2	3.7	3.8	3.5	3.4	3.5
March	-1.3	-2.4	2.9	5.0	2.3	0.3	1.1	6.0	-3.4	9.4	13.0	30	-11.9	7	4.7	4.6	5.3	5.5	5.3	4.9	5.0
April	4.7	4.8	11.5	13.0	9.8	6.7	8.4	14.1	3.0	11.1	23.2	7	- 4.8	4	7.7	7.9	8.5	9.0	8.7	8.3	8.3
May	8.7	9.8	17.3	19.9	15.9	11.5	13.8	20.9	6.6	14.3	27.1	14	- 0.7	9	10.4	10.8	11.4	11.8	11.6	11.2	11.2
June	15.1	15.8	20.1	22.6	20.1	17.0	18.4	23.6	14.1	9.4	30.0	29	9.2	3	16.0	16.2	17.3	18.1	18.1	17.2	17.2
July	19.4	19.6	23.5	25.3	23.2	20.6	21.9	26.3	18.6	7.7	33.2	25	12.9	6	21.6	21.7	23.1	24.3	23.8	22.6	22.8
August	20.5	20.7	24.4	26.5	23.6	21.3	22.8	27.3	19.5	7.9	32.3	3	13.9	22	23.1	23.5	24.9	26.4	25.2	23.5	24.4
September	16.3	16.2	20.8	23.0	19.4	17.0	18.8	23.9	14.9	9.0	29.3	4	9.2	24	17.9	17.9	19.4	19.3	19.4	18.3	18.7
October	9.1	8.3	14.3	17.4	13.2	10.4	12.1	18.4	6.8	11.6	24.2	9,10	- 2.0	27	11.0	10.7	12.4	12.8	12.7	11.9	11.9
November	3.5	2.9	7.5	10.1	6.3	4.4	5.8	11.4	1.2	10.3	19.8	4	- 4.2	27	7.4	7.1	7.9	8.3	7.8	7.5	7.7
December	-2.8	-3.5	-0.5	1.6	-0.7	-1.9	-1.3	2.6	-4.7	7.3	9.8	14	-13.9	25	4.5	4.3	4.8	5.3	5.1	4.7	4.8
Annual	6.9	6.8	11.5	13.6	10.6	8.3	9.6	14.6	5.1	9.5	33.2	VII 25	-17.8	II 6	11.0	11.0	12.0	12.4	12.1	11.5	11.7

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	24.0	11.0	6.9	4.3	8.9	29.9	85.0	12.0	15	8.5	15	87	88	80	75	83	86	83
February	7.1	11.4	8.9	10.7	6.0	3.1	47.2	16.8	26	5.8	26	84	85	74	68	76	80	78
March	11.4	8.4	10.6	18.2	12.5	6.2	67.3	33.5	23	15.7	23	84	87	69	63	72	78	75
April	17.0	8.8	6.1	8.2	6.9	12.2	59.2	16.3	21	12.3	21	87	88	62	60	70	82	75
May	26.4	7.9	3.6	1.9	16.3	18.3	74.4	22.0	21	15.9	21	89	87	58	52	64	81	72
June	19.0	33.9	39.4	11.2	5.5	19.8	128.8	43.1	12	22.7	12	92	90	74	67	77	87	81
July	18.9	45.7	29.2	16.4	17.6	23.8	151.6	37.4	17	19.6	17	95	94	80	75	83	93	87
August	14.9	18.9	47.4	73.5	36.0	6.7	197.4	42.5	4	25.8	4	95	96	82	77	86	93	88
September	43.6	11.3	8.4	7.0	30.5	36.0	136.8	49.0	29	36.7	29	95	96	79	69	86	93	86
October	7.1	34.8	5.8	13.9	15.1	11.2	87.9	35.2	16	30.2	16	92	94	75	63	82	91	83
November	8.2	2.7	11.5	3.1	4.0	9.7	39.2	12.6	28	8.6	28	92	91	76	66	80	87	82
December	11.4	11.0	11.5	9.2	17.2	18.5	78.8	18.0	22	5.9	22	89	89	80	77	87	88	85
Annual	209.0	205.8	189.3	177.6	176.5	195.4	1153.6	49.0	IX 29	36.7	IX 29	90	90	74	68	79	87	81

1952.

Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
MONTHLY MAXIMUM DAILY RANGE (WITH DATE) OF AIR TEMPERATURE (°C)													
Max.	15.0	16.6	16.4	23.0	26.3	15.7	14.4	15.0	13.6	17.8	19.1	14.9	26.3
Date	10	6	22	7	14	14	25	22	10	20	4	24	V 14
VARIABILITY OF DAILY MEAN AIR TEMPERATURE (°C)													
Mean	2.2	1.5	1.8	1.9	2.1	1.6	1.2	1.3	1.5	2.0	2.1	1.2	1.7
FREQUENCY OF VARIATION													
Rise ≺ −2°	5	8	9	10	11	5	18	12	8	11	7	12	116
Rise 2° − 4°	8	2	7	5	6	5	—	4	3	2	7	2	51
Rise 4° − 6°	1	2	—	2	1	2	—	—	1	1	—	—	10
Rise 6° − 8°	—	—	—	—	—	—	—	—	—	1	—	—	1
Rise 8° ≦ ≦	—	—	—	—	—	—	1	—	—	—	—	—	1
Sum	14	12	16	17	18	12	19	16	12	15	14	14	179
Fall ≺ −2°	8	15	9	8	6	14	9	12	14	7	10	13	125
Fall 2° − 4°	7	2	5	4	4	3	3	2	3	9	4	4	50
Fall 4° − 6°	2	—	1	1	2	—	—	1	1	—	1	—	9
Fall 6° − 8°	—	—	—	—	—	—	—	—	—	—	1	—	1
Fall 8° ≦ ≦	—	—	—	—	—	—	—	—	—	—	—	—	—
Sum	17	17	15	13	12	17	12	15	18	16	16	17	185
Stationary	—	—	—	—	1	1	—	—	—	—	—	—	2
MONTHLY MAXIMUM (WITH DATE) MINIMUM (WITH DATE) AND RANGE OF VAPOUR PRESSURE (mb)													
Max.	6.7	5.8	8.7	16.4	20.1	25.8	29.9	35.9	28.8	22.1	14.6	9.2	35.9
Date	30	9	23	13	20	30	26	3	1	9	5	15	VIII 3
Min.	2.1	1.4	2.2	4.3	5.5	10.9	14.8	16.2	11.4	5.3	4.2	1.8	1.4
Date	12	6	7	3, 4	9	3	6	22	30	27	13	25	II 6
Range	4.6	4.4	6.5	12.1	14.6	14.9	15.1	19.7	17.4	16.8	10.4	7.4	34.5
MONTHLY MINIMUM (WITH DATE) OF RELATIVE HUMIDITY (%)													
Min.	52	45	36	27	20	35	48	31	38	35	43	51	20
Date	23	25	31	7	14	5	25	20	30	30	7	13	V 14

VELOCITY (m.p.s.) OF WIND

Month \ Hour	2	6	10	14	18	22	Maximum Vel.	Maximum Dir.	Maximum Date	Mean for 24 h	No. of Days with Gale m.p.s. 10—15	m.p.s. 15—29	m.p.s. ≧29	Sum
January	3.0	2.6	2.9	3.6	3.1	3.2	14.9	NNW	18	3.1	6	—	—	6
February	2.0	2.0	3.0	4.4	3.8	2.9	14.9	W	14	3.1	8	—	—	8
March	3.3	2.6	3.4	4.4	4.4	2.7	17.9	NNW	20	3.5	6	3	—	9
April	2.3	1.9	4.7	6.3	5.5	2.9	24.2	WSW	22	4.0	7	3	—	10
May	2.0	2.1	4.3	6.3	5.0	2.5	14.5	W	8	3.7	16	—	—	16
June	1.5	1.5	2.7	3.7	3.8	2.5	11.5	WSW	10	2.7	3	—	—	3
July	1.0	1.1	1.8	3.8	3.8	2.6	9.6	SSE	25	2.4	—	—	—	—
August	1.4	1.2	2.3	3.5	3.1	1.9	13.2	SW	20	2.4	1	—	—	1
September	1.1	1.0	1.8	1.9	1.8	1.0	9.3	WSW	5	1.6	—	—	—	—
October	1.6	1.0	2.3	3.4	1.9	1.6	10.1	NW	11	2.1	1	—	—	1
November	1.8	1.6	2.2	3.8	2.8	2.3	17.9	WNW	13	2.5	4	2	—	6
December	2.1	2.1	2.7	3.5	2.1	2.3	15.2	WNW	26	2.6	1	1	—	2
Annual	1.9	1.7	2.9	4.1	3.4	2.4	24.2	WSW	IV 22	2.8	53	9	—	62

CLOUD AMOUNT (0—10)

Month \ Hour	2	6	10	14	18	22	Mean
January	8.2	8.0	9.2	9.1	7.8	7.8	8.3
February	7.8	8.4	8.4	8.3	5.0	7.0	7.5
March	6.0	7.3	7.6	7.2	5.7	6.2	6.6
April	6.2	6.9	7.0	7.4	7.8	5.6	6.8
May	5.7	5.4	5.6	5.9	7.0	5.5	5.9
June	8.1	7.8	7.1	7.1	7.6	7.1	7.5
July	8.4	8.5	7.6	7.9	7.4	6.9	7.8
August	8.5	9.0	8.2	7.7	7.4	7.2	8.0
September	7.6	8.9	8.4	7.8	7.5	7.1	7.9
October	6.7	8.2	7.3	6.9	5.0	5.2	6.6
November	5.9	6.5	6.6	6.8	5.5	6.5	6.3
December	7.2	7.8	7.3	8.0	7.1	7.0	7.4
Annual	7.2	7.7	7.5	7.5	6.7	6.6	7.2

1952.

NUMBER OF OBSERVATIONS OF THE WIND FROM

Dir. / Month	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calm
January	6	8	4	2	6	—	11	7	6	6	2	3	15	23	28	27	32
February	11	6	11	2	6	4	4	4	5	3	1	5	24	16	25	22	25
March	13	3	4	6	4	1	9	12	9	5	3	7	13	19	29	33	16
April	2	9	2	2	3	2	10	25	6	1	7	9	20	19	24	27	12
May	6	3	6	2	4	4	21	27	7	4	2	7	11	21	16	18	27
June	11	4	9	—	1	4	17	26	20	6	5	2	4	9	14	22	26
July	2	8	3	—	2	2	24	47	25	4	2	4	6	3	10	10	34
August	7	2	2	2	7	6	17	44	24	2	6	4	6	3	8	12	34
September	3	1	3	1	8	5	10	19	6	6	6	2	7	6	11	10	76
October	10	4	6	2	4	4	13	17	5	3	—	5	11	12	21	21	48
November	8	1	—	4	2	4	10	10	2	2	1	3	13	16	33	26	45
December	15	7	8	1	6	3	4	7	3	4	3	3	12	21	28	26	35
Annual	94	56	58	24	53	39	150	245	118	46	38	54	142	168	247	254	410

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

Dir. / Month	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
January	3.5	2.2	2.4	1.7	1.9	—	2.8	4.1	2.3	1.8	1.9	1.8	5.9	4.2	3.9	4.4
February	2.4	2.4	3.7	1.9	1.5	2.3	1.8	3.3	2.7	2.2	0.9	3.1	4.0	5.1	4.0	3.7
March	2.6	2.0	2.0	2.0	1.5	0.9	3.5	3.6	2.4	1.7	2.6	2.6	3.2	5.0	4.1	5.7
April	1.9	1.9	2.0	1.2	2.3	1.1	3.7	5.9	3.6	6.3	4.3	6.0	4.8	3.8	3.6	4.3
May	2.6	0.9	1.7	2.1	1.0	1.4	4.9	5.4	1.9	2.4	1.9	6.2	6.3	6.1	3.6	3.7
June	1.6	1.5	1.7	—	2.4	1.9	4.1	4.1	3.3	3.5	2.0	1.1	2.0	3.4	3.2	2.9
July	2.3	1.5	2.0	—	1.3	5.2	3.2	3.5	2.9	1.8	2.5	1.7	2.0	3.4	1.7	2.7
August	1.9	1.3	2.0	2.0	1.2	1.6	2.2	3.4	2.5	1.6	3.4	3.7	2.2	1.9	2.8	3.8
September	2.2	1.1	3.1	3.0	1.6	2.3	3.1	3.5	2.0	1.7	2.0	0.7	2.2	2.4	2.2	2.1
October	2.1	1.4	2.6	1.1	1.1	4.2	2.9	3.3	1.3	1.7	—	3.1	2.3	3.1	2.5	2.7
November	2.2	2.8	—	1.1	1.8	1.4	2.1	3.1	2.1	1.7	2.4	1.7	2.2	5.4	3.2	4.1
December	2.6	2.1	1.5	1.1	1.8	2.2	1.9	3.6	3.3	1.6	1.2	4.6	2.4	5.2	3.0	3.1
Annual	2.3	1.8	2.1	1.4	1.6	2.0	3.0	3.9	2.5	2.3	2.1	3.0	3.3	4.1	3.2	3.6

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

Dir. / Month	2		6		10		14		18		22		General	
January	N 50° W	1.8	N 35° W	1.6	N 61° W	1.7	N 51° W	2.1	N 50° W	1.9	N 74° W	1.3	N 52° W	1.7
February	N 42° W	0.9	N 42° W	1.1	N 59° W	1.5	N 54° W	3.7	N 52° W	1.8	N 35° W	1.2	N 49° W	1.7
March	N 41° W	2.3	N 47° W	1.4	N 34° W	1.9	N 52° W	2.5	N 61° W	2.0	N 37° W	1.3	N 46° W	1.9
April	N 61° W	0.9	N 83° W	1.1	S 81° W	1.5	S 80° W	2.8	S 41° W	1.6	N 46° W	1.2	S 87° W	1.3
May	N 60° W	0.5	N 64° W	1.1	N 53° W	1.1	S 50° W	2.2	S 33° W	1.7	S 2° E	0.9	S 65° W	0.9
June	N 77° E	0.3	S 77° W	0.2	N 65° W	0.9	S 20° W	1.0	S 22° E	2.1	S 19° E	1.1	S 1° E	0.6
July	S 17° E	0.4	S 77° W	0.2	S 32° E	1.0	S 12° E	2.0	S 25° E	2.5	S 19° E	2.2	S 19° E	1.3
August	S 1° E	0.6	S 24° E	0.2	S 12° E	0.4	S 2° E	1.5	S 10° E	1.8	S 18° E	1.3	S 9° E	0.9
September	S 67° W	0.2	S 28° W	0.2	S 53° E	0.2	S 19° E	0.4	S 17° E	0.6	S 23° E	0.6	S 12° E	0.3
October	N 46° W	0.9	N 32° W	0.7	N 38° W	0.9	S 19° W	0.4	S 48° E	0.6	N 71° W	0.4	N 52° W	0.4
November	N 25° W	0.9	N 41° W	1.0	N 45° W	1.6	N 68° W	2.3	N 56° W	1.5	N 35° W	1.6	N 48° W	1.4
December	N 40° W	1.7	N 54° W	1.4	N 41° W	1.5	N 56° W	1.4	N 42° W	1.4	N 45° W	1.3	N 46° W	1.4
Annual	N 48° W	0.8	N 54° W	0.8	N 57° W	0.9	S 89° W	1.2	S 55° W	0.6	S 85° W	0.3	N 75° W	0.7

1952.

