ANNUAL REPORT

OF THE

METEOROLOGICAL

AND THE

SEISMOLOGICAL OBSERVATIONS

MADE AT THE

INTERNATIONAL LATITUDE OBSERVATORY

OF MIZUSAWA

FOR

THE YEAR 1949.

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

HEIGHT ABOVE MEAN SEA LEVEL, 61 METRES.

PUBLISHED BY THE INTERNATIONAL LATITUDE OBSERVATORY

OF MIZUSAWA.

1957

International Seismological Centre

ERRATA

Page	Date	Column	Error	Correction
3	7	REMARKS	⊟^{a},	⊟^{1}a,
5	14	AMOUNT (0~10) AND FORMS OF CLOUDS (2)	10 ci	0 ci
7	6	REMARKS	⊟^{1}, 0 ^{1}a	⊟^{1}, 0 ^{1}a
11	22	〃	⌓^{1}, 0 ^{0},∞a.	⌓^{1}, 0 ^{0},∞^{0}a.
15		PRECIPITATION	Mean	Total
16		RELATIVE HUMIDITY	RELATIVE HUDIMITY	RELATIVE HUMIDITY
		%	%	%
		〃	〃	〃
18		〃	Menn	Mean
〃		〃	⌓^{1}a.∞^{0},∞$^{1}p_{1}$.	⌓^{1}a.∞^{0},⌓^{1}p.
19	3	REMARKS	≡^{4}0450≡^{2}0705—0743	≡^{4}0450— ≡^{2}0705—0743
〃	5	〃	0 ^{1}a. 0 ^{0},⌓^{0}p.	0 ^{1}a. 0 ^{0},⌓^{1}p.
〃	24	〃	⊟^{1}, ⊔^{1}, 0 ^{0}, 8 ^{0}a.	⊟^{1}, ⊔^{1}, 0 ^{0},∞^{0}a.
23	30	〃		
		Maximum	25	–25
39		Range of Motion (NS)		

Introduction

The present report gives the results of the meteorological and seismological observations made at this observatory during 1949 which 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 wet-bulb and dry-bulb thermometers, maximum and minimum thermometers, thermograph, hygrograph, pluviograph, Hellman's chionograph, rain gauge, evapolimeter, L-tube earth thermometers and Simon's earth thermometers.

The Fortin's mercurial barometer, three barographs and the anemograph are placed in the seismograph room, where is situated about 100 meters north of the zenith telescope room.

The Robinson's anemometer, anemoscope and Jordan's sunshine recorder are fixed on the roof of the tower of the seismograph room.

Observations were made generally six times a day, that is, at 2^h, 6^h, 10^h, 14^h, 18^h and 22^h. This distribution of observation time is convenient for the purpose of investigating the meteorological effect on the latitude observations.

The followings are to be noted with respects to the meteorological observations.

Hours of observations.—Japanese Central Standard Time, i.e. mean solar time of the meridian 9^h east from Greenwich.

Air Pressure.—The barometric readings in millimeters are reduced to the freezing point of water and the corrections to the standard gravity are given at the bottom of the page for each month. The standard gravity is adopted as 980.62 dynes. Those reduced to mean sea level are given in pp. 26 and 27.

Air Temperature.—Fuess' double tube thermometer is employed and the degrees are given in Centigrade.

Earth temperature.—L-tube earth thermometers of 0.05, 0.1, 0.2 and 0.3 meters depth and Simon's earth thermometers of 0.5, 1.0, 2.0, 3.0, 5.0 and 6.0 meters depth are employed.

Wind.—The velocity is expressed in meter per second. The direction is expressed as for sixteen cardinal points.

Tension of Water Vapour.—The unit is given in millimeter.

Relative Humidity.—The wet-bulb and dry-bulb thermometers are used.

Cloud.—The amount of the cloudiness is estimated by the scale 0—10, the forms are those of International classification at that time and the direction of motion is indicated as for sixteen cardinal points.

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

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

Amount of Evaporation.—It is given in millimeter and observed at 10^h once a day. Monthly mean daily amount of evaporation is computed except the day with precipitation. The bracket denotes the day with precipitation.

The heights of the meteorological instruments are as follows:

Barometer.—63.1 m above mean sea level.