NUMBER OF DAYS WITH PRECIPITATION (Separated by Amount)

Amount \ Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
<0.1 mm	3	8	4	4	1	2	2	1	2	3	5	3	38
0.1— 1	8	7	7	3	3	6	4	9	5	6	6	5	69
1— 3	8	5	1	5	2	1	1	2	3	1	3	8	40
3— 5	3	1	2	—	—	—	4	2	3	1	2	5	23
5— 10	6	2	1	5	3	2	2	1	2	2	—	4	30
10— 15	1	—	1	—	2	2	1	2	—	—	2	—	11
15— 20	—	1	—	1	—	1	2	3	1	—	—	1	10
20— 25	—	—	—	—	1	1	—	1	—	—	—	—	3
25— 30	—	—	—	—	—	—	—	—	—	1	—	—	1
30— 35	—	—	1	—	—	—	1	—	—	—	—	—	2
35— 40	—	—	—	—	—	—	1	—	1	1	—	—	3
40— 45	—	—	—	—	—	1	—	2	—	—	—	—	3
45— 50	—	—	—	—	—	—	—	—	1	—	—	—	1
50— 60	—	—	—	—	—	—	—	—	—	—	—	—	—
60— 70	—	—	—	—	—	—	—	—	—	—	—	—	—
70— 80	—	—	—	—	—	—	—	—	—	—	—	—	—
80— 90	—	—	—	—	—	—	—	—	—	—	—	—	—
90—100	—	—	—	—	—	—	—	—	—	—	—	—	—
100—100	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	29	24	17	18	12	16	18	23	18	15	18	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	-0.3	0.1	0.5	0.1	-0.1	0.0	0.3	0.6	1.5	2.6	3.6	6.3	11.3	13.1	13.4	13.3
February	-1.0	-1.1	-0.6	-0.2	-0.5	-0.9	-0.7	-0.7	-0.9	0.5	1.5	2.7	5.0	9.8	12.0	12.9	13.1
March	0.7	0.3	4.3	6.7	3.0	1.7	2.8	2.2	2.2	2.2	2.8	3.0	4.4	8.7	11.0	12.3	12.7
April	6.5	6.2	13.8	15.8	10.7	8.1	10.2	9.8	9.6	9.0	8.8	7.9	7.2	8.4	10.3	11.7	12.4
May	11.3	11.5	20.4	22.3	17.0	13.3	16.0	15.4	15.3	14.5	13.9	12.6	10.9	9.4	10.3	11.3	12.1
June	17.4	17.5	23.5	26.4	21.8	19.0	20.9	20.2	20.1	19.1	18.4	17.1	14.7	11.1	10.9	11.2	11.9
July	21.8	21.8	26.7	29.3	25.2	22.7	24.6	24.0	23.9	23.1	22.3	21.1	18.2	13.0	11.8	11.5	11.9
August	23.0	23.0	28.3	30.4	25.9	23.8	25.7	25.0	25.1	24.6	24.3	23.3	20.9	15.0	13.0	11.9	12.0
September	19.3	19.1	24.0	26.4	22.0	20.2	21.8	21.5	21.7	21.7	21.8	21.6	20.6	16.4	14.2	12.6	12.3
October	12.2	11.7	17.6	19.1	14.8	13.1	14.8	14.9	15.3	15.8	16.5	16.8	14.5	16.4	14.9	12.6	12.6
November	6.1	5.6	10.1	11.7	7.8	6.7	8.0	8.3	8.8	9.5	10.6	11.1	13.4	15.3	14.4	13.6	13.0
December	1.2	1.0	2.0	3.6	1.8	1.2	1.8	2.2	2.7	3.8	5.2	6.0	9.1	13.4	14.2	13.7	13.3
Annual	9.9	9.7	14.2	16.0	12.5	10.7	12.2	11.9	12.0	12.1	12.4	12.2	12.1	12.4	12.5	12.4	12.5

Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
MONTHLY TOTAL DURATION OF SUNSHINE (in hours)												
70.2	126.7	190.5	181.1	254.8	181.7	122.1	121.0	103.4	145.6	128.1	109.0	1734.2
RATE OF SUNSHINE (%)												
23	40	52	46	58	41	37	29	28	42	43	37	39
AMOUNT OF EVAPORATION (mm)												
OPEN AIR												
1.7	2.3	3.0	3.6	5.3	4.2	3.7	3.4	2.8	2.3	2.0	1.3	3.0
IN THE SHELTER												
0.9	1.1	1.2	1.5	2.4	1.6	1.2	1.1	1.1	1.1	1.0	1.0	1.3

1952.

GENERAL REMARKS

	First Day (last year) 1951	Last Day (this year) 1952	First Day (this year) 1952
Min. Air Temp. below 0°:	Nov. 6	May 9	Oct. 27
Mean Air Temp. below 0°:	Nov. 27	Mar. 21	Dec. 3
Max. Air Temp. below 0°:	Nov. 28	Mar. 4	Dec. 20
Max. Air Temp. above 25°:		Sept. 21	May 14
Mean Air Temp. above 25°:		Aug. 20	Jul. 23
Max. Air Temp. above 30°:		Aug. 27	Jun. 29
Hoar Frost:	Oct. 22	May 18	Oct. 26
Snow:	Nov. 25	Apr. 2	Nov. 13
Snow on Ground:	Nov. 26	Mar. 21	Nov. 13

Max. Continuance of Days with Min. Temp. below 0° is 77 Days:
from Jan. 2 to Mar. 18

Max. Continuance of Days with Mean Temp. below 0° is 28 Days:
from Feb. 10 to Mar. 8

Max. Continuance of Days with Max. Temp. above 30° is 5 Days:
from Jul. 22 to Jul. 26

Max. Continuance of Days with Precipitation is 30 Days:
from Dec. 19 to Jan. 17 (1953)

Max. Continuance of Days without Precipitation is 14 Days:
from Mar. 25 to Apr. 7

Continuance of more than 5 Days with Precipitation are:

19	Days:	from Jan.	5	to Jan.	23	5	Days:	from Jul. 13	to Jul. 17
5	〃	from Feb.	8	to Feb.	12	17	〃	from Jul. 26	to Aug. 11
5	〃	from Feb.	20	to Feb.	24	9	〃	from Aug. 23	to Aug. 31
5	〃	from Mar.	1	to Mar.	5	5	〃	from Sep. 11	to Sep. 15
5	〃	from Apr.	18	to Apr.	22	30	〃	from Dec. 19	to Jan. 17 (1953)

1952.

FIVE-DAY MEANS

Month	Five-day Period	Air Pressure 1000 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	20.4	0.7	5.0	78	8.8	3.8	2.8
	6—10	16.5	−3.9	3.8	82	7.5	2.7	14.3
	11—15	13.9	−4.1	3.9	84	8.9	3.0	21.5
	16—20	13.3	−2.5	4.5	88	9.5	2.7	21.3
	21—25	13.3	−1.3	4.9	87	7.6	2.2	21.5
	26—30	20.5	−2.5	4.3	82	7.7	4.0	3.4
February	31— 4	21.2	−4.8	3.3	76	8.9	4.0	2.0
	5— 9	18.8	−5.4	3.4	79	7.6	2.7	8.5
	10—14	14.2	−3.8	3.5	77	7.4	4.3	7.1
	15—19	15.7	−4.1	3.4	76	6.5	2.1	0.1
	20—24	22.9	−4.2	3.6	80	7.5	2.9	10.0
	25— 1	27.9	−3.5	3.7	79	7.3	2.3	20.4
March	2— 6	17.8	−2.6	4.0	78	6.9	3.5	13.1
	7—11	17.3	−0.4	4.5	75	7.7	2.5	0.9
	12—16	19.1	1.3	5.2	77	6.3	2.1	0.2
	17—21	14.4	0.9	4.8	74	5.7	3.7	18.4
	22—26	10.4	3.5	5.8	74	6.0	6.1	34.0
	27—31	17.1	4.8	6.2	74	6.9	3.1	—
April	1— 5	13.4	3.9	5.5	70	4.4	3.8	0.0
	6—10	15.9	11.1	9.1	70	6.2	2.9	1.3
	11—15	21.3	9.8	10.1	81	8.7	4.0	11.7
	16—20	13.8	9.5	8.7	73	8.3	4.8	14.2
	21—25	20.3	7.1	7.0	71	6.2	4.4	16.6
	26—30	16.8	9.1	9.7	84	7.1	3.7	15.4
May	1— 5	14.1	13.0	10.3	71	7.0	3.1	1.4
	6—10	19.7	11.7	9.2	70	5.4	4.3	2.9
	11—15	10.5	13.1	9.7	65	3.2	4.6	9.9
	16—20	16.1	13.5	10.9	71	5.4	3.1	12.1
	21—25	9.6	15.8	13.2	74	5.4	3.6	29.7
	26—30	12.6	15.6	13.3	77	7.8	3.6	12.2
June	31— 4	10.3	14.6	13.8	83	8.9	3.4	26.3
	5— 9	8.8	17.2	10.6	80	7.1	2.6	14.3
	10—14	5.7	18.3	15.9	77	6.5	2.6	49.8
	15—19	9.8	19.1	18.3	83	8.2	2.5	9.1
	20—24	9.8	19.3	18.1	82	8.5	2.6	22.7
	25—29	12.6	21.0	19.5	80	5.6	2.6	0.1
July	30— 4	999.4	21.6	22.1	86	9.3	2.3	31.4
	5— 9	10.9	18.5	17.5	82	7.6	2.5	0.8
	10—14	9.3	21.4	23.3	91	9.8	2.5	7.9
	15—19	12.3	22.4	24.8	92	9.1	2.5	78.4
	20—24	15.9	24.2	24.5	82	3.6	2.2	—
	25—29	9.4	23.6	25.3	87	7.4	1.8	36.9
August	30— 3	4.7	23.8	26.3	89	8.6	3.2	24.9
	4— 8	8.6	23.8	26.9	92	9.7	2.4	75.4
	9—13	12.9	22.3	23.2	86	5.7	2.3	22.2
	14—18	12.0	22.8	24.1	87	7.8	2.2	1.9
	19—23	10.6	22.1	21.5	82	7.4	2.7	4.5
	24—28	12.1	22.7	24.7	90	7.9	2.1	52.7
September	29— 2	15.3	21.7	23.6	91	9.8	1.4	25.2
	3— 7	12.5	21.7	21.5	83	9.5	1.7	22.2
	8—12	9.4	19.5	19.9	88	8.0	1.1	39.1
	13—17	14.3	19.5	19.8	88	9.1	1.4	7.3
	18—22	12.8	16.6	15.8	85	6.1	1.2	6.2
	23—27	17.0	16.9	16.7	87	7.1	2.2	8.7
October	28— 2	16.6	14.5	13.3	81	7.0	2.5	52.8
	3— 7	18.4	13.0	12.4	84	7.1	1.6	0.3
	8—12	13.1	16.5	16.4	86	7.4	2.7	38.3
	13—17	21.5	13.8	12.9	82	6.9	2.0	46.0
	18—22	21.2	10.9	11.1	86	4.7	1.5	3.6
	23—27	21.6	7.4	8.1	78	6.9	2.4	9.5
November	28— 1	15.9	10.2	10.2	82	5.9	2.7	3.4
	2— 6	19.6	9.5	9.8	82	4.4	2.1	0.6
	7—11	20.3	6.9	8.1	81	6.3	2.7	1.5
	12—16	19.5	3.7	6.4	80	6.4	3.9	11.6
	17—21	23.6	4.0	7.2	87	8.7	2.2	5.8
	22—26	26.8	3.7	6.5	82	5.4	1.1	0.2
December	27— 1	20.2	5.7	7.5	81	7.1	2.3	16.3
	2— 6	17.1	−0.3	5.3	88	7.3	2.5	11.0
	7—11	21.4	−0.9	4.8	85	7.0	2.5	6.9
	12—16	25.9	1.7	5.7	83	7.2	1.7	4.8
	17—21	17.4	−1.1	4.8	84	6.7	2.6	10.9
	22—26	18.9	−4.9	3.7	85	6.8	3.8	30.0
	27—31	20.8	−3.3	4.2	87	9.0	2.1	15.2
Mean		15.5	9.7	11.6	81	7.2	2.8	15.9

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).

Unfelt	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^h east from Greenwich.

3. Symbols and Notations.

i: Sudden beginning 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 sign of maximum amplitude: + towards E and N.
− towards W and S.

EARTHQUAKES, 1952.

No.	Date 1952	P				S				L				Maximum Range of Motion				Duration of Total Earthquake	Intensity	Remarks
		E		W		N		S		E		W		N		S				
		h	m	s		m	s	m	s	m	s	m	s	μ		μ		m	s	
1	Jan. 1	3	09	39		—	—	—	—	—	—	—	—	−10		—		2	40	0	
2	2	10	22	44		—	—	—	—	—	—	—	—	+ 4		—		2	29	0	
2	2	21	—	—		—	—	—	—	—	—	—	—	—		—		—	—	0	
3	3	0	—	—		—	—	—	—	—	—	—	—	—		—		—	—	0	
5	5	6	—	—		—	—	—	—	—	—	—	—	—		—		—	—	0	
6	9	3	10	01		e 10	01	10	47	e 10	51	—	—	—	—	−19	+13	6	15	0	
7	9	e 23	42	41		—	—	42	56	—	—	—	—	—	—	+ 2	—	3	09	0	
8	10	7	—	—		—	—	42	31	—	—	—	—	—	—	—	—	—	—	0	
9	10	11	—	—		—	—	26	58	—	—	—	—	—	—	—	—	—	—	0	
10	11	13	—	—		—	—	09	04	—	—	—	—	—	—	+ 5	—	—	—	0	
11	11	16	04	55		—	—	06	16	06	15	—	—	—	—	+25	+23	5	50	0	42.6N, 148.3E [80]
12	13	e 5	18	58		e 18	56	? 24	23	? 24	37	—	—	—	—	—	—	35	11	0	52N, 169W
13	13	13	08	35		08	37	e 12	29	e 12	30	e 18	02	—	—	−64	+105	32	07	0	22N, 124E
14	19	20	29	08		—	—	29	29	e 29	30	—	—	—	—	+ 5	—	2	12	0	
15	20	14	43	08		43	07	43	52	43	52	—	—	—	—	+16	−23	4	25	0	35.2N, 140.3E [100]
16	29	13	36	12		e 36	17	36	45	e 36	45	—	—	—	—	+ 7	—	3	00	0	
17	30	e 16	05	07		—	—	i 06	09	06	08	—	—	—	—	+26	+13	5	08	0	
18	31	17	09	31		—	—	e 12	23	—	—	—	—	—	—	− 2	—	7	26	0	
19	Feb. 1	20	—	—		—	—	12	22	—	—	—	—	—	—	—	—	—	—	0	
20	9	19	52	11		e 52	11	52	49	52	48	—	—	—	—	+ 9	−13	6	40	0	
21	11	14	—	—		—	—	10	14	—	—	—	—	—	—	—	—	—	—	0	
22	11	16	09	26		—	—	11	30	—	—	—	—	—	—	+20	—	—	—	0	
23	11	16	—	—		—	—	16	07	—	—	—	—	—	—	−38	—	—	—	0	
24	12	1	—	—		—	—	35	34	—	—	—	—	—	—	+ 5	—	—	—	0	
25	13	5	23	46		—	—	24	07	—	—	—	—	—	—	—	—	3	22	0	
26	14	12	46	59		e 46	58	53	43	53	44	—	—	—	—	—	+580	35	08	0	8S, 125E
27	15	4	21	28		—	—	22	06	e 22	06	—	—	—	—	−20	—	10	38	0	42.3N, 143.1E [60]
28	16	7	—	—		—	—	55	16	—	—	—	—	—	—	+ 4	—	—	—	0	
29	17	12	34	11		—	—	e 34	20	—	—	—	—	—	—	—	—	2	13	0	
30	20	16	04	43		—	—	05	19	—	—	—	—	—	—	− 5	—	5	03	0	36.1N, 139.9E [55]
31	22	0	—	—		—	—	12	37	—	—	—	—	—	—	—	—	—	—	0	
32	22	0	43	51		—	—	44	30	—	—	—	—	—	—	+ 3	—	4	00	0	
33	22	17	58	49		—	—	58	59	—	—	—	—	—	—	—	—	1	35	0	
34	26	3	42	11		42	11	42	54	e 42	55	—	—	—	—	+46	−18	9	26	0	36.2N, 141.3E [40]
35	26	20	49	10		? 49	11	52	17	e 52	27	—	—	—	—	− 5	—	16	05	0	14.5S, 70W [300]
36	Mar. 1	3	30	25		—	—	30	41	—	—	—	—	—	—	− 7	—	2	32	0	
37	1	15	—	—		—	—	11	46	—	—	—	—	—	—	—	—	—	—	0	
38	2	0	31	57		31	57	32	37	32	38	—	—	—	—	−117	−133	17	04	0	41.8N, 144.4E [40~50]
39	3	0	08	41		—	—	e 09	04	—	—	—	—	—	—	—	—	1	53	0	
40	4	10	23	38		23	39	24	11	24	15	—	—	—	—	⊕	⊕	—	—	3	42.2N, 143.9E [45]
41	4	11	40	41		—	—	41	18	—	—	—	—	—	—	—	—	—	—	0	41.5N, 144.3E [S]
42	4	11	49	04		—	—	49	33	—	—	—	—	—	—	—	—	—	—	0	
43	4	11	58	41		—	—	59	15	—	—	—	—	—	—	—	—	—	—	0	
44	4	12	03	45		—	—	04	09	—	—	—	—	—	—	—	—	—	—	0	
45	4	12	04	34		—	—	05	30	—	—	—	—	—	—	—	—	—	—	0	
46	4	12	09	23		—	—	10	10	—	—	—	—	—	—	—	—	—	—	0	
47	4	12	13	49		—	—	14	06	—	—	—	—	—	—	−15	—	—	—	0	
48	4	12	21	39		—	—	22	08	—	—	—	—	—	—	—	—	—	—	0	
49	4	12	24	56		—	—	25	18	—	—	—	—	—	—	+ 7	—	—	—	0	
50	4	12	30	32		—	—	31	11	—	—	—	—	—	—	+ 5	—	—	—	0	
51	4	12	43	04		—	—	43	37	—	—	—	—	—	—	—	—	—	—	0	
52	4	12	49	05		—	—	49	29	—	—	—	—	—	—	—	—	—	—	0	
53	4	12	—	—		—	—	52	36	—	—	—	—	—	—	—	—	—	—	0	
54	4	12	54	45		54	45	55	21	55	25	—	—	—	—	+60	−58	11	57	0	42.0N, 144.7E [0~10]
55	4	13	04	50		—	—	05	19	—	—	—	—	—	—	—	—	—	—	0	