Thermometer.—1.3 m above the ground.

Anemometer.—16.5 m above the ground.

Anemoscope.—16.5 m above the ground.

Raingauge.—0.6 m above the ground.

On the recording the meteorological phenomena, the following symbols are used.

●	Rain	⫩	Snow drift	ᛉ	Red sky
✳	Snow	∞	Haze	◊	Unusual visibility
△	Graupel	∞	Haze in the neighbourhood	⸝	Gale
▲	Hail	≋	Dust-storm	∞	Yellow dust
≡	Fog	⊜	Frozen rain	≈	Wavy cloud
≡	Ice fog	↔	Ice needles	ᗯ	Mammato-cumulus
≡	Fog in the neighbourhood	⊠	Snow coverage	⬭	Lenticular cloud
≡	Drizzle	⊠	New snow coverage	◴	Earthquake
=	Mist	⊟	Freezing	Ci	Cirrus
⊔	Hoar frost	⊼	Thunder and lightning	Cs	Cirro-stratus
⊔	Ice columns in the ground	⊤	Thunder	Cc	Cirro-cumulus
⊼	Dew	⊻	Lightning	Ac	Alto-cumulus
⊔	Frozen dew	⊕	Solar halo	As	Alto-stratus
⊔	Air hoar	⊙	Solar corona	Sc	Strato-cumulus
∨	Soft rime	◐	Lunar halo	Ns	Nimbus
∀	Hard rime	◍	Lunar corona	Cu	Cumulus
~	Grazed frost	◠	Rainbow	Cb	Cumulo-nimbus
⇻	Snow storm	⊟	Aurora	St	Stratus

The seismological instruments in use are two Omori's horizontal pendulums of the same type as the described in p. 8 of No. 5, "Publication of the Earthquake Investigation Committee in Foreign Language."

Constants of two seismographs are as follows.

	EW-Component	NS-Component
Proper Period	16 sec.	36 sec.
Dynamical magrification	100	20
Mass of weight	45.0 kg	17.5 kg
Horizontal distance of the center of the cylinder from the pivot	20 cm	75 cm
Vertical distance between the points of support and suspension	104 cm	104 cm

The observations and computations were carried out by Messrs. S. Sato, I. Kumagai, K. Suzuki and Miss M. Segawa under the superintendence of Mr. C. Sugawa.

May 1957

Dr. T. Ikeda
Director of the International Latitude Observatory of Mizusawa

METEOROLOGICAL OBSERVATIONS

METEOROLOGICAL OBSERVATIONS AT MIZUSAWA.

JANUARY, 1949.

Day	AIR PRESSURE (700mm+)* mm							AIR TEMPERATURE °C										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	61.4	55.2	50.4	44.1	41.5	**40.3**	48.8	0.5	0.5	7.6	6.9	5.1	4.5	4.2	8.6	0.1	4.4	8.5	4.4	4.6	7.2	**7.3**	6.6	6.2	6.1
2	40.8	42.6	45.0	46.6	50.4	55.6	46.8	8.0	7.0	6.9	6.6	5.9	3.5	6.3	8.5	2.8	5.7	5.7	5.4	5.3	5.3	5.7	5.7	5.2	5.4
3	57.8	59.0	58.7	54.7	52.8	47.0	55.0	2.5	0.5	4.6	7.6	7.0	9.2	5.2	10.5	0.5	5.5	10.0	5.3	4.5	6.2	6.4	6.8	8.2	6.2
4	45.5	44.4	43.5	40.9	43.0	42.8	43.4	8.0	4.7	6.3	7.8	1.6	0.4	4.8	9.2	−0.4	4.4	9.6	6.6	5.4	4.4	4.4	4.6	4.6	5.0
5	41.8	41.2	42.1	41.3	43.4	43.8	42.3	−0.7	−0.5	−0.3	−0.7	−1.9	−2.3	−1.1	0.5	−2.3	−0.9	**2.8**	4.3	4.3	4.5	4.2	4.0	3.9	4.2
6	44.5	46.0	47.2	46.7	49.2	52.2	47.6	−2.4	−3.3	−1.5	−0.7	−1.5	−2.1	−1.9	1.7	−3.5	−0.9	5.2	3.7	3.3	3.8	3.0	3.3	3.8	3.5
7	52.9	53.9	55.9	54.9	57.2	58.1	55.5	−1.7	−1.3	−1.1	0.6	−2.2	−2.6	−1.4	1.4	−4.0	−1.3	5.4	2.9	**2.4**	3.4	3.8	3.5	3.6	3.3
8	58.1	59.0	59.5	57.1	56.3	54.8	57.5	−4.2	−3.4	−0.9	2.5	−0.8	−0.9	−1.3	3.0	−4.0	−0.5	7.0	2.9	3.2	3.2	3.1	3.8	4.1	3.4
9	53.7	53.7	54.9	53.1	56.0	57.8	54.9	−1.3	−1.3	0.5	2.2	−1.6	−2.3	−0.6	2.8	−4.0	−0.6	6.8	4.1	2.9	3.2	3.1	3.0	2.5	3.1
10	58.9	60.2	60.7	59.1	60.6	62.2	60.3	−4.3	−6.1	−2.1	−0.9	−0.5	−1.9	−2.6	0.3	−7.1	−3.4	7.4	2.6	2.8	3.3	4.0	4.2	2.9	3.3
11	62.6	63.6	**64.8**	62.7	63.1	63.4	63.4	−5.4	−7.8	−4.2	−0.1	−2.8	−3.4	−3.9	1.9	**−9.0**	−3.5	10.9	2.5	**2.4**	**2.4**	2.9	2.8	3.1	2.7
12	62.5	62.6	64.5	62.4	61.8	60.0	62.3	−4.5	−3.6	−1.3	1.8	−1.2	−0.8	−1.6	2.1	−5.5	−1.7	7.6	3.1	3.5	4.2	4.3	4.0	4.2	3.9
13	57.2	55.1	55.4	56.2	59.3	60.9	57.4	−0.8	−1.3	3.5	3.5	1.5	1.0	1.2	4.4	−2.1	1.2	6.5	4.3	4.2	4.5	3.5	3.2	2.9	3.8
14	61.6	62.8	63.8	61.3	62.0	60.5	62.0	0.4	−0.9	1.8	4.7	1.3	1.8	1.5	5.1	−0.9	2.1	6.0	3.1	3.6	3.4	4.2	4.4	4.8	3.9
15	57.9	54.8	53.8	50.0	49.6	48.6	52.5	2.5	2.5	4.9	6.3	5.1	3.0	4.1	6.8	2.1	4.5	4.7	5.5	5.3	5.7	5.8	5.4	4.5	5.4