EARTHQUAKES, 1952.

No.	Date 1952	P				S			L			Maximum Range of Motion			Duration of Total Earthquake	Intensity	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	m s	m s	m s	μ	μ	μ	m s		
56	Mar. 4	13 12 21		12 25		13 06		13 07	— —		— —	−58		−75	9 07	0	42.0N, 144.0E [S]
57	4	13 22 23		— —		23 03		*e* 23 08	— —		— —	+12		—	9 01	0	
58	4	13 28 46		— —		29 25		— —	— —		— —	− 5		—	3 30	0	
59	4	13 — —		— —		44 11		— —	— —		— —	—		—	— —	0	
60	4	13 — —		— —		50 40		— —	— —		— —	—		—	— —	0	
61	4	14 05 30		05 29		06 03		06 09	— —		— —	−24		+20	6 26	0	41.5N, 144.3E [20~40]
62	4	14 09 42		— —		10 08		— —	— —		— —	—		—	— —	0	
63	4	14 13 15		— —		13 43		— —	— —		— —	—		—	3 56	0	
64	4	14 — —		— —		20 40		— —	— —		— —	—		—	— —	0	
65	4	14 23 03		— —		23 48		— —	— —		— —	—		—	— —	0	
66	4	14 24 03		*e* 24 06		24 47		24 48	— —		— —	−21		+30	6 59	0	
67	4	14 32 38		— —		33 10		— —	— —		— —	− 5		—	4 32	0	
68	4	14 — —		— —		38 43		— —	— —		— —	—		—	— —	0	
69	4	14 — —		— —		*e* 47 21		— —	— —		— —	—		—	— —	0	
70	4	15 13 49		— —		14 18		— —	— —		— —	—		—	— —	0	
71	4	15 — —		— —		15 04		— —	— —		— —	—		—	— —	0	
72	4	15 31 28		— —		32 14		32 14	— —		— —	−15		—	4 41	0	
73	4	15 45 15		— —		45 39		— —	— —		— —	− 3		—	2 29	0	
74	4	15 49 14		— —		49 53		— —	— —		— —	− 8		—	4 32	0	
75	4	15 55 12		— —		55 57		— —	— —		— —	+ 7		—	3 39	0	
76	4	16 02 47		— —		03 26		— —	— —		— —	− 5		—	3 59	0	
77	4	17 — —		— —		01 07		01 11	— —		— —	+ 8		—	— —	0	
78	4	17 03 09		— —		03 19		— —	— —		— —	—		—	— —	0	
79	4	17 05 48		— —		06 35		06 35	— —		— —	+ 7		—	5 26	0	
80	4	17 — —		— —		17 44		— —	— —		— —	+ 6		—	— —	0	
81	4	18 20 42		— —		21 02		— —	— —		— —	—		—	2 08	0	
82	4	18 — —		— —		24 31		— —	— —		— —	—		—	— —	0	
83	4	18 27 37		— —		28 20		*e* 28 19	— —		— —	+ 7		—	4 00	0	
84	4	18 47 00		— —		47 34		47 32	— —		— —	+10		—	5 02	0	42.7N, 145.0E [40~50]
85	4	18 59 08		— —		59 37		59 36	— —		— —	−10		—	3 34	0	42.6N, 144.4E [30]
86	4	19 08 33		*e* 08 38		09 17		*e* 09 21	— —		— —	−10		—	4 47	0	
87	4	19 — —		— —		27 36		— —	— —		— —	—		—	— —	0	
88	4	20 — —		— —		15 26		— —	— —		— —	—		—	— —	0	
89	4	20 47 42		— —		48 22		— —	— —		— —	+ 6		—	3 08	0	
90	4	21 28 36		— —		29 00		— —	— —		— —	+ 3		—	— —	0	
91	4	21 30 36		— —		31 01		— —	— —		— —	—		—	1 50	0	
92	4	22 — —		— —		06 26		— —	— —		— —	− 4		—	— —	0	
93	4	22 25 49		*e* 25 58		26 30		26 32	— —		— —	+11		+18	5 10	0	
94	4	22 51 14		— —		51 55		— —	— —		— —	+ 6		—	3 48	0	
95	4	22 55 51		— —		56 16		— —	— —		— —	—		—	1 44	0	
96	4	23 20 52		20 50		21 35		21 38	— —		— —	−16		+18	6 40	0	41.9N, 144.5E [S]
97	4	23 — —		— —		40 32		— —	— —		— —	—		—	— —	0	
98	4	*e* 23 41 17		— —		*e* 41 44		— —	— —		— —	—		—	— —	0	
99	4	*e* 23 42 37		*e* 42 51		*e* 43 09		*e* 43 26	— —		— —	− 6		—	3 50	0	
100	4	23 46 49		— —		47 33		47 37	— —		— —	− 8		—	5 31	0	
101	4	23 — —		— —		56 53		— —	— —		— —	+ 4		—	— —	0	
102	5	1 17 58		— —		18 47		18 46	— —		— —	+ 8		+13	5 50	0	
103	5	1 28 39		— —		29 18		— —	— —		— —	+ 6		—	— —	0	
104	5	1 32 08		32 10		32 57		*e* 32 51	— —		— —	−57		+105	25 06	0	41.8N, 144.9E [0~10]
105	5	2 — —		— —		03 28		— —	— —		— —	+ 4		—	— —	0	
106	5	2 — —		— —		05 54		— —	— —		— —	—		—	— —	0	
107	5	2 18 53		18 50		19 35		*e* 19 31	— —		— —	+36		+45	11 27	0	
108	5	2 51 58		— —		52 42		— —	— —		— —	− 9		—	6 14	0	
109	5	3 00 40		— —		01 01		— —	— —		— —	—		—	3 12	0	
110	5	3 15 19		— —		15 57		— —	— —		— —	+ 9		—	4 36	0	

EARTHQUAKES, 1952.

No.	Date 1952	P				S				L				Maximum Range of Motion				Duration of Total Earthquake		Intensity	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				
111	Mar. 5	3	27	16		27	17			28	00			28	02			—		—		—		—		+110		+178		13	38	0	41.8N, 144.0E [0~20]
112	5	4	39	50		—	—			40	23			—	—			—		—		—		—		+ 3		—		3	48	0	
113	5	4	—	—		—	—			49	02			—	—			—		—		—		—		—		—		—	—	0	
114	5	4	57	24		57	25			58	14			58	09			—		—		—		—		⊕		+993		—	—	0	41.9N, 145.0E [40]
115	5	5	18	34		—	—			19	23			e 19	26			—		—		—		—		+31		−25		—	—	0	
116	5	5	23	11		—	—			23	57			—	—			—		—		—		—		+15		—		—	—	0	
117	5	5	25	26		—	—			25	59			—	—			—		—		—		—		+12		—		—	—	0	
118	5	5	45	32		—	—			46	13			—	—			—		—		—		—		+ 5		—		—	—	0	
119	5	5	50	36		—	—			51	20			—	—			—		—		—		—		−16		—		—	—	0	
120	5	6	07	18		07	17			07	59			08	01			—		—		—		—		−49		−30		18	18	0	
121	5	6	—	—		—	—			47	50			—	—			—		—		—		—		—		—		—	—	0	
122	5	7	53	07		53	10			53	53			53	52			—		—		—		—		+35		+43		7	12	0	
123	5	8	05	04		—	—			05	33			—	—			—		—		—		—		—		—		2	28	0	
124	5	9	07	12		07	10			07	39			—	—			—		—		—		—		−13		—		5	46	0	
125	5	10	21	30		21	29			22	18			e 22	25			—		—		—		—		−20		−25		8	27	0	42.1N, 144.6E [40]
126	5	10	—	—		—	—			31	20			—	—			—		—		—		—		—		—		—	—	0	
127	5	10	36	31		—	—			37	10			—	—			—		—		—		—		+ 2		—		2	20	0	
128	5	10	58	33		—	—			59	19			—	—			—		—		—		—		+ 6		—		4	44	0	
129	5	12	—	—		—	—			23	39			—	—			—		—		—		—		—		—		—	—	0	
130	5	12	—	—		—	—			45	10			—	—			—		—		—		—		—		—		—	—	0	
131	5	12	50	17		50	17			51	05			51	08			—		—		—		—		−188		+180		33	40	0	41.8N, 144.8E [40~50]
132	5	13	16	54		—	—			17	23			—	—			—		—		—		—		+ 4		—		6	00	0	
133	5	13	—	—		—	—			25	44			—	—			—		—		—		—		—		—		—	—	0	
134	5	13	44	08		—	—			44	52			—	—			—		—		—		—		− 3		—		3	07	0	
135	5	13	58	23		e 58	23			59	11			59	09			—		—		—		—		+15		—		7	29	0	42.2N, 144.8E [40]
136	5	14	22	04		—	—			22	35			—	—			—		—		—		—		—		—		2	19	0	
137	5	14	38	45		e 38	41			39	32			e 39	37			—		—		—		—		+26		—		11	27	0	42.1N, 144.8E [50~60]
138	5	e 15	02	46		—	—			03	54			—	—			—		—		—		—		+ 3		—		5	48	0	
139	5	15	—	—		—	—			18	25			—	—			—		—		—		—		—		—		—	—	0	
140	5	16	33	04		e 33	12			33	56			33	53			—		—		—		—		+23		+18		7	35	0	42.0N, 144.4E [20]
141	5	16	49	37		—	—			50	21			—	—			—		—		—		—		+14		—		6	38	0	
142	5	16	—	—		—	—			57	47			—	—			—		—		—		—		—		—		—	—	0	
143	5	17	06	11		—	—			06	55			—	—			—		—		—		—		+ 4		—		4	55	0	
144	5	17	18	33		—	—			19	17			—	—			—		—		—		—		− 5		—		5	54	0	
145	5	18	18	11		18	14			18	56			18	59			—		—		—		—		−95		+33		25	12	0	41.8N, 144.3E [20]
146	5	18	—	—		—	—			23	42			—	—			—		—		—		—		−39		—		—	—	0	
147	5	18	—	—		—	—			40	26			—	—			—		—		—		—		—		—		—	—	0	
148	5	18	47	34		—	—			48	13			—	—			—		—		—		—		+10		—		6	03	0	
149	5	19	47	43		—	—			48	23			—	—			—		—		—		—		+ 6		—		3	18	0	
150	5	19	51	54		51	55			52	42			52	41			—		—		—		—		+55		−23		8	59	0	42.0N, 144.7E [40]
151	5	19	59	59		—	—			60	47			—	—			—		—		—		—		−11		—		7	21	0	
152	5	20	20	13		—	—			21	01			—	—			—		—		—		—		− 9		—		6	58	0	
153	5	21	—	—		—	—			48	39			—	—			—		—		—		—		—		—		—	—	0	
154	5	e 23	39	27		—	—			39	54			—	—			—		—		—		—		—		—		4	01	0	
155	6	0	55	28		55	25			56	16			56	17			—		—		—		—		+202		−358		33	18	0	41.8N, 143.9E [20~30]
156	6	1	—	—		—	—			15	32			—	—			—		—		—		—		—		—		—	—	0	
157	6	e 1	31	29		—	—			32	20			—	—			—		—		—		—		—		—		2	05	0	
158	6	1	55	54		—	—			56	42			—	—			—		—		—		—		−11		—		6	30	0	
159	6	e 2	09	20		—	—			09	54			—	—			—		—		—		—		+ 3		—		3	40	0	
160	6	2	58	52		e 59	03			59	38			59	39			—		—		—		—		−37		−25		8	29	0	42.0N, 144.9E [S]
161	6	4	—	—		—	—			20	02			—	—			—		—		—		—		—		—		—	—	0	
162	6	5	03	38		—	—			04	28			—	—			—		—		—		—		− 4		—		3	49	0	
163	6	5	42	10		—	—			42	57			—	—			—		—		—		—		−10		—		6	23	0	
164	6	6	—	—		—	—			28	47			—	—			—		—		—		—		− 4		—		—	—	0	
165	6	7	—	—		—	—			07	24			—	—			—		—		—		—		—		—		—	—	0	

EARTHQUAKES, 1952.