16	48.0	48.4	49.4	49.3	50.3	51.6	49.5	1.1	0.5	1.4	0.5	−0.9	−1.7	0.2	2.8	−2.9	0.0	5.7	4.3	4.3	4.1	4.0	3.9	4.0	4.1
17	53.1	55.5	57.9	57.9	59.8	60.7	57.5	−2.3	−4.4	0.5	0.3	−0.5	−0.9	−1.2	1.1	−4.4	−1.6	5.5	3.8	3.2	3.1	3.7	4.1	4.0	3.7
18	59.9	58.3	57.6	53.7	53.9	52.3	56.0	−1.7	−1.3	1.0	4.5	0.5	−0.1	0.5	4.6	−2.1	1.3	6.7	3.8	3.4	3.7	4.2	4.5	4.0	3.9
19	52.3	54.0	56.3	56.7	59.2	59.2	56.3	0.7	−0.9	−1.1	−0.8	−1.4	0.3	−0.5	1.3	−1.5	−0.1	**2.8**	3.8	2.7	2.5	2.6	2.9	3.3	3.0
20	58.5	58.7	60.8	59.8	60.6	60.6	59.8	0.5	0.8	1.4	2.5	2.1	1.6	1.5	2.8	0.0	1.4	**2.8**	3.6	3.1	3.4	3.1	3.2	3.4	3.3
21	60.3	61.0	62.0	60.2	60.0	59.3	60.5	1.9	1.5	2.9	4.3	1.3	0.1	2.0	4.8	−0.3	2.3	5.1	3.2	3.1	3.1	3.4	3.9	3.8	3.4
22	57.7	56.4	56.5	54.4	54.9	55.4	55.9	−0.6	−0.7	1.6	3.8	2.5	1.6	1.4	6.0	−1.2	2.4	7.2	4.1	4.0	4.6	4.8	4.7	3.7	4.3
23	55.2	56.5	58.3	57.8	59.0	58.9	57.6	1.6	0.9	3.6	4.5	1.7	1.9	2.4	5.2	0.4	2.8	4.8	3.1	3.8	3.2	3.0	3.1	3.1	3.2
24	59.4	60.4	61.5	60.2	61.1	60.8	60.6	1.9	−0.5	2.8	5.0	1.1	0.8	1.9	5.8	−1.5	2.2	7.3	3.5	3.4	3.7	3.7	3.9	4.0	3.7
25	60.4	60.2	59.8	56.4	55.9	54.3	57.8	2.1	1.3	5.1	7.3	4.3	2.7	3.8	8.3	1.2	4.8	7.1	3.8	3.8	4.2	4.6	5.1	5.1	4.4
26	52.2	52.5	52.9	51.8	53.2	54.0	52.8	1.5	0.7	2.3	1.5	−1.3	−2.7	0.3	3.0	−2.8	0.1	5.8	4.9	3.9	3.6	3.4	3.0	**2.4**	3.5
27	53.9	54.3	54.6	52.3	52.5	54.7	53.7	−2.5	−2.1	−0.4	4.7	4.1	5.3	1.5	6.9	−2.7	2.1	9.6	2.7	2.9	4.2	3.6	5.0	4.2	3.8
28	57.0	58.1	58.8	56.7	57.7	57.5	57.6	3.5	1.9	6.0	10.5	4.8	2.3	4.8	10.8	1.2	6.0	9.6	3.9	4.0	4.2	4.5	5.0	4.7	4.4
29	57.9	58.1	59.4	57.2	58.1	57.1	58.0	1.0	2.9	6.4	10.8	6.5	5.3	5.5	**11.6**	0.3	6.0	**11.3**	4.4	4.5	4.9	4.5	5.5	4.8	4.8
30	54.6	51.4	51.0	48.2	52.3	55.2	52.1	4.1	3.3	4.6	4.9	4.5	4.7	4.4	6.8	3.0	4.9	3.8	4.8	5.3	5.4	6.1	5.1	4.7	5.2
31	55.5	56.4	58.0	57.6	58.5	59.7	57.6	4.8	3.9	8.2	9.1	4.8	2.9	5.6	9.5	2.2	5.9	7.3	4.4	5.1	5.5	4.5	5.6	4.8	5.0
Mean	55.3	55.3	56.0	54.2	55.3	55.5	55.2	0.5	−0.2	2.3	3.9	1.6	1.0	1.5	5.1	−1.6	1.8	6.7	4.0	3.8	4.1	4.2	4.3	4.1	4.1