No.	Date 1952	P				S				L				Maximum Range of Motion				Duration of Total Earthquake	Intensity	Remarks
		E		W		N		S		E		W		N		S				
		h	m	s		m	s	m	s	m	s	m	s	μ		μ		m	s	
166	Mar. 6	7	41	12		—	—	41	55	—	—	—	—	+ 6		—		5	12	0	
167	6	7	47	22		—	—	48	06	*e* 48	08	—	—	—	—	—	—	+48	−25	10	33	0	42.4N, 144.4E [40~50]
168	6	12	—	—		—	—	24	43	—	—	—	—	—	—	—	—	—	—	—	—	0	
169	6	15	27	43		—	—	28	32	—	—	—	—	—	—	—	—	—		4	20	0	
170	6	17	21	13		—	—	21	52	21	52	—	—	—	—	—	—	− 4		4	26	0	
171	6	19	11	43		—	—	12	26	12	29	—	—	—	—	—	—	+14	−13	—	—	0	
172	6	19	—	—		—	—	16	18	16	19	—	—	—	—	—	—	+ 3	—	—	—	0	
173	6	21	11	27		—	—	12	08	12	09	—	—	—	—	—	—	+ 5	—	4	57	0	42.2N, 144.0E [50]
174	6	23	—	—		—	—	22	50	—	—	—	—	—	—	—	—	—	—	—	—	0	
175	7	2	11	58		—	—	12	45	—	—	—	—	—	—	—	—	− 5	—	4	34	0	
176	7	*e* 2	35	52		—	—	36	30	—	—	—	—	—	—	—	—	+ 3	—	3	30	0	
177	7	2	58	11		58	12	59	00	59	01	—	—	—	—	—	—	−13	−18	6	13	0	42.2N, 144.7E [20~30]
178	7	4	12	57		*e* 12	58	14	03	14	03	—	—	—	—	—	—	− 7	− 8	6	33	0	
179	7	8	00	08		—	—	01	25	—	—	—	—	—	—	—	—	− 7	—	6	05	0	
180	7	*e* 8	17	50		*e* 17	47	18	44	*e* 18	45	—	—	—	—	—	—	+ 6	− 8	5	22	0	35.0N, 138.2E [0~10]
181	7	8	37	34		—	—	38	16	38	14	—	—	—	—	—	—	+ 5	− 8	3	54	0	
182	7	10	34	46		—	—	35	32	—	—	—	—	—	—	—	—	− 8	—	6	24	0	
183	7	12	53	38		*e* 53	39	54	41	54	43	—	—	—	—	—	—	−10	−13	9	06	0	
184	7	16	33	53		33	53	35	16	35	16	—	—	—	—	—	—	⊕	+100	33	52	0	36.5N, 136.2E [20]
185	7	18	45	36		45	33	46	14	46	17	—	—	—	—	—	—	+135	−178	11	08	0	41.8N, 143.7E [30]
186	7	19	46	23		—	—	47	08	—	—	—	—	—	—	—	—	—	—	3	07	0	
187	7	20	16	36		—	—	17	24	—	—	—	—	—	—	—	—	+ 6	—	4	19	0	
188	7	20	45	48		45	46	46	38	46	38	—	—	—	—	—	—	+40	−25	9	13	0	42.7N, 144.5E [60~70]
189	7	22	11	55		—	—	12	42	—	—	—	—	—	—	—	—	+ 3	—	3	54	0	
190	8	*e* 1	30	44		—	—	31	32	—	—	—	—	—	—	—	—	+ 4	—	4	38	0	
191	8	3	17	19		17	17	18	11	18	12	—	—	—	—	—	—	+37	−48	11	35	0	41.9N, 145.1E [S]
192	8	*e* 3	29	40		—	—	30	28	—	—	—	—	—	—	—	—	—	—	3	16	0	
193	8	3	—	—		—	—	56	53	—	—	—	—	—	—	—	—	—	—	—	—	0	
194	8	4	18	16		—	—	19	01	19	03	—	—	—	—	—	—	− 5	−13	6	19	0	
195	8	4	45	14		45	11	46	06	46	03	—	—	—	—	—	—	+35	+33	10	42	0	42.2N, 144.5E [40]
196	8	9	17	10		17	57	17	57	17	57	—	—	—	—	—	—	+11	—	4	57	0	
197	8	12	—	—		—	—	47	47	—	—	—	—	—	—	—	—	—	—	—	—	0	
198	8	13	32	52		33	—	33	31	33	32	—	—	—	—	—	—	+ 9	—	4	55	0	
199	8	*e* 14	57	51		58	—	58	36	58	33	—	—	—	—	—	—	− 9	−13	4	57	0	
200	8	16	32	14		*e* 32	16	32	42	*e* 32	41	—	—	—	—	—	—	− 2	—	2	55	0	
201	8	18	34	02		—	—	34	45	34	46	—	—	—	—	—	—	− 8	—	4	20	0	
202	8	20	—	—		—	—	25	11	—	—	—	—	—	—	—	—	—	—	—	—	0	
203	9	3	10	37		—	—	11	22	—	—	—	—	—	—	—	—	− 4	—	4	13	0	
204	9	13	07	18		—	—	08	37	08	36	—	—	—	—	—	—	− 4	− 8	7	56	0	
205	9	13	—	—		—	—	12	31	—	—	—	—	—	—	—	—	+ 3	—	—	—	0	
206	9	17	04	27		04	24	05	43	05	41	—	—	—	—	—	—	+ 7	− 8	5	18	0	
207	10	2	04	38		04	36	05	21	05	21	—	—	—	—	—	—	⊕	⊕	100	14	2	41.7N, 143.5E [0~20]
208	10	3	17	23		—	—	18	02	18	01	—	—	—	—	—	—	− 5	—	5	06	0	
209	10	9	—	—		—	—	42	29	—	—	—	—	—	—	—	—	+ 5	—	—	—	0	
210	10	11	—	—		—	—	52	48	—	—	—	—	—	—	—	—	—	—	—	—	0	
211	10	*e* 13	00	17		00	39	00	43	00	39	—	—	—	—	—	—	+ 9	—	4	49	0	36.7N, 141.1E [40]
212	10	14	—	—		—	—	09	31	—	—	—	—	—	—	—	—	—	—	—	—	0	
213	10	20	12	16		—	—	12	45	—	—	—	—	—	—	—	—	—	—	3	43	0	
214	11	3	02	18		02	16	03	08	03	08	—	—	—	—	—	—	−65	+53	12	03	0	42.6N, 145.3E [S]
215	11	4	04	22		04	21	05	06	05	06	—	—	—	—	—	—	+13	—	7	30	0	
216	11	5	38	34		*e* 38	34	39	05	39	03	—	—	—	—	—	—	—	—	6	01	0	41.9N, 142.9E [40]
217	11	*e* 6	22	30		—	—	23	56	—	—	—	—	—	—	—	—	—	—	4	43	0	
218	11	8	—	—		—	—	02	10	—	—	—	—	—	—	—	—	—	—	—	—	0	
219	11	8	32	09		—	—	32	49	—	—	—	—	—	—	—	—	− 3	—	3	48	0	
220	11	9	33	58		*e* 33	59	34	44	*e* 34	48	—	—	—	—	—	—	+26	− 8	7	33	0	42.9N, 145.1E

EARTHQUAKES, 1952.

No.	Date 1952	P				S				L				Maximum Range of Motion				Duration of Total Earthquake	Intensity	Remarks
		E		W		N		S		E	W	N	S	E	W	N	S			
		h	m	s		m	s	m	s	m	s	m	s		μ		μ	m	s	
221	Mar. 11	12	12	11		e 12	12	12	46	12	46	—	—	—	—	− 9	—	6	30	0	41.8N, 144.3E [50]
222	12	5	18	29		—	—	19	00	e 18	58	—	—	—	—	+ 9	—	4	44	0	
223	12	5	38	19		e 38	21	38	52	e 38	54	—	—	—	—	−57	−73	12	14	0	41.6N, 144.4E [30~40]
224	12	8	43	00		—	—	43	45	—	—	—	—	—	—	− 5	—	6	17	0	
225	12	10	—	—		—	—	56	37	—	—	—	—	—	—	—	—	—	—	0	
226	12	18	14	43		14	44	15	28	15	28	—	—	—	—	+16	—	6	20	0	
227	12	22	—	—		—	—	32	09	—	—	—	—	—	—	+ 3	—	—	—	0	
228	13	23	01	01		01	02	03	48	03	49	—	—	—	—	+64	−45	14	55	0	28.5N, 127.3E [240]
229	14	8	04	09		—	—	05	07	—	—	—	—	—	—	+ 3	—	3	57	0	36.7N, 136.3E [0~10]
230	14	18	—	—		—	—	57	39	—	—	—	—	—	—	+ 5	—	—	—	0	
231	15	5	56	36		56	37	57	25	57	25	—	—	—	—	−90	−75	12	14	0	42.5N, 145.5E [0~10]
232	15	19	54	18		e 54	16	54	58	54	56	—	—	—	—	− 8	—	4	43	0	
233	16	e 4	04	32		—	—	05	20	—	—	—	—	—	—	+ 5	—	3	31	0	
234	16	15	—	—		—	—	49	59	49	59	—	—	—	—	− 7	—	—	—	0	
235	16	20	01	31		—	—	02	10	02	09	—	—	—	—	− 6	—	4	23	0	
236	17	e 2	20	08		—	—	20	53	—	—	—	—	—	—	− 5	—	4	30	0	
237	17	7	10	16		10	16	10	52	10	49	—	—	—	—	−75	+95	13	12	0	41.8N, 143.9E [V.S.]
238	17	8	58	02		58	03	58	17	18	18	—	—	—	—	±20	+25	4	46	0	38.1N, 141.9E [60]
239	17	e 17	15	37		—	—	16	18	16	19	—	—	—	—	—	—	4	15	0	
240	17	23	04	22		—	—	04	49	04	50	—	—	—	—	− 5	—	5	34	0	
241	18	6	—	—		—	—	02	19	—	—	—	—	—	—	—	—	—	—	0	
242	18	14	02	37		02	37	03	10	03	09	—	—	—	—	+30	−20	6	50	0	41.7N, 142.9E [S]
243	19	18	07	11		—	—	09	40	09	39	—	—	—	—	—	—	11	00	0	
244	19	20	03	42		03	44	08	55	08	50	—	—	—	—	⊕	—	91	14	0	9N, 127E
245	19	e 22	24	17		—	—	24	57	—	—	—	—	—	—	−12	—	3	20	0	
246	20	1	—	—		—	—	e 31	43	—	—	—	—	—	—	+ 8	—	—	—	0	
247	20	e 11	44	59		—	—	45	27	—	—	—	—	—	—	− 5	—	3	55	0	
248	20	18	—	—		—	—	25	15	25	16	—	—	—	—	+ 7	—	—	—	0	
249	21	6	—	—		—	—	42	19	—	—	—	—	—	—	—	—	—	—	0	
250	21	18	—	—		—	—	46	26	—	—	—	—	—	—	—	—	—	—	0	
251	21	22	—	—		—	—	01	10	—	—	—	—	—	—	+ 4	—	—	—	0	
252	22	2	—	—		—	—	25	31	—	—	—	—	—	—	—	—	—	—	0	
253	22	4	04	45		04	44	05	20	05	17	—	—	—	—	−37	−22	8	15	0	
254	23	3	57	27		57	24	57	52	57	51	—	—	—	—	+393	+500	13	37	0	39.1N, 143.8E [S]
255	23	e 17	42	18		—	—	42	53	e 42	53	—	—	—	—	−20	—	2	57	0	42.1N, 142.2E [0~10]
256	24	e 6	51	51		—	—	52	12	—	—	—	—	—	—	+10	—	1	35	0	
257	24	11	—	—		—	—	36	53	—	—	—	—	—	—	− 5	—	—	—	0	
258	26	e 1	24	51		—	—	25	22	25	22	—	—	—	—	+10	—	3	27	0	
259	26	5	44	02		—	—	44	12	—	—	—	—	—	—	± 9	—	1	21	0	
260	27	13	05	18		—	—	05	30	—	—	—	—	—	—	—	—	1	41	0	
261	28	7	29	14		—	—	29	31	e 29	31	—	—	—	—	+ 6	—	3	34	0	
262	28	8	—	—		—	—	02	44	e 02	44	—	—	—	—	− 5	—	—	—	0	
263	29	0	07	01		—	—	07	18	—	—	—	—	—	—	− 5	—	3	10	0	
264	30	13	—	—		—	—	36	15	—	—	—	—	—	—	+ 9	—	—	—	0	
265	31	2	—	—		—	—	14	22	—	—	—	—	—	—	− 3	—	—	—	0	
266	31	2	—	—		—	—	42	49	—	—	—	—	—	—	− 3	—	—	—	0	
267	31	2	—	—		—	—	44	02	—	—	—	—	—	—	+ 3	—	—	—	0	
268	31	6	—	—		—	—	00	03	—	—	—	—	—	—	+ 5	—	—	—	0	
269	31	10	—	—		—	—	31	54	31	54	—	—	—	—	−35	+20	—	—	0	
270	Apr. 1	21	18	09		e 18	08	18	58	18	56	—	—	—	—	+ 9	+13	4	42	0	42.4N, 145.0E [40]
271	1	23	47	21		e 47	21	48	05	e 48	02	—	—	—	—	+17	+13	7	00	0	
272	3	5	37	36		—	—	38	08	e 38	06	—	—	—	—	+10	—	5	54	0	
273	3	e 12	00	50		—	—	01	25	01	28	—	—	—	—	− 5	—	4	53	0	
274	4	7	54	04		—	—	54	53	e 54	50	—	—	—	—	+ 8	—	15	25	0	42.1N, 144.9E [40]
275	4	11	57	09		57	09	60	21	e 60	17	—	—	—	—	+ 5	—	16	53	0	52N, 159.5E

EARTHQUAKES, 1952.

No.	Date 1952	P				S				L				Maximum Range of Motion				Duration of Total Earthquake		Intensity	Remarks
		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	m	s	μ		μ		m	s	m	s		
276	Apr. 4	21	—	—		—	—	—	—	49	44	—	—	—	—	—	—	—		—		—	—			0	
277	5	2	21	09		21	07	21	26	21	25	—	—	—	—	—	—	−160		−198		9	27			0	40.3N, 142.5E [40]
278	6	1	08	37		—	—	e	08	53	08	54	—	—	—	—	—	+ 5		—		2	17			0	
279	6	17	10	21		—	—	—	—	10	30	—	—	—	—	—	—	—		—		1	31			0	
280	7	3	—	—		—	—	—	—	54	40	e	54	41	—	—	—	—		—		—	—			0	
281	8	5	45	01		e	45	01		45	43	45	43	—	—	—	—	−11		—		11	29			0	35.5N, 139.7E [110]
282	8	e	11	44	01		—	—		44	35	44	34	—	—	—	—	+ 5		—		5	07			0	
283	8	e	18	46	41		—	—		47	15	—	—	—	—	—	—	+ 7		—		3	53			0	
284	8	23	04	33		04	33			05	01	05	02	—	—	—	—	−13		−13		5	02			0	
285	10	e	15	01	58	e	02	00		05	35	05	33	—	—	—	—	+10		—		17	53			0	25N, 126E
286	11	0	19	17		—	—			19	39	—	—	—	—	—	—	—		—		2	32			0	
287	11	17	12	37		12	36			12	56	12	58	—	—	—	—	+ 6		—		2	41			0	
288	12	19	32	06		—	—			32	30	32	28	—	—	—	—	− 7		—		4	09			0	
289	13	5	—	—		—	—	—	—	02	53	—	—	—	—	—	—	—		—		—	—			0	
290	13	13	—	—		—	—	—	—	09	43	—	—	—	—	—	—	—		—		—	—			0	
291	13	19	45	27		—	—			45	39	45	38	—	—	—	—	+17		—		3	56			0	39.7N, 142.2E [V.S.]
292	14	e	11	54	06		—	—		54	34	54	35	—	—	—	—	−16		—		5	50			0	42.2N, 142.9E [40~50]
293	15	e	8	57	12	e	57	15		02	14	02	18	—	—	—	—	—		—		14	02			0	3.5N, 126.5E
294	15	11	47	39		—	—			48	00	—	—	—	—	—	—	+ 6		—		4	31			0	
295	15	i	15	00	47	i	00	47		i	01	21	01	21	—	—	—	—	+567		−753		18	04			0	42.0N, 142.8E [30~35]
296	16	12	44	13		—	—			45	23	e	45	23	—	—	—	—	−11		—		9	34			0	
297	16	e	20	27	36	e	27	37		28	23	28	23	—	—	—	—	+21		+13		7	19			0	42.0N, 145.0E [40]
298	20	e	9	30	27	e	30	26		31	15	31	15	—	—	—	—	− 5		—		4	19			0	
299	20	15	13	24		e	13	24		14	04	14	01	—	—	—	—	−11		—		6	29			0	42.2N, 143.3E [60]
300	20	22	19	41		—	—			20	17	20	18	—	—	—	—	−19		—		6	09			0	42.6N, 145.5E [10]
301	21	9	18	14		18	14			18	25	18	24	—	—	—	—	±253		±350		7	58			2	39.0N, 142.1E [50]
302	21	9	29	00		—	—			29	09	29	09	—	—	—	—	± 6		—		2	06			0	
303	21	e	15	58	41	e	58	41		e	59	08	59	10	—	—	—	—	—		—		3	14			0	
304	21	e	16	05	16	e	05	15		05	40	05	40	—	—	—	—	+ 7		—		5	05			0	
305	22	18	46	08		—	—			46	25	—	—	—	—	—	—	+ 3		—		2	56			0	
306	23	13	20	26		—	—			20	38	—	—	—	—	—	—	+ 7		—		3	07			0	
307	24	8	20	05		e	20	05		20	22	20	23	—	—	—	—	+ 6		—		2	53			0	37.1N, 141.4E [60]
308	25	16	07	54		e	07	52		08	31	08	34	—	—	—	—	−18		—		9	02			0	41.7N, 144.5E
309	26	4	33	18		e	33	17		33	42	33	42	—	—	—	—	+17		+13		7	17			0	42.0N, 142.5E
310	27	e	4	55	50	—	—			56	05	—	—	—	—	—	—	+ 2		—		1	52			0	
311	27	e	6	00	25	—	—			e	01	23	e	01	21	—	—	—	—	− 2		—		4	20			0	
312	28	4	17	10		e	17	10		17	50	17	48	—	—	—	—	−30		+30		8	56			0	42.1N, 142.7E [60]
313	28	19	55	13		55	13			55	50	55	51	—	—	—	—	+450		+633		21	53			1	42.0N, 142.8E [30]
314	29	11	39	50		—	—			43	07	43	08	—	—	—	—	− 6		—		8	47			0	25.5N, 123.5E [100]
315	May 1	23	—	—		—	—	—	—	06	39	—	—	—	—	—	—	—		—		—	—			0	
316	2	8	—	—		—	—	—	—	16	27	—	—	—	—	—	—	—		—		—	—			0	
317	2	e	11	21	16	—	—			21	54	—	—	—	—	—	—	+ 4		—		4	33			0	
318	2	20	14	49		14	49			15	44	15	45	—	—	—	—	+42		−53		8	59			0	35.6N, 140.8E
319	3	?	0	59	30	—	—			60	05	60	06	—	—	—	—	+ 5		—		4	21			0	
320	8	9	59	42		59	42			60	45	60	44	—	—	—	—	+135		+198		21	11			0	35.5N, 140.2E [50~60]
321	9	6	18	12		18	10			24	02	23	59	—	—	—	—	+13		+20		21	27			0	
322	9	13	03	16		—	—			03	39	e	03	38	—	—	—	—	+ 5		—		3	35			0	
323	9	17	51	31		—	—			52	10	52	09	—	—	—	—	+18		−13		4	51			0	
324	10	e	2	56	17	e	56	14		e	62	51	?	62	43	—	—	—	—	—		—		41	20			0	
325	10	16	—	—		—	—	—	—	36	14	—	—	—	—	—	—	—		—		—	—			0	
326	10	23	23	55		23	56			24	42	e	24	45	—	—	—	—	+20		−18		8	21			0	41.9N, 145.2E
327	11	2	—	—		—	—	—	—	12	15	—	—	—	—	—	—	—		—		—	—			0	
328	11	2	54	59		e	54	59		55	29	e	55	33	—	—	—	—	−14		+10		5	50			0	
329	13	23	—	—		—	—	—	—	01	42	—	—	—	—	—	—	—		—		—	—			0	
330	14	4	—	—		—	—	—	—	20	11	—	—	—	—	—	—	—		—		—	—			0	