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h
1	94	98	92	98	100	98	97	—	0.2	W	1.7	SE	5.2	NW	1.5	NW	2.3	—	0.5	1.9	2.0
2	72	71	71	78	82	89	77	SW	3.2	NE	1.5	SSW	3.0	SW	2.7	—	0.5	N	3.0	2.3	2.4
3	96	96	98	81	90	94	93	—	0.0	—	0.5	S	0.8	SSE	4.0	SSE	4.7	SSE	6.7	2.8	3.1
4	82	85	62	55	90	98	79	NNE	1.7	ENE	1.7	SW	4.7	W	5.0	WNW	0.7	N	1.5	2.6	2.5
5	100	98	100	97	100	100	99	—	0.0	NW	1.0	—	0.3	S	0.7	—	0.0	SSE	1.3	0.6	0.6
6	97	92	92	69	80	89	87	S	1.0	S	0.7	SW	1.0	W	4.3	NE	2.2	NE	2.5	2.0	2.0
7	70	58	80	80	89	95	79	NE	2.5	NW	3.5	SE	1.8	—	0.2	W	2.5	—	0.0	1.8	1.7
8	86	89	74	56	88	95	81	W	3.3	—	0.5	—	0.0	NE	1.3	WSW	2.0	SSW	1.5	1.4	0.9
9	97	68	68	59	73	65	72	NW	1.7	NNW	4.2	NNE	1.5	NNW	1.7	NW	2.2	WNW	3.0	2.4	2.3
10	78	97	84	93	95	73	87	SE	1.2	—	0.0	—	0.5	N	0.8	E	1.2	—	0.0	0.6	0.8
11	82	93	73	63	76	86	79	N	0.8	—	0.0	NNW	0.8	NNW	1.3	—	0.5	—	0.2	0.6	0.7
12	94	100	100	83	95	97	95	—	0.0	—	0.0	—	0.2	—	0.5	NW	1.8	—	0.0	0.4	0.4
13	100	100	77	59	62	60	76	WNW	0.8	S	0.8	SW	0.8	W	11.8	N	7.3	NW	4.2	4.3	4.1
14	66	85	65	66	88	92	77	NNW	3.2	—	0.0	N	0.8	NNW	1.5	E	1.2	—	0.5	1.2	0.8
15	100	96	88	81	82	80	88	WSW	1.7	NNW	0.7	SSE	4.2	S	2.7	WNW	2.7	NE	1.3	2.2	2.3
16	86	92	80	84	90	100	89	N	2.7	NNW	2.0	SW	1.3	W	1.8	SE	1.7	SSE	2.2	2.0	1.7
17	97	97	65	79	93	93	87	—	0.5	ESE	0.8	WNW	1.3	NNW	1.0	E	0.7	E	0.7	0.8	1.1
18	95	83	74	67	96	88	84	SSE	1.0	SSE	4.5	SSE	3.7	NNW	3.3	N	1.2	NNW	2.8	2.8	2.9
19	80	62	58	61	70	70	67	NNW	5.7	W	8.7	NW	4.0	NW	6.2	NW	5.2	NW	4.8	5.8	5.5
20	76	65	67	57	60	66	65	N	3.3	WNW	5.0	N	2.5	NW	4.0	NNE	1.2	NE	3.2	3.2	3.3
21	62	61	55	55	78	83	66	NNW	6.0	NW	5.3	NNW	3.5	—	0.3	—	0.0	—	0.0	2.5	2.2
22	93	93	90	81	87	71	86	—	0.0	—	0.2	—	0.5	NE	1.8	W	6.5	W	12.5	3.6	3.3
23	61	78	55	47	59	59	60	W	**17.8**	WSW	8.0	WNW	4.7	WNW	7.2	NE	5.5	N	5.2	8.1	7.5
24	66	76	66	57	78	84	71	NNW	3.5	SE	1.0	ENE	0.8	NNW	1.2	NNW	1.2	E	0.7	1.4	1.4
25	72	76	65	61	82	92	75	NE	1.0	SSE	4.2	ENE	1.3	SSE	1.3	NW	1.3	NE	1.7	1.8	1.8
26	96	82	67	66	64	65	73	—	0.3	N	2.0	NW	3.3	WNW	4.8	NNW	4.5	WNW	3.0	3.0	3.3
27	69	75	95	57	82	63	74	NNW	7.2	N	3.3	—	0.0	S	4.0	S	3.5	NW	4.7	3.8	3.3
28	67	77	60	48	79	87	70	NW	2.8	NNW	1.7	N	1.8	W	3.3	—	0.0	ENE	0.7	1.7	1.6
29	90	80	69	**46**	76	73	72	—	0.3	W	2.2	E	1.0	WSW	2.0	W	0.2	S	2.5	1.4	1.8
30	79	91	85	95	81	73	84	—	0.2	—	0.5	—	0.0	NNW	2.8	NW	2.8	N	5.8	2.0	2.7
31	69	84	68	53	88	85	75	N	4.7	W	1.5	E	1.5	N	1.7	—	0.3	—	0.5	1.7	1.8
Mean	83	84	76	69	82	83	79		2.5		2.2		1.8		2.8		2.2		2.5	2.3	2.3