EARTHQUAKES, 1952.

No.	Date 1952	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	Remarks
		h m s		m s		m s		m s		m s		m s		μ		μ		m s		
331	May 14	9 38 03		38 04		38 50		*e* 38 57		— —		— —		+210		−183		32 30	0	41.9N, 145.4E
332	14	12 — —		— —		50 48		— —		— —		— —		—		—		— —	0	
333	17	1 16 44		16 43		17 21		17 20		— —		— —		−38		+50		9 53	0	41.6N, 144.5E
334	17	3 38 20		38 19		38 57		38 58		— —		— —		+20		+15		7 48	0	41.4N, 144.0E
335	17	5 48 03		48 03		48 21		48 22		— —		— —		−38		+ 2		— —	0	40.1N, 142.4E
336	17	5 52 03		*e* 52 05		52 20		52 24		— —		— —		+14		− 8		3 07	0	
337	17	18 49 13		49 12		49 47		49 50		— —		— —		−279		+333		25 53	0	41.8N, 144.2E
338	18	10 — —		— —		26 24		— —		— —		— —		—		—		— —	0	
339	19	*e* 3 45 46		*e* 45 47		46 27		*e* 46 25		— —		— —		− 4		—		4 38	0	
340	19	5 33 47		33 46		34 29		34 27		— —		— —		−10		− 3		7 01	0	
341	20	3 33 19		33 18		33 59		34 00		— —		— —		⊕		⊕		34 28	0	41.8N, 144.1E [S]
342	20	4 — —		— —		14 53		— —		— —		— —		+10		—		— —	0	
343	20	4 — —		— —		52 21		— —		— —		— —		+ 5		—		— —	0	
344	20	6 58 13		— —		58 34		— —		— —		— —		± 6		—		2 28	0	
345	20	13 14 33		14 34		15 05		15 04		— —		— —		+19		− 3		6 27	0	40.0N, 144.6E
346	20	20 — —		— —		00 01		— —		— —		— —		− 4		—		— —	0	
347	21	18 — —		— —		11 55		*e* 11 57		— —		— —		+ 4		—		— —	0	
348	23	8 11 17		11 20		? 16 24		*e* 16 25		— —		— —		−11		—		13 03	0	30.4N, 131.7E
349	23	13 22 43		22 44		24 42		*e* 24 47		— —		— —		+15		−53		13 15	0	32.9N, 136.1E
350	23	13 42 30		*e* 42 33		42 45		42 46		— —		— —		+26		+13		2 55	0	
351	24	14 — —		— —		10 57		— —		— —		— —		—		—		— —	0	
352	25	1 15 35		*e* 15 35		23 19		? 23 06		— —		— —		—		—		35 41	0	5N, 95E
353	26	*e* 23 52 27		— —		52 49		52 48		— —		— —		+ 5		—		2 30	0	
354	28	14 16 59		— —		47 16		47 15		— —		— —		+13		−10		3 30	0	
355	28	17 00 39		00 38		01 47		01 44		— —		— —		+321		+355		16 41	0	35.1N, 135.8E [370]
356	29	10 39 46		— —		40 35		40 36		— —		— —		+11		−23		7 05	0	
357	29	16 20 40		20 40		21 17		21 19		— —		— —		−20		+30		7 10	0	41.4N, 144.4E [S]
358	31	*e* 0 57 05		— —		57 27		57 25		— —		— —		− 6		—		4 01	0	
359	31	*e* 14 39 56		— —		*e* 40 34		*e* 40 36		— —		— —		− 6		—		4 30	0	
360	Jun. 3	*e* 11 22 44		— —		23 22		*e* 23 23		— —		— —		− 5		—		3 30	0	
361	3	22 22 10		22 11		22 48		*e* 22 49		— —		— —		−50		+100		8 34	0	42.1N, 143.4E [55]
362	4	9 53 45		*e* 53 48		54 18		54 20		— —		— —		+ 8		+ 8		4 02	0	41.9N, 142.1E [S]
363	6	*e* 3 40 31		— —		*e* 40 44		— —		— —		— —		—		—		2 07	0	
364	10	*e* 1 47 13		— —		47 32		— —		— —		— —		− 3		—		3 15	0	
365	10	14 43 29		— —		43 39		— —		— —		— —		—		—		1 12	0	
366	11	10 42 19		— —		42 53		42 55		— —		— —		− 6		+ 8		5 22	0	
367	11	16 44 06		*e* 44 06		44 51		44 51		— —		— —		+19		−25		7 13	0	
368	11	*e* 18 32 23		— —		33 13		— —		— —		— —		− 3		—		4 50	0	
369	12	9 — —		— —		— —		04 16		— —		— —		—		−25		— —	0	
370	12	20 17 29		— —		18 02		*e* 18 02		— —		— —		− 5		—		3 56	0	36.2N, 140.1E [55]
371	13	*e* 1 02 35		— —		02 44		— —		— —		— —		—		—		1 32	0	
372	14	2 00 42		00 41		01 03		01 01		— —		— —		+40		+48		5 16	0	40,7N, 142.3E
373	14	16 56 21		56 21		56 44		56 41		— —		— —		+283		+485		13 28	0	39.1N. 143.0E [0∼10]
374	14	*e* 17 18 28		*e* 18 29		18 50		18 47		— —		— —		−15		+ 8		3 59	0	
375	14	*e* 17 47 41		— —		48 18		— —		— —		— —		− 6		—		2 43	0	
376	14	19 20 55		*e* 20 58		21 19		21 18		— —		— —		−18		—		5 25	0	
377	15	14 55 07		55 07		55 28		55 27		— —		— —		−37		−28		5 55	0	
378	15	19 — —		— —		44 31		— —		— —		— —		—		—		— —	0	
379	15	21 — —		— —		49 10		— —		— —		— —		—		—		— —	0	
380	15	22 — —		— —		12 32		— —		— —		— —		—		—		— —	0	
381	15	23 53 32		53 33		53 49		53 50		— —		— —		+100		−183		10 08	0	39.0N, 143.5E [S]
382	16	1 20 48		20 48		21 06		21 07		— —		— —		−205		+425		11 51	0	39.0N, 143.0E
383	17	2 15 01		— —		15 17		15 16		— —		— —		−25		—		5 25	0	
384	18	12 58 34		58 32		59 11		59 09		— —		— —		−16		−10		20 34	0	
385	19	21 20 25		*e* 20 23		*e* 26 20		*e* 26 16		— —		— —		+12		+258		40 36	0	25N, 103E

EARTHQUARES, 1952.

No.	Date 1952	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	Remarks
		h m s		m s		m s		m s		m s		m s		μ		μ		m s		
386	Jun. 20	4 12 45		12 44		13 29		13 28		— —		— —		+ 9		—		7 05	0	42.2N, 143.1E [55]
387	20	14 51 15		*e* 51 15		55 19		? 55 15		? 59 12		? 58 58		—		—		21 19	0	24N, 120E
388	21	15 31 52		*e* 31 58		33 59		33 59		— —		— —		−19		− 5		10 39	0	45N, 154E [S]
389	22	19 11 18		11 16		13 15		13 12		— —		— —		+17		+15		14 13	0	46N, 154E [S]
390	23	6 44 49		44 48		46 51		46 48		— —		— —		+104		+545		81 26	0	46.0N, 153.5E [S]
391	23	*e* 7 03 14		— —		*e* 04 09		— —		— —		— —		−15		—		— —	0	
392	23	*e* 21 08 11		*e* 08 11		*e* 12 02		*e* 12 02		— —		— —		—		—		15 43	0	
393	24	6 — —		— —		49 38		— —		— —		— —		+ 4		—		— —	0	
394	24	*e* 13 50 18		— —		50 37		— —		— —		— —		− 3		—		2 20	0	
395	24	18 — —		— —		01 03		— —		— —		— —		—		—		— —	0	
396	25	1 34 00		33 59		*e* 34 33		*e* 34 34		— —		— —		− 8		−13		5 51	0	
397	27	11 05 43		— —		06 08		— —		— —		— —		−15		—		3 50	0	
398	28	21 — —		— —		09 04		— —		— —		— —		—		—		— —	0	
399	29	6 36 00		— —		36 23		*e* 36 25		— —		— —		− 3		—		3 37	0	
400	30	0 53 03		53 03		53 35		53 35		— —		— —		−40		+25		6 49	0	41.9N, 142.2E [90～95]
401	30	15 02 02		*e* 02 01		02 46		02 44		— —		— —		+21		−15		6 59	0	42.4N, 144.9E
402	Jul. 1	16 — —		— —		31 11		— —		— —		— —		—		—		— —	0	
403	4	9 — —		— —		06 14		— —		— —		— —		—		—		— —	0	
404	4	10 34 32		— —		34 50		34 48		— —		— —		− 6		—		2 49	0	
405	6	*e* 9 56 32		— —		56 51		— —		— —		— —		+ 5		—		3 29	0	
406	6	18 17 45		*e* 17 43		18 13		18 10		— —		— —		+25		+13		5 34	0	40.8N, 143.3E
407	6	20 29 57		29 58		30 18		*e* 30 24		— —		— —		+ 5		—		3 20	0	
408	7	13 45 12		— —		45 54		*e* 45 53		— —		— —		+ 8		—		5 39	0	42.5N, 144.8E
409	8	10 01 23		— —		02 06		— —		— —		— —		+ 3		—		5 46	0	
410	8	21 57 16		— —		57 46		*e* 57 47		— —		— —		−18		—		7 17	0	36.2N, 140.9E [30]
411	11	0 22 29		— —		22 39		— —		— —		— —		—		—		1 31	0	
412	11	*e* 16 56 47		— —		57 06		— —		— —		— —		—		—		2 35	0	
413	11	19 — —		— —		36 16		— —		— —		— —		—		—		— —	0	
414	13	21 08 39		*e* 08 40		— —		16 50		— —		— —		+21		−88		15 39	0	18.5S, 169.5E
415	14	2 42 39		*e* 42 41		49 06		49 05		— —		— —		−16		+20		18 57	0	3S, 128E
416	15	18 — —		— —		09 01		— —		— —		— —		—		—		— —	0	
417	15	21 — —		— —		45 23		— —		— —		— —		—		—		— —	0	
418	15	23 — —		— —		25 41		— —		— —		— —		− 2		—		— —	0	
419	18	1 11 23		11 26		12 51		12 51		— —		— —		−960		−790		31 26	0	34.5N, 135.8E [70]
420	18	18 — —		— —		22 29		— —		— —		— —		—		—		— —	0	
421	20	9 20 49		*e* 20 50		21 18		21 18		— —		— —		—		—		6 25	0	
422	21	21 04 01		— —		*e* 13 48		— —		— —		— —		—		—		62 37	0	35N, 120W
423	23	19 36 47		— —		37 04		*e* 37 07		— —		— —		+ 5		—		3 28	0	
424	25	7 10 32		10 31		11 21		11 21		— —		— —		+122		+148		21 06	0	42.7N, 145.3E
425	27	17 33 56		33 56		42 32		42 31		— —		— —		—		—		17 22	0	
426	30	12 34 52		— —		35 53		*e* 35 53		— —		— —		−13		—		7 41	0	
427	30	18 — —		— —		17 43		— —		— —		— —		—		—		— —	0	
428	30	21 33 14		*e* 33 13		34 02		34 03		— —		— —		+ 6		− 5		6 45	0	42.7N, 145.2E
429	31	3 31 30		31 29		32 09		32 08		— —		— —		−43		−25		8 00	0	
430	Aug. 1	13 26 32		— —		26 44		*e* 26 44		— —		— —		—		—		2 43	0	
431	1	13 42 55		— —		43 17		— —		— —		— —		—		—		2 26	0	
432	1	*e* 23 27 19		— —		27 38		— —		— —		— —		—		—		3 45	0	
433	3	2 11 44		— —		11 54		— —		— —		— —		+ 5		—		2 04	0	
434	3	20 19 48		— —		20 16		20 15		— —		— —		+15		—		6 06	0	40.7N, 143.2E
435	4	*e* 5 32 07		— —		32 28		— —		— —		— —		—		—		2 19	0	
436	4	*e* 6 12 51		— —		13 09		*e* 13 12		— —		— —		+ 4		—		3 03	0	42.2N, 144.1E
437	5	13 32 47		— —		33 00		— —		— —		— —		—		—		1 40	0	
438	6	12 — —		— —		36 17		— —		— —		— —		—		—		— —	0	
439	8	6 54 32		54 30		55 11		55 12		— —		— —		+66		+55		10 50	0	41.8N, 145E
440	8	*e* 12 36 40		— —		36 54		— —		— —		— —		− 7		—		3 29	0	40.3N, 142.3E

EARTHQUAKES, 1952.

No.	Date 1952	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	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		
441	Aug. 9	7 07 48		—	—	08 12		e 08 11		— —		— —		− 9	+ 8			5 35	0	36.5N, 140.9E [0~10]
442	9	18 39 10		—	—	39 52		? 39 54		— —		— —		+26	—			6 53	0	42.0N, 145.2E
443	11	3 23 43		—	—	23 52		? 23 52		— —		— —		+ 7	—			3 48	0	
444	11	22 18 29		—	—	18 47		— —		— —		— —		+ 5	—			3 09	0	
445	12	13 — —		—	—	11 22		— —		— —		— —		—	—			— —	0	
446	13	0 56 55		56	55	57 54		57 56		— —		— —		−38	−28			8 12	0	35.5N, 140.3E [10]
447	13	5 40 38		—	—	41 18		— —		— —		— —		− 3	—			4 00	0	35.4N, 140.2E [0~10]
448	14	1 20 42		—	—	20 55		— —		— —		— —		—	—			1 41	0	
449	15	10 24 10		—	—	24 35		— —		— —		— —		—	—			3 15	0	
450	16	4 59 44		59	46	60 16		e 60 20		— —		— —		+50	−50			8 07	0	36.5N, 140.8E
451	17	9 28 27		28	28	28 49		28 47		— —		— —		−11	—			4 06	0	37.5N, 141.9E
452	18	1 09 54		09	56	15 47		e 15 49		e 22 41		e 22 26		+238	+2958			72 10	0	30.5N, 91.5E
453	20	5 37 38		—	—	38 00		— —		— —		— —		− 9	—			4 05	0	
454	21	19 — —		—	—	44 33		— —		— —		— —		—	—			— —	0	
455	22	19 — —		—	—	21 19		— —		— —		— —		—	—			— —	0	
456	23	16 22 41		e 22	40	23 26		e 23 25		— —		— —		− 3	—			4 09	0	40.5N, 138.0E
457	24	21 28 43		e 28	42	29 26		29 26		— —		— —		− 6	—			7 50	0	
458	24	21 49 20		—	—	49 56		e 49 55		— —		— —		− 5	—			2 08	0	
459	24	21 — —		—	—	52 06		e 52 08		— —		— —		—	—			— —	0	
460	26	19 16 19		16	19	17 24		17 25		— —		— —		−10	—			5 40	0	32.8N, 140.1E [120]
461	29	14 37 28		—	—	38 06		— —		— —		— —		—	—			3 29	0	
462	30	23 — —		—	—	04 24		— —		— —		— —		—	—			— —	0	
463	31	11 30 30		—	—	31 05		e 31 04		— —		— —		−12	—			6 59	0	42.2N, 142.3E [20]
464	Sep. 1	1 10 31		10	30	11 02		11 04		— —		— —		−206	−403			15 45	0	41.9N, 142.8E
465	4	10 39 03		—	—	39 25		39 28		— —		— —		−36	−20			5 46	0	40.8N, 142.2E
466	4	13 11 15		—	—	11 25		— —		— —		— —		− 5	—			2 39	0	
467	4	e 22 54 28		—	—	e 54 54		— —		— —		— —		—	—			3 01	0	
468	5	11 — —		—	—	e 44 14		— —		— —		— —		—	—			— —	0	
469	7	5 33 43		33	45	34 15		e 34 18		— —		— —		+21	−23			7 04	0	41.5N, 142.3E
470	8	7 — —		—	—	24 30		e 24 32		— —		— —		+11	—			— —	0	
471	9	21 58 12		—	—	58 38		— —		— —		— —		+ 2	—			2 24	0	
472	11	11 31 23		e 31	25	31 41		e 31 50		— —		— —		− 5	—			4 36	0	42.0N, 142.8E
473	11	15 — —		—	—	11 40		— —		— —		— —		—	—			— —	0	
474	12	8 — —		—	—	e 40 46		— —		— —		— —		—	—			— —	0	
475	13	11 31 48		—	—	31 58		— —		— —		— —		—	—			3 27	0	38.5N, 142.0E [S]
476	13	17 49 53		—	—	50 16		— —		— —		— —		—	—			3 03	0	
477	13	22 — —		—	—	33 52		— —		— —		— —		—	—			— —	0	
478	14	4 14 49		—	—	15 18		— —		— —		— —		+16	—			7 55	0	
479	15	7 26 45		26	44	27 34		27 33		— —		— —		+ 8	+ 8			4 38	0	43.8N, 141.6E
480	15	18 34 38		—	—	34 52		— —		— —		— —		—	—			1 43	0	
481	16	3 — —		—	—	46 13		— —		— —		— —		—	—			— —	0	
482	18	6 48 32		48	31	50 11		50 12		— —		— —		− 6	+15			6 10	0	
483	18	11 31 33		—	—	32 02		32 03		— —		— —		− 9	—			5 05	0	41.8N, 142.8E [S]
484	19	18 32 57		—	—	33 50		— —		— —		— —		+ 4	—			4 33	0	43.5N, 146.9E [80]
485	20	0 40 12		e 40	16	40 45		e 40 52		— —		— —		+30	−25			8 25	0	42.1N, 142.7E [45]
486	21	11 — —		—	—	18 39		— —		— —		— —		—	—			— —	0	
487	21	11 50 05		e 50	05	e 51 02		e 51 03		— —		— —		+ 5	− 8			13 07	0	
488	21	20 13 38		e 13	38	14 39		? 14 39		— —		— —		−20	−48			27 45	0	33.0N, 142.0E
489	22	11 36 17		—	—	36 43		e 36 35		— —		— —		+21	—			7 34	0	36.6N, 141.2E
490	23	22 — —		—	—	54 02		— —		— —		— —		—	—			— —	0	
491	24	22 29 37		—	—	30 00		— —		— —		— —		—	—			3 38	0	
492	26	0 01 48		—	—	02 35		— —		— —		— —		+ 7	—			4 38	0	
493	28	1 24 46		—	—	24 49		24 51		— —		— —		±101	±223			5 15	1	
494	28	4 09 35		e 09	39	12 33		e 12 32		— —		— —		—	—			18 03	0	49.5N, 160.0E
495	28	7 — —		—	—	51 16		— —		— —		— —		—	—			— —	0	

EARTHQUAKES, 1952.

No.	Date 1952	P				S				L				Maximum Range of Motion				Duration of Total Earthquake		Intensity	Remarks
		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	m	s	μ		μ		m	s										
496	Sep. 28	20	23	51		24	00	—	—	—	—	—	—	—	—	—	—	—		—		2	12	0									
497	28	21	46	20		—	—	46	42	e	46	43		—	—	—	—	+	8	—		3	43	0									
498	30	12	—	—		—	—	59	05	—	—	—	—	—	—	—	—	—		—		—	—	0									
499	30	13	—	—		—	—	17	10	—	—	—	—	—	—	—	—	+	3	—		—	—	0									
500	30	21	58	45	e	58	54	e	65	18	e	65	37	—	—	—	—	+	5	+148		36	03	0	28.5N, 102.0E								
501	Oct. 1	e	4	47	36	—	—	47	51	—	—	—	—	—	—	—	—	+	5	—		5	07	0									
502	2	12	11	12		11	11	11	53	11	54	—	—	—	—	—	—	+34		+53		6	01	0	42.2N, 143.2E [40~50]								
503	4	e	18	53	29	—	—	53	40	—	—	—	—	—	—	—	—	—		—		1	17	0									
504	8	1	52	12		—	—	53	04	53	02	—	—	—	—	—	—	−16		—		2	35	0	44.0N, 141.5E								
505	8	7	—	—		—	—	16	32	—	—	—	—	—	—	—	—	−	2	—		—	—	0									
506	11	e	7	40	19	—	—	40	57	e	40	54		—	—	—	—	−	3	—		6	45	0									
507	11	?	9	22	24	?	22	22	—	—	?	29	06	—	—	—	—	—		—		11	06	0	6S, 149E								
508	13	1	—	—		—	—	18	36	—	—	—	—	—	—	—	—	+	4	—		—	—	0									
509	14	20	52	58		—	—	e	53	37	—	—		—	—	—	—	—		—		3	50	0									
510	15	9	11	25	e	11	21	12	31	e	12	27		—	—	—	—	−100		+135		9	48	0	35.9N, 141.4E [40]								
511	15	13	32	20		—	—	32	34	—	—	—	—	—	—	—	—	—		—		1	47	0									
512	15	19	04	01		—	—	04	14	—	—	—	—	—	—	—	—	—		—		1	15	0									
513	15	23	13	35		—	—	13	58	—	—	—	—	—	—	—	—	—		—		1	33	0									
514	16	4	05	20	e	05	17	06	13	06	14	—	—	—	—	—	—	−22		+ 5		5	21	0	42.2N, 145.4E								
515	16	18	48	40		—	—	49	15	49	15	—	—	—	—	—	—	+101		−148		8	00	0	41.6N, 142.4E [60]								
516	17	10	49	15		—	—	49	48	e	49	47		—	—	—	—	−16		—		4	19	0	43.2N, 146.1E [40]								
517	18	0	17	32	e	17	33	18	24	e	18	22		—	—	—	—	−17		—		6	02	0	43.2N, 145.2E								
518	18	e	14	32	47	—	—	e	33	33	—	—		—	—	—	—	—		—		3	15	0									
519	20	18	10	52		—	—	11	02	—	—	—	—	—	—	—	—	±	6	—		1	32	0									
520	20	e	23	32	38	e	32	41	?	36	07	?	36	08	—	—	—	—		—		13	16	0	19.5N, 143.0E								
521	21	e	0	10	07	e	09	56	e	13	35	?	13	33	—	—	—	—		—		8	00	0	19.0N, 141.5E								
522	21	3	20	13		e	20	11	20	52	20	51		—	—	—	—	−21		—		5	00	0	42.6N, 140.9E								
523	22	15	06	10		—	—	06	20	—	—	—	—	—	—	—	—	−	5	—		1	07	0									
524	23	6	—	—		—	—	58	45	—	—	—	—	—	—	—	—	+	5	—		—	—	0									
525	23	8	27	21		—	—	27	35	—	—	—	—	—	—	—	—	−15		—		1	26	0									
526	23	15	—	—		—	—	57	30	—	—	—	—	—	—	—	—	+	6	—		—	—	0									
527	24	e	20	41	50	—	—	42	09	—	—	—	—	—	—	—	—	+	5	—		1	26	0									
528	25	12	17	49		—	—	18	41	e	18	41		—	—	—	—	−15		—		4	49	0	43.0N, 145.4E [S]								
529	26	14	32	31	e	32	35	33	12	e	33	12		—	—	—	—	−20		—		5	15	0	39.5N, 143.1E								
530	26	15	53	15	e	53	13	53	38	53	39	—	—	—	—	—	—	−77		−90		7	33	0	39.8N, 144.0E								
531	26	16	20	46		—	—	21	10	—	—	—	—	—	—	—	—	—		—		—	—	0									
532	26	e	16	21	55	—	—	22	19	—	—	—	—	—	—	—	—	−	9	—		2	52	0									
533	26	16	34	30		34	31	34	53	34	54	—	—	—	—	—	—	−215		+300		—	—	0	39.6N, 144.2E								
534	26	16	40	32		—	—	41	15	e	41	14		—	—	—	—	−33		—		4	25	0									
535	26	16	59	08		—	—	e	59	41	—	—		—	—	—	—	−	6	—		3	14	0									
536	26	17	10	21		—	—	10	47	—	—	—	—	—	—	—	—	−17		—		3	56	0									
537	26	17	22	26		—	—	22	55	—	—	—	—	—	—	—	—	+	3	—		2	00	0									
538	26	17	42	27		42	27	43	29	43	30	—	—	—	—	—	—	+790		−1415		18	04	0	34.1N,137.8E[280~290]								
539	26	18	12	20		12	19	—	—	12	46	—	—	—	—	—	—	+45		+63		7	24	0	39.4N, 144.1E [S]								
540	26	18	57	27		—	—	58	06	—	—	—	—	—	—	—	—	+	5	—		2	26	0									
541	26	19	41	43		—	—	42	08	—	—	—	—	—	—	—	—	+	5	—		2	43	0									
542	26	20	09	22	e	09	24	10	03	e	09	59		—	—	—	—	−23		—		—	—	0									
543	26	20	11	57		—	—	12	27	12	26	—	—	—	—	—	—	−63		−58		6	29	0	39.6N, 144.1E								
544	26	22	07	46	e	07	46	08	08	08	10	—	—	—	—	—	—	+39		+13		6	13	0									
545	26	22	20	50		20	50	21	07	21	09	—	—	—	—	—	—	+452		−660		17	29	0	39.4N, 143.9E								
546	26	23	11	11		—	—	11	38	—	—	—	—	—	—	—	—	+11		—		3	58	0									
547	26	23	29	59		—	—	30	25	—	—	—	—	—	—	—	—	—		—		—	—	0									
548	26	23	30	35		30	36	30	57	30	56	—	—	—	—	—	—	−406		−678		16	30	0	39.5N, 144.1E [S]								
549	27	0	19	04		—	—	19	31	—	—	—	—	—	—	—	—	+11		—		4	18	0									
550	27	0	44	35		—	—	44	59	—	—	—	—	—	—	—	—	—		—		—	—	0									

EARTHQUAKES, 1952.