* Reduction: to standard gravity, −0.4; to mean sea level, +5.9

JANUARY, 1949.

Day	DIRECTION AND SPEED OF CLOUDS ×						AMOUNT (0–10) AND FORMS OF CLOUDS							PRECIPITATION						
	2	6	10	14	18	22	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total
1	—s4	s8	—	—	—	—	10 Ns	10 Ns,As	10 Ns	10 Ns	10 St,Ns	10 St	10.0	1.4	10.7	**11.3**	9.7	1.9	—	**35.0**
2	—	w8	w7 sw7	—	—	—	1 St,Cu	10 St,Ac	10 St,Sc,Ac	10 Ns	10 Ns	10 Ns	8.5	—	—	0.2	0.1	0.8	4.1	5.2
3	—	—	se8	—	—	—	10 Sc	10 ≡	10 St,Sc	10 Ns	10 Ns	10 Ns	10.0	2.5	—	—	0.2	1.1	7.7	11.5
4	—	—	sw8	w7w8	—	—	10 St	10 Sc,St	9 Cu,Ci	7 Sc,Cu,St	8 Sc,St	10 Ns	9.0	5.1	—	—	—	—	0.5	5.6
5	—	—	—	—	—	—	10 St	10 St	10 Ns	10 Ns	10 Ns	10 Ns	10.0	0.3	0.2	2.1	2.2	3.0	2.3	10.1
6	—	—	—	w8	—	—	10 Ns	10 Ns	10 Ns	10 Ns,Sc,Ci	10 St	10 St	10.0	3.9	1.4	1.1	0.5	0.0	0.1	7.0
7	—	—	—	—	—	—	10 St	10 St	10 Ns	10 Ns	10 Ns	10 Ns	10.0	—	—	0.2	0.0	0.4	1.4	2.0
8	—	—	—	w4w8	—	—	0 —	10 St,Sc	5 cS,Sc,Ac	10 Sc,Ac,Cs	10 Cs,Ac	10 Ns	7.5	0.2	—	—	—	—	0.0	0.2
9	—	—	—	w8	—	—	10 Sc	2 Ac,Sc	2 Sc	10 St,Sc,Ac	6 Sc	6 Sc	6.0	0.1	—	—	—	0.1	—	0.2
10	—	—	—	—	—	w8	0 Sc	10 St,Sc	10 Ns	10 Ns,Sc	10 Ns	10 Sc,St	8.3	—	—	0.2	0.0	0.7	0.3	1.2
11	—	—	w1	w7	w4	w8	8 Sc	7 Sc,Ci	8 Cc,Cu	9 Cc,Sc	10 As	10 Cs,St,Sc	8.7	—	—	—	—	—	—	—
12	—	—	—	—	—	—	10 Sc	10 Sc	10 Ns	10 As,Cs,Sc	10 As	10 As,Sc	10.0	—	—	0.5	0.0	—	—	0.5
13	—	—	—	—	w8	w8	10 Ns	10 Ns	10 Ns,Sc	2 Sc,Cu	7 Sc	6 Sc	7.5	2.6	0.0	0.2	—	—	—	2.8
14	w7	—	—	—	—	—	10 Sc	10 As,Cc	2 Ac,Sc	3 Ac,Cu,Ci	10 Ac,Sc	10 Ns	7.5	—	—	—	—	—	0.0	0.0
15	—	—	se8	—	—	w8	10 Ns	10 St,Sc	10 Sc	10 As,Ci	10 Sc	10 Sc	10.0	0.9	0.2	—	—	—	—	1.1
16	—	—	w8	—	—	—	10 As,St,Cs	10 Ns	9 Ns	10 Ns	10 Ns	10 Ns	9.8	—	0.2	0.1	0.4	0.5	0.5	1.7
17	—	w8	—	w8	—	w8	10 Ns	6 Sc	2 St,Sc	10 Ns,Sc	10 Ns,Sc	10 Sc,St	8.0	0.0	0.1	—	0.2	0.1	0.2	0.6
18	—	w8	—	—	—	—	4 Sc	9 Sc	10 Sc	10 Sc,St	10 Ns	6 Ac,St	8.2	—	—	—	—	0.3	0.0	0.3
19	—	—	w8	—	—	—	10 Sc,Ac	8 Ns,Sc	10 Ns,Sc	10 Ns	10 Ns	10 Ns	9.7	—	0.0	0.0	0.0	0.0	0.0	0.0
20	—	—	—	w7	—	—	10 Ns	4 Sc,Ci	10 Sc	10 Sc,St	10 Sc	10 Sc	9.0	0.2	0.0	0.0	0.0	—	—	0.2
21	w8	w8	w8	w9	—	—	9 Sc	8 Sc	7 Sc	8 Sc,Ac	10 Sc,St,Ac	10 As,Sc	8.7	—	—	—	—	—	—	—
22	—	—	—	w8	—	—	10 Sc	10 Sc,St	9 Ns	9 Sc	2 Ns	0 Ns	6.7	—	—	0.0	0.2	0.2	—	0.4
23	—	—	—	—	—	—	0 Sc	5 Sc,Ci	3 Sc,St	4 Sc,St	1 Sc	1 Sc	2.3	—	—	—	—	—	—	—
24	—	w8	—	w9	—	—	7 Sc	2 Sc	8 Sc	8 Sc	8 Sc	10 Ns,Sc	7.2	—	—	—	—	—	0.1	0.1
25	—	—	w8	w8	—	—	10 Sc	8 Sc	8 Sc	10 Sc,As	10 NS	10 Ns	9.3	0.0	—	—	—	0.0	1.1	1.1
26	—	w8	w8	w8	—	—	10 Ns	3 Sc	10 Sc	6 Sc,St	10 Sc	0 —	6.5	1.1	0.6	—	0.0	—	—	1.7
27	—	—	w8	w8	—	—	2 Sc	10 Ns	10 Ns,Sc	8 Sc	10 Ns	10 Ns,Sc	8.3	—	0.0	0.1	0.0	0.9	0.3	1.3
28	—	—	w8	w8	—	—	10 St,Sc	4 Sc	3 Sc,Cu	4 Cu,Cs	4 Sc	10 Sc	5.8	0.0	—	—	—	—	—	0.0
29	—	w8	w8	w8	—	—	3 Sc	4 Sc	10 Sc	9 Sc	10 Sc	10 Sc	7.7	—	—	—	—	—	—	—
30	—	—	—	—	—	—	10 St	10 As,St	10 Ns	10 Ns	4 Sc	10 Sc,Ns	9.0	—	—	0.2	1.3	0.1	0.0	1.6
31	—	—	w7	w7	—	—	10 Sc	9 Sc	3 Cu,Sc	8 Sc,Cu	1 Sc	10 St	6.8	—	—	0.3	—	—	—	0.3
							7.9	8.0	8.0	8.5	8.4	8.7	8.3	18.3	13.4	16.5	14.8	10.1	18.6	91.7