No.	Date 1952	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	Remarks
		h m s		m s		m s		m s		m s		m s		μ		μ		m s		
551	Oct. 27	0 46 46		46 48		47 25		47 26		— —		— —		−735		+1265		— —	2	39.3N, 144.0E
552	27	0 53 35		53 36		53 58		53 58		— —		— —		⊕		⊕		16 24	3	39.5N, 143.7E [50]
553	27	1 05 54		— —		06 20		— —		— —		— —		—		—		6 10	0	
554	27	1 12 38		— —		13 06		— —		— —		— —		−71		—		7 49	0	
555	27	1 21 24		— —		21 46		— —		— —		— —		—		—		2 40	0	
556	27	1 27 29		— —		27 56		— —		— —		— —		—		—		— —	0	
557	27	1 29 07		— —		29 29		— —		— —		— —		+11		—		3 11	0	
558	27	1 43 20		— —		43 43		— —		— —		— —		—		—		— —	0	
559	27	1 44 49		— —		45 19		— —		— —		— —		—		—		4 18	0	
560	27	2 06 28		— —		07 01		— —		— —		— —		+56		—		3 56	0	
561	27	2 18 03		— —		18 29		— —		— —		— —		+ 9		—		2 36	0	
562	27	2 21 05		— —		21 27		— —		— —		— —		−15		—		4 17	0	39.3N, 143.5E
563	27	2 29 00		— —		29 28		— —		— —		— —		+ 8		—		3 17	0	
564	27	2 56 50		— —		57 21		— —		— —		— —		− 4		—		— —	0	
565	27	2 — —		— —		59 19		— —		— —		— —		—		—		— —	0	
566	27	3 02 34		02 35		03 06		03 06		— —		— —		⊕		−1363		32 45	1	39.4N, 144.0E
567	27	3 14 04		— —		14 30		— —		— —		— —		—		—		3 34	0	
568	27	3 27 00		— —		27 37		— —		— —		— —		—		—		3 15	0	
569	27	3 31 14		— —		31 46		— —		— —		— —		—		—		1 58	0	
570	27	3 45 20		— —		45 50		— —		— —		— —		+14		—		4 32	0	
571	27	4 19 49		19 47		20 04		20 05		— —		— —		—		—		— —	2	39.3N, 143.3E [20]
572	27	4 32 11		— —		32 37		— —		— —		— —		−23		—		5 23	0	
573	27	4 40 55		— —		41 22		— —		— —		— —		−18		—		— —	0	
574	27	4 — —		— —		44 21		— —		— —		— —		—		—		— —	0	
575	27	4 — —		— —		47 31		— —		— —		— —		—		—		— —	0	
576	27	4 53 14		— —		53 34		— —		— —		— —		+15		—		4 42	0	
577	27	4 — —		— —		59 54		— —		— —		— —		—		—		— —	0	
578	27	5 — —		— —		04 34		— —		— —		— —		—		—		— —	0	
579	27	5 08 11		— —		08 52		— —		— —		— —		−10		—		— —	0	
580	27	5 11 24		— —		11 46		— —		— —		— —		—		—		— —	0	
581	27	5 — —		— —		13 28		— —		— —		— —		—		—		— —	0	
582	27	5 14 58		14 56		15 16		15 15		— —		— —		−56		+80		— —	0	39.3N, 143.6E [S]
583	27	5 20 40		— —		21 02		21 03		— —		— —		−22		—		— —	0	
584	27	5 25 19		25 21		25 42		25 44		— —		— —		±65		+75		— —	0	
585	27	5 27 42		27 45		28 06		28 07		— —		— —		−461		−580		12 07	0	39.8N, 144.0E [40]
586	27	5 — —		— —		42 36		— —		— —		— —		—		—		— —	0	
587	27	5 47 10		— —		47 31		— —		— —		— —		+ 9		—		4 03	0	
588	27	5 54 00		— —		54 21		— —		— —		— —		—		—		3 08	0	
589	27	6 23 00		— —		23 24		— —		— —		— —		—		—		2 51	0	
590	27	6 49 09		— —		49 36		— —		— —		— —		+10		—		3 03	0	
591	27	6 52 48		— —		53 10		53 10		— —		— —		+14		—		4 08	0	41.1N, 142.6E [40]
592	27	6 59 27		— —		59 49		— —		— —		— —		—		—		— —	0	
593	27	7 01 12		01 11		01 35		01 35		— —		— —		−248		+395		12 17	0	39.4N, 143.8E [S]
594	27	7 — —		— —		17 36		— —		— —		— —		—		—		— —	0	
595	27	7 22 05		— —		22 30		— —		— —		— —		—		—		2 46	0	
596	27	7 31 12		— —		31 34		— —		— —		— —		—		—		2 33	0	
597	27	*e* 7 39 43		— —		*e* 40 06		— —		— —		— —		− 5		—		2 21	0	
598	27	7 — —		— —		43 12		— —		— —		— —		—		—		— —	0	
599	27	8 33 31		— —		33 54		— —		— —		— —		—		—		2 22	0	
600	27	8 — —		— —		40 16		— —		— —		— —		—		—		— —	0	
601	27	8 45 28		— —		45 50		45 47		— —		— —		−46		−23		3 04	0	
602	27	8 50 22		50 22		50 47		50 40		— —		— —		−101		−155		10 28	0	39.6N, 143.7E
603	27	9 — —		— —		11 21		— —		— —		— —		—		—		— —	0	
604	27	*e* 9 53 33		— —		53 54		— —		— —		— —		—		—		1 58	0	
605	27	10 29 53		— —		30 18		— —		— —		— —		-- 7		—		4 44	0	

EARTHQUAKES, 1952.

No.	Date 1952	P				S				L				Maximum Range of Motion				Duration of Total Earthquake		Intensity	Remarks
		E		W		N		W		E		W		N		S		E		W		N		S							
		h	m	s		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		
606	Oct. 27	10	51	11		—	—	51	23	—	—	—	—	—	—	—	—	—		—		1	55	0	
607	27	11	34	55		—	—	35	17	—	—	—	—	—	—	—	—	—		—		2	54	0	
608	27	12	11	07		*e* 11	12	11	34	*e* 11	37	—	—	—	—	—	—	+34		—		6	24	0	39.2N, 143.9E [S]
609	27	12	17	44		17	44	⊕	⊕	18	06	—	—	—	—	—	—	⊕		+2013		30	25	1	39.4N, 143.4E
610	27	12	31	30		—	—	32	04	*e* 32	09	—	—	—	—	—	—	+98		−133		10	50	0	
611	27	13	01	25		—	—	01	45	—	—	—	—	—	—	—	—	+ 6		—		4	40	0	
612	27	14	21	29		—	—	21	55	—	—	—	—	—	—	—	—	− 7		—		4	21	0	
613	27	14	56	35		—	—	56	56	—	—	—	—	—	—	—	—	+ 4		—		2	17	0	
614	27	15	03	25		—	—	03	38	—	—	—	—	—	—	—	—	—		—		1	41	0	
615	27	15	—	—		—	—	06	53	—	—	—	—	—	—	—	—	—		—		—	—	0	
616	27	15	—	—		—	—	32	56	—	—	—	—	—	—	—	—	—		—		—	—	0	
617	27	15	34	00		34	02	34	24	34	24	—	—	—	—	—	—	+94		−53		8	46	0	39.4N, 143.5E
618	27	16	13	05		—	—	13	31	—	—	—	—	—	—	—	—	− 6		—		3	24	0	
619	27	16	17	07		—	—	17	25	—	—	—	—	—	—	—	—	− 7		—		3	34	0	
620	27	17	08	32		—	—	08	55	—	—	—	—	—	—	—	—	−37		—		5	11	0	39.5N, 143.5E
621	27	17	17	51		—	—	18	08	—	—	—	—	—	—	—	—	− 3		—		2	26	0	
622	27	18	10	27		—	—	11	01	—	—	—	—	—	—	—	—	+15		—		4	48	0	
623	27	19	19	30		—	—	19	56	—	—	—	—	—	—	—	—	− 4		—		3	05	0	
624	27	22	15	00		*e* 14	59	15	21	*e* 15	21	—	—	—	—	—	—	+10		—		4	09	0	
625	27	23	57	24		—	—	57	44	—	—	—	—	—	—	—	—	−		—		2	43	0	
626	28	1	45	43		—	—	46	05	—	—	—	—	—	—	—	—	+ 5		—		2	45	0	
627	28	3	45	59		—	—	46	19	—	—	—	—	—	—	—	—	− 3		—		2	50	0	
628	28	12	06	19		06	19	06	44	06	44	—	—	—	—	—	—	−37		−25		6	06	0	39.3N, 143.3E [S]
629	28	14	06	36		—	—	07	02	—	—	—	—	—	—	—	—	− 5		—		3	25	0	
630	28	*e* 14	26	16		—	—	26	36	—	—	—	—	—	—	—	—	− 4		—		2	26	0	
631	28	15	31	34		31	35	31	50	31	49	—	—	—	—	—	—	⊕		−1750		27	53	2	39.5N, 144.6E
632	28	15	51	24		—	—	51	46	—	—	—	—	—	—	—	—	—		—		3	36	0	
633	28	20	—	—		—	—	44	44	—	—	—	—	—	—	—	—	—		—		—	—	0	
634	29	0	—	—		—	—	14	04	—	—	—	—	—	—	—	—	—		—		—	—	0	
635	29	1	25	49		25	49	26	13	26	12	—	—	—	—	—	—	+57		+83		10	38	0	
636	29	1	45	53		45	54	46	13	46	16	—	—	—	—	—	—	+365		−903		15	30	1	39.3N, 143.9E [S]
637	29	4	28	27		—	—	28	48	—	—	—	—	—	—	—	—	+ 6		—		2	27	0	
638	29	5	26	56		—	—	27	18	—	—	—	—	—	—	—	—	− 7		—		3	01	0	
639	29	6	27	45		—	—	28	11	—	—	—	—	—	—	—	—	− 5		—		3	17	0	
640	29	7	51	33		—	—	51	59	—	—	—	—	—	—	—	—	+10		—		4	53	0	
641	30	1	23	20		—	—	23	35	—	—	—	—	—	—	—	—	—		—		2	22	0	
642	30	14	44	29		*e* 44	29	44	51	*e* 44	51	—	—	—	—	—	—	+ 6		—		5	11	0	
643	31	1	15	39		—	—	16	18	*e* 16	22	—	—	—	—	—	—	+20		—		7	23	0	
644	31	2	34	20		—	—	34	44	—	—	—	—	—	—	—	—	+ 3		—		2	59	0	
645	31	14	33	55		—	—	34	17	—	—	—	—	—	—	—	—	—		—		2	33	0	
646	31	22	—	—		—	—	15	13	—	—	—	—	—	—	—	—	—		—		—	—	0	
647	Nov. 1	1	37	49		37	49	38	05	38	12	—	—	—	—	—	—	⊕		+1880		—	—	0	39.2N, 143.8E [60]
648	1	*e* 1	49	13		*e* 49	13	50	01	49	59	—	—	—	—	—	—	−123		−165		19	35	0	
649	1	*e* 2	01	49		—	—	02	19	—	—	—	—	—	—	—	—	+ 4		—		4	45	0	
650	1	2	16	16		—	—	16	32	—	—	—	—	—	—	—	—	—		—		2	33	0	
651	1	2	45	53		—	—	46	12	—	—	—	—	—	—	—	—	−23		—		5	44	0	
652	1	6	15	36		—	—	16	06	—	—	—	—	—	—	—	—	—		—		3	22	0	
653	1	*e* 15	15	05		—	—	15	28	—	—	—	—	—	—	—	—	− 3		—		2	03	0	
654	1	*e* 18	04	00		—	—	04	07	—	—	—	—	—	—	—	—	—		—		1	21	0	
655	1	*e* 18	11	48		—	—	12	02	—	—	—	—	—	—	—	—	—		—		1	23	0	
656	1	19	18	19		—	—	18	33	—	—	—	—	—	—	—	—	− 5		—		2	10	0	
657	2	9	—	—		—	—	42	29	—	—	—	—	—	—	—	—	− 3		—		—	—	0	
658	2	9	53	02		—	—	53	23	—	—	—	—	—	—	—	—	+ 5		—		2	23	0	
659	2	10	40	53		—	—	41	12	—	—	—	—	—	—	—	—	− 5		—		—	—	0	
660	2	10	42	47		42	47	43	17	43	18	—	—	—	—	—	—	−55		−75		9	00	0	

EARTHQUAKES, 1952.

No.	Date 1952	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	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	μ	μ	m s		
661	Nov. 2	12 23 28		23 31		24 03		24 05		— —		— —		+45		+18		6 40	0	
662	2	15 — —		— —		31 23		— —		— —		— —		—		—		— —	0	
663	3	9 59 38		*e* 59 39		59 57		59 59		— —		— —		− 6		—		4 20	0	
664	3	21 30 56		— —		31 16		*e* 31 19		— —		— —		+ 4		—		2 34	0	
665	3	21 36 41		— —		37 14		*e* 37 17		— —		— —		− 4		—		4 01	0	36.6N, 139.7E [10]
666	4	2 — —		— —		27 49		— —		— —		— —		—		—		— —	0	
667	4	19 — —		— —		16 59		— —		— —		— —		—		—		— —	0	
668	5	1 35 28		— —		35 38		35 39		— —		— —		+25		—		4 32	0	
669	5	2 02 44		02 48		06 29		06 33		— —		— —		⊕		⊕		— —	1	52N, 162E [S]
670	5	6 05 24		— —		? 09 00		— —		14 28		— —		—		—		4 39	0	
671	5	? 6 45 20		— —		50 28		— —		— —		— —		—		—		— —	0	
672	5	*e* 6 56 49		— —		? 58 45		— —		— —		— —		+ 5		—		9 03	0	
673	5	7 17 30		17 29		23 57		*e* 23 54		*e* 31 33		*e* 32 16		—		—		— —	0	
674	5	7 41 07		41 07		44 29		44 29		47 36		— —		—		—		20 34	0	
675	5	8 32 57		32 55		36 05		36 03		— —		— —		—		—		— —	0	51N, 160E [S]
676	5	8 44 55		? 44 55		47 10		? 47 13		— —		— —		—		—		20 25	0	
677	5	11 23 44		*e* 23 50		26 21		26 21		— —		— —		− 5		+13		8 37	0	51N, 158E [S]
678	5	11 34 30		— —		34 49		*e* 34 49		— —		— —		− 5		—		2 53	0	
679	5	12 33 47		*e* 33 54		*e* 36 55		? 37 02		— —		— —		+ 8		+25		17 38	0	51N, 160E [S]
680	5	13 20 39		20 40		23 54		? 24 25		— —		— —		—		—		9 10	0	
681	5	15 01 18		01 17		04 00		04 01		— —		— —		+16		−45		33 15	0	49N, 158.5E [S]
682	5	15 40 05		— —		43 21		— —		— —		— —		—		—		12 44	0	
683	5	16 11 02		— —		14 15		— —		— —		— —		—		—		8 08	0	
684	5	18 02 32		— —		06 50		— —		— —		— —		—		—		15 00	0	
685	5	18 35 09		— —		38 44		— —		— —		— —		—		—		11 07	0	
686	5	18 48 31		— —		50 39		— —		— —		— —		—		—		7 09	0	
687	5	19 19 21		— —		21 59		— —		— —		— —		—		—		6 21	0	
688	5	20 — —		— —		23 28		— —		— —		— —		+ 3		—		— —	0	
689	5	20 39 00		— —		41 29		— —		— —		— —		—		—		9 35	0	
690	5	20 50 36		— —		52 59		? 52 35		— —		— —		+ 5		—		28 24	0	
691	5	22 10 44		10 44		14 22		*e* 14 17		— —		— —		—		−38		42 27	0	52N, 162E [S]
692	5	23 12 19		— —		13 24		13 28		— —		— —		+ 8		—		12 01	0	44.5N, 137.0E [300]
693	5	23 52 23		— —		54 32		— —		— —		— —		+ 6		—		12 46	0	
694	6	0 32 30		— —		32 59		— —		— —		— —		—		—		2 44	0	
695	6	*e* 1 08 24		— —		08 59		— —		— —		— —		+ 3		—		6 01	0	
696	6	4 13 02		*e* 13 08		*e* 16 47		*e* 17 00		— —		— —		+ 5		—		15 44	0	53.5N, 161.5E
697	6	4 38 40		— —		41 38		— —		— —		— —		—		—		15 04	0	
698	6	*e* 5 14 14		— —		15 14		— —		— —		— —		+ 3		—		5 45	0	
699	6	*e* 5 34 14		— —		36 25		— —		— —		— —		—		—		7 17	0	49N, 160E [S]
700	6	6 12 36		— —		15 09		— —		— —		— —		—		—		8 00	0	
701	6	6 49 47		— —		51 58		— —		— —		— —		+ 3		—		7 37	0	49.5N, 157E [S]
702	6	7 50 21		— —		53 32		? 53 30		— —		*e* 57 12		—		−25		22 56	0	49.5N, 165E [S]
703	6	10 — —		— —		59 38		— —		— —		— —		—		—		— —	0	
704	6	11 28 02		— —		28 23		— —		— —		— —		—		—		3 00	0	
705	6	*e* 12 58 18		— —		60 45		— —		— —		— —		—		—		7 15	0	
706	6	*e* 20 01 35		— —		04 18		— —		— —		— —		—		—		6 08	0	
707	7	4 14 46		— —		15 11		— —		— —		— —		—		—		2 30	0	
708	7	4 50 18		*e* 50 24		55 31		55 36		61 56		62 00		−51		+80		53 52	0	3S, 145E
709	7	21 13 44		13 43		? 17 06		17 06		— —		— —		—		—		16 39	0	
710	7	*e* 23 12 19		12 17		15 41		15 32		— —		— —		—		—		12 10	0	48N, 158E [S]
711	8	5 16 49		— —		17 09		— —		— —		— —		+ 6		—		2 57	0	
712	8	*e* 7 10 53		10 53		14 30		14 33		— —		— —		—		−53		23 11	0	48N, 158E [S]
713	9	0 41 36		— —		*e* 43 18		— —		— —		— —		—		—		7 20	0	
714	9	2 08 20		— —		11 15		? 11 26		— —		— —		—		—		15 16	0	49N, 158E [S]
715	9	4 37 02		? 37 07		39 17		? 39 16		41 54		42 25		—		+48		51 17	0	49.5N, 157E [S]

EARTHQUAKES, 1952.

No.	Date 1952	P				S				L				Maximum Range of Motion				Duration of Total Earthquake	Intensity	Remarks
		E		W		N		S		E		W		N		S				
		h	m	s		m	s	m	s	m	s	m	s	m	s			m	s			
716	Nov. 9	6	21	41		—	—	21	59	—	—	—	—	—	—	−15		—		2	51	0	
717	9	8	32	24		32	25	34	10	34	11	—	—	—	—	+20		−25		5	47	0	30.2N, 139.4E [500]
718	9	9	25	47		? 25	50	28	34	28	33	—	—	—	—	+11		+15		9	34	0	
719	9	10	22	01		*e* 22	03	*e* 25	06	? 25	09	—	—	—	—	—		—		19	03	0	
720	9	10	43	08		—	—	45	43	—	—	—	—	—	—	—		—		6	47	0	
721	9	13	38	44		? 38	52	*e* 41	02	? 41	11	—	—	—	—	—		—		19	11	0	49N, 158E [S]
722	9	14	10	53		*e* 10	53	*e* 15	00	*e* 15	08	—	—	—	—	—		—		17	17	0	
723	9	15	00	38		*e* 00	43	03	13	*e* 03	16	—	—	—	—	− 6		—		7	46	0	49.5N, 157.5E [S]
724	9	20	07	35		—	—	07	56	*e* 08	01	—	—	—	—	− 5		—		3	35	0	41.4N, 141.9E [S]
725	10	0	27	02		26	59	*e* 30	14	? 30	29	—	—	—	—	+ 7		—		—	—	0	51N, 162E [S]
726	10	0	33	30		33	39	35	08	35	09	—	—	—	—	−43		—		11	33	0	43N, 151.3E [50]
727	10	*e* 0	52	01		—	—	? 55	22	—	—	—	—	—	—	—		—		12	07	0	
728	10	9	59	03		59	00	01	38	01	37	—	—	—	—	—		—		10	12	0	
729	10	13	—	—		—	—	10	28	—	—	—	—	—	—	—		—		—	—	0	
730	10	14	30	17		—	—	*e* 33	53	—	—	—	—	—	—	—		—		7	41	0	
731	10	5	31	12		31	12	34	52	34	54	—	—	—	—	—		—		12	28	0	53.5N, 162E [S]
732	11	6	58	21		—	—	? 01	10	—	—	—	—	—	—	—		—		7	02	0	
733	11	8	51	01		—	—	51	17	—	—	—	—	—	—	+10		—		2	39	0	
734	11	10	01	01		01	00	*e* 04	21	*e* 04	26	—	—	—	—	—		—		13	41	0	
735	11	10	13	14		—	—	13	33	—	—	—	—	—	—	—		—		2	22	0	
736	12	4	25	01		—	—	25	36	—	—	—	—	—	—	+ 6		—		3	17	0	
737	13	17	02	45		02	44	05	31	*e* 05	28	—	—	—	—	−21		—		18	01	0	51N, 157E [S]
738	15	3	07	48		*e* 07	50	08	23	08	24	—	—	—	—	+17		—		6	10	0	
739	15	14	27	32		*e* 27	31	*e* 30	50	? 30	49	—	—	—	—	—		—		17	13	0	
740	15	*e* 23	40	45		—	—	40	57	—	—	—	—	—	—	—		—		1	47	0	
741	16	9	23	32		—	—	23	51	—	—	—	—	—	—	—		—		1	51	0	
742	16	10	54	47		—	—	55	10	—	—	—	—	—	—	—		—		3	06	0	
743	16	13	45	29		45	28	46	28	46	30	—	—	—	—	+41		+63		9	45	0	36.1N, 141.9E [40]
744	16	16	46	57		—	—	49	23	—	—	—	—	—	—	—		—		8	56	0	
745	16	20	22	08		—	—	22	37	—	—	—	—	—	—	− 6		—		5	11	0	
746	16	21	03	15		—	—	03	31	—	—	—	—	—	—	—		—		3	53	0	
747	17	1	—	—		—	—	11	38	—	—	—	—	—	—	—		—		—	—	0	
748	17	12	34	57		—	—	35	31	—	—	—	—	—	—	+ 5		—		3	15	0	
749	18	4	00	36		—	—	01	02	—	—	—	—	—	—	− 6		—		2	33	0	
750	18	15	29	43		—	—	30	14	*e* 30	15	—	—	—	—	+12		—		5	22	0	
751	18	17	48	42		—	—	49	08	—	—	—	—	—	—	− 6		—		4	37	0	
752	19	7	39	59		*e* 40	00	40	33	40	28	—	—	—	—	+20		—		6	17	0	36.2N, 139.9E [40]
753	20	7	12	04		—	—	12	22	12	24	—	—	—	—	—		—		2	38	0	
754	22	14	—	—		—	—	13	52	*e* 13	51	—	—	—	—	+ 5		—		—	—	0	
755	23	0	05	37		*e* 05	37	06	05	*e* 06	01	—	—	—	—	+ 6		—		3	36	0	
756	23	23	49	52		49	51	50	08	50	08	—	—	—	—	±23		−33		3	59	0	
757	24	11	18	11		18	10	20	12	20	14	—	—	—	—	−38		−25		8	47	0	28.3N, 139.7E [500]
758	25	9	29	47		—	—	30	09	30	09	—	—	—	—	− 5		—		3	18	0	
759	25	*e* 11	39	12		—	—	39	24	39	23	—	—	—	—	− 5		—		2	55	0	
760	25	*e* 17	11	30		—	—	11	42	*e* 11	41	—	—	—	—	—		—		2	12	0	
761	26	*e* 16	20	31		—	—	*e* 20	42	—	—	—	—	—	—	—		—		1	51	0	
762	26	22	—	—		—	—	*e* 29	47	*e* 29	47	—	—	—	—	—		—		—	—	0	
763	27	1	45	42		—	—	45	56	45	56	—	—	—	—	±15		—		3	46	0	37.8N, 141.3E [60]
764	27	19	12	05		12	06	12	25	12	26	—	—	—	—	−11		−20		4	14	0	
765	28	17	09	49		09	48	13	32	*e* 13	19	—	—	—	—	—		—		14	22	0	
766	29	6	10	31		—	—	10	57	—	—	—	—	—	—	—		—		3	33	0	
767	29	17	27	03		27	02	30	33	30	33	—	—	—	—	−17		−273		8	29	0	53N, 160E
768	29	22	52	27		*e* 52	31	53	07	53	06	—	—	—	—	−15		−10		5	32	0	40.4N, 144.4E [80]
769	30	8	54	50		*e* 54	49	*e* 58	26	? 58	31	—	—	64	57	—		—		32	04	0	56N, 155W
770	Dec. 1	4	33	12		33	12	36	34	36	26	—	—	—	—	—		—		13	28	0	52N, 161E

EARTHQUAKES, 1952.

No.	Date 1952	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	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	μ	μ	m s		
771	Dec. 1	5 38 19		—	—	38 40		—	—	—	—	—	—	—		—		2 20	0	
772	1	11 06 44		*e* 06	48	07 09		*e* 07	09	—	—	—	—	+11		—		— —	0	
773	1	11 — —		—	—	? 08	02	? 08	09	—	—	—	—	+16		—		— —	0	
774	1	12 41 00		*e* 41	10	41	28	41	32	—	—	—	—	− 9		—		6 30	0	
775	1	*e* 14 41 10		—	—	41	35	—	—	—	—	—	—	− 4		—		2 40	0	
776	1	*e* 20 12 58		—	—	13	11	—	—	—	—	—	—	—		—		1 42	0	
777	2	0 46 30		*e* 46	28	46	52	*e* 46	52	—	—	—	—	−10		− 8		4 22	0	
778	2	*e* 0 57 30		—	—	57	49	—	—	—	—	—	—	—		—		2 11	0	
779	2	1 19 12		*e* 19	14	19	43	*e* 19	46	—	—	—	—	−11		+13		6 25	0	
780	4	*e* 12 57 29		—	—	*e* 58	10	*e* 58	10	—	—	—	—	+ 6		−15		4 13	0	
781	4	13 — —		—	—	*e* 03	05	—	—	—	—	—	—	− 4		—		— —	0	
782	4	19 19 15		—	—	19	24	19	24	—	—	—	—	+ 9		—		1 15	0	
783	6	19 50 09		50	10	57	12	57	13	63	10	63	10	−39		+458		36 35	0	7S, 156E
784	7	2 58 05		58	03	58	21	58	19	—	—	—	—	−65		−80		5 18	0	40.0N, 142.6E [40]
785	7	9 56 00		55	57	60	33	60	31	—	—	—	—	—		—		15 34	0	53N, 172.5E
786	7	22 — —		—	—	06	04	—	—	—	—	—	—	—		—		— —	0	
787	8	*e* 0 01 06		—	—	01	17	—	—	—	—	—	—	− 4		—		1 21	0	
788	11	13 56 52		—	—	57	07	—	—	—	—	—	—	—		—		1 29	0	
789	11	18 01 33		? 01	28	03	59	03	59	—	—	—	—	−29		−25		13 35	0	49N, 155E [60]
790	11	19 — —		—	—	28	12	—	—	—	—	—	—	—		—		— —	0	
791	11	20 51 41		51	43	52	02	*e* 52	06	—	—	—	—	+16		—		4 13	0	37.2N, 141.5E [30]
792	12	3 14 49		*e* 14	46	14	59	14	59	—	—	—	—	+20		—		3 23	0	
793	13	22 10 44		*e* 10	47	*e* 11	23	*e* 11	21	—	—	—	—	+ 6		—		4 00	0	
794	15	12 06 13		—	—	06	20	—	—	—	—	—	—	—		—		1 25	0	
795	17	15 — —		—	—	01	55	—	—	—	—	—	—	—		—		— —	0	
796	18	8 16 46		*e* 16	44	*e* 17	35	*e* 17	35	—	—	—	—	− 8		− 8		7 51	0	
797	18	8 — —		—	—	28	00	—	—	—	—	—	—	+ 6		− 8		— —	0	
798	18	18 25 12		25	14	*e* 29	11	*e* 29	09	—	—	—	—	—		—		19 32	0	53.5N, 162E
799	21	13 31 05		31	07	31	26	31	26	—	—	—	—	+17		−18		4 45	0	
800	21	22 21 13		—	—	21	32	21	30	—	—	—	—	− 6		—		2 21	0	
801	23	3 10 42		10	43	11	03	11	00	—	—	—	—	−17		+23		3 30	0	
802	23	3 16 15		—	—	16	25	—	—	—	—	—	—	±11		—		1 28	0	
803	23	7 29 24		—	—	*e* 33	01	—	—	—	—	—	—	—		—		11 02	0	
804	23	14 23 50		—	—	23	59	—	—	—	—	—	—	+ 4		—		2 09	0	
805	24	3 38 07		—	—	38	21	38	20	—	—	—	—	+ 8		—		3 04	0	
806	24	7 — —		56	46	—	—	57	04	—	—	—	—	—		+13		2 37	0	
807	24	8 — —		31	11	—	—	31	31	—	—	—	—	—		−20		3 02	0	
808	24	17 42 01		42	00	42	42	42	43	—	—	—	—	− 9		—		5 22	0	
809	25	3 48 01		*e* 48	06	? 54	40	? 54	24	—	—	—	—	—		—		47 24	0	5.5S, 151.5E
810	27	7 11 42		11	42	12	08	12	09	—	—	—	—	−74		−88		8 17	0	40.6N, 143.3E [60]
811	27	10 30 03		—	—	32	28	—	—	—	—	—	—	—		—		11 16	0	53N, 160E
812	27	15 00 24		00	23	01	10	01	09	—	—	—	—	− 8		+ 8		5 27	0	
813	28	23 56 15		—	—	*e* 56	40	—	—	—	—	—	—	—		—		2 03	0	
814	29	0 08 17		? 08	19	? 13	25	? 13	21	—	—	—	—	—		—		35 25	0	6N, 127E
815	29	11 13 08		—	—	15	20	—	—	—	—	—	—	—		—		6 52	0	49N, 158E
816	31	2 — —		—	—	36	46	—	—	—	—	—	—	—		—		— —	0	
817	31	15 03 05		03	07	03	28	03	27	—	—	—	—	+20		+38		5 56	0	

PULSATORY OSCILLATIONS, 195 . *(EW Component.)*

No.	Beginning			Ending			Maximum				
	Date			Date			Date				Double Amplitude
	Month	Day	Hour	Month	Day	Hour	Day	Hour	— Day	Hour	μ
1	Jan.	3	9		6	3	4	22	5	19	10
2		6	16		9	9	6	19	7	9	11
3		10	4		12	14	11	3	11	16	5
4		14	23		16	18	15	4	15	23	12
5		17	21		19	11	18	7	18	23	5
6		21	20		23	9	22	8	22	19	4
7		25	6		27	3	25	12	26	14	9
8		30	14		31	8	30	18	31	1	5
9	Feb.	2	8		3	9	2	12	3	1	8
10		5	11		6	19	5	19	6	5	5
11		9	4		10	17	9	20	10	6	5
12		11	2		15	9	12	6	12	19	5
13		21	6		25	9	23	0	23	6	5
14		26	9		28	23	26	16	27	10	7
15	Mar.	3	5		5	11	3	17	4	2	6
16		14	13		17	9	14	18	15	11	10
17		19	2		21	8	19	22	20	14	31
18		23	0		30	9	23	12	24	23	21
19	Apr.	1	1		3	23	1	9	2	2	5
20		9	22		11	3	10	6	10	19	4
21		12	4		14	14	13	16	14	9	7
22		15	3		17	6	15	9	16	2	10
23		17	15		19	12	17	22	18	22	8
24		20	10		21	17	21	2	21	7	5
25		22	4		23	2	22	10	22	17	6
26		25	15		27	11	26	1	26	18	5
27		28	18	May	1	4	29	0	29	18	6
28	May	4	21		7	3	5	2	5	19	6
29		7	20		9	1	7	21	8	22	6
30		11	4		13	9	12	15	13	5	3
31		13	18		16	4	14	21	15	20	9
32		20	12		22	4	21	2	21	18	8
33		26	20		29	5	27	9	27	22	2
34		30	15	Jun.	1	9	31	1	31	11	3
35	Jun.	2	12		3	21	2	17	3	7	5
36		4	9		7	22	4	22	5	10	4
37		24	5		25	23	24	7	24	21	6
38	Jul.	3	7		4	17	3	13	4	3	2
39		7	9		8	19	7	15	8	0	5
40	Aug.	8	3		10	19	9	15	10	3	12
41		19	17		20	20	19	21	20	2	2
42	Sep.	4	18		5	22	4	21	5	9	4
43		11	21		13	20	12	16	13	4	3
44		26	4		27	19	26	7	26	18	13
45		29	2		30	14	29	6	29	23	3
46	Oct.	1	9		3	20	2	8	3	9	10
47		4	7		5	11	4	13	4	18	3
48		8	8		10	15	9	1	9	17	4
49		12	0		12	22	12	3	12	11	5
50		16	7		17	9	16	9	16	23	7
51		22	10		23	12	22	21	23	9	20
52		25	19		26	15	25	22	26	5	4
53	Nov.	1	6		2	6	1	11	1	21	6
54		6	8		7	9	6	13	7	1	5
55		7	15		8	19	7	23	8	12	8
56		12	3		14	1	12	7	12	20	10
57		15	3		16	11	15	7	15	13	3
58		17	8		19	21	17	13	18	4	10
59		21	6		23	3	22	4	22	12	6
60		28	9		30	7	29	3	29	21	4
61		30	20	Dec.	1	18	30	23	1	4	5
62	Dec.	2	13		5	19	2	21	3	12	8
63		6	7		7	12	6	11	7	6	10
64		7	14		8	21	7	20	8	5	6
65		10	3		14	12	10	20	12	2	8
66		15	3		16	17	15	16	16	4	8
67		17	18		25	1	22	16	23	17	11
68		25	20		27	13	26	2	26	23	7
69		28	2	Jan. (1953)	1	9	28	9	28	23	6