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	—	(1.1)	0.5	⚹⁰0045—,⌅,⊠0115—,—⚹¹0125—⚹⁰0140—●⁰0420—●¹0455—●⁰1445—1650,—⊠—1040.
2	—	(1.0)	0.5	●⁰0710—0825,1148—
3	—	(2.7)	0.8	⊟⁰,◠⁰*a*.—●⁰—0030.≡³0547—≡²0830—0930,●⁰1025…1055—1145,●⁰1350…1415—1430…1620,1740—,◤2300
4	4.56	(1.7)	0.9	◊¹*a*,*p*,—●⁰—0030.⚹⁰1920—2330.⌅,⊠2000—.
5	—	(1.1)	0.5	⚹⁰0410—0530,0735—,⌅0820. —⊠—
6	6.00	(2.1)	1.5	⊟¹*a*,*p*.—⚹⁰—0900…0946—1245,⇳⁰1312—1314,⚹⁰1345…1430,1825…2015. —⊠—,◤1330.
7	0.30	(1.6)	1.0	⊟*a*,*p*.⚹⁰0640…1230—2350. —⊠—
8	7.39	(1.6)	0.8	⊟¹*a*.⊟⁰*p*.⚹⁰2147—,⌅2210,—⚹⁰—2300. —⊠—
9	5.27	(2.0)	1.4	⊟¹*a*,*p*.⚹⁰1440—1650. —⊠—,◷¹174520.
10	0.68	(1.3)	1.0	⊟*a*,*p*.⚹⁰0635—2050,⌅1610. —⊠—
11	5.98	(2.0)	0.9	⊟¹*a*,*p*. —⊠—
12	1.10	(1.1)	0.6	⊟¹*a*.◊⁰,⊕⁰,⊟⁰*p*.⚹⁰0606—0940…1215,△⁰2315—●⁰2325—⚹⁰2340—. —⊠—
13	5.14	2.4	1.5	⊟⁰,◊⁰*a*.◊⁰,⊟¹*p*.—⚹⁰—0320,0510…0610. —⊠—. ◤1220,1240,1300—1320,1400—1420,1610.
14	5.05	(2.0)	0.6	⊟¹*a*.●⁰2156—,—⊠—
15	1.50	(1.5)	0.8	∞⁰*p*.—●⁰—0300. —⊠—1130.
16	1.69	(1.3)	0.8	⊟⁰*a*,*p*.⚹⁰0505—,⌅,⊠0520—0830,1640—,—⚹⁰—1825…
17	3.60	(1.7)	1.0	⊟¹,*a*.⊟⁰*p*…⚹⁰…0220.—⊠—1046.⚹⁰1314—,⌅,⊠,1542—,—⚹⁰—2018.
18	—	(1.7)	1.4	⊟¹*a*.⊟⁰*p*.⚹⁰1620…1705—1910.⌅,⊠1715—
19	0.82	(2.2)	1.5	⊟¹*a*,*p*.⚹⁰0520…,—⊠—0630,…⚹⁰…0810,0850…,⌅2300.◤0520—0550.
20	—	2.0	1.8	⊟¹*a*,*p*…⚹⁰…0230,0720…1116.
21	3.20	1.2	0.6	⊟⁰*a*.
22	1.28	(1.5)	1.0	⊟⁰*a*,◊¹,⊟⁰*p*.⚹⁰0740…●⁰1140—1210,1720—1745.◤2040—
23	8.30	2.8	1.6	⊟¹*a*.⊟⁰*p*.—◤—0230,0250—0300,0310—0340,1140,1200—1250.
24	2.36	(2.0)	1.0	⊟⁰,◊⁰*a*,*p*.⚹⁰2100…
25	3.65	(1.4)	0.8	⊟⁰,◊⁰,∞⁰*a*.◊⁰*p*…⚹⁰…0110,●⁰1758—.
26	3.70	(2.3)	1.6	⊟⁰,◊⁰*a*.◊⁰,⊟¹*p*.—●—0350.⚹⁰1114…1230.
27	1.70	(2.1)	1.4	⊟¹*a*.⚹⁰0510…1110,1210…1230,●⁰1740—●¹1750—●⁰1800—1855,2150…2235.
28	8.67	2.1	0.9	⊟⁰,◊¹,∞⁰*a*.◊²*p*.
29	3.55	(1.7)	0.9	◊⁰*a*,*p*.
30	1.36	(1.1)	1.1	●⁰0756—0830,0900—1425,1850…1920,2050…2130.
31	5.09	1.7	0.8	◊⁰*a*.◊¹*p*.●⁰0655…0720—0848.
Mean	2.97	2.0	1.0	

× 1. High clouds moving slowly. 4. Middle clouds moving slowly. 7. Low clouds moving slowly.
2. 〃 〃 〃 fast. 5. 〃 〃 〃 fast. 8. 〃 〃 〃 fast.
3. 〃 〃 〃 very fast. 6. 〃 〃 〃 very fast. 9. 〃 〃 〃 very fast.

FEBRUARY, 1949.

Day	AIR PRESSURE (700mm+)* mm							AIR TEMPERATURE °C										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	59.0	59.0	60.1	58.0	58.8	59.7	59.1	1.9	0.7	6.7	10.8	5.1	0.5	4.3	12.2	–1.0	5.6	13.2	4.9	4.5	5.4	4.5	5.0	4.2	4.8
2	59.7	60.5	61.6	59.4	60.8	61.2	60.5	–2.1	–3.9	3.1	11.9	6.1	5.1	3.4	12.0	–4.1	4.0	**16.1**	3.7	3.2	4.6	5.4	5.8	5.8	4.8
3	60.7	60.5	60.3	58.3	58.6	58.4	59.5	4.1	4.3	8.7	11.2	8.3	5.5	7.0	11.9	4.0	8.0	7.9	5.9	6.0	5.9	6.2	6.2	6.2	6.1
4	56.7	56.0	55.3	52.2	50.3	48.1	53.1	4.9	4.9	6.9	8.7	7.8	5.9	6.5	9.1	4.4	6.8	4.7	6.1	6.5	7.1	**7.4**	**7.4**	6.8	6.9
5	46.5	45.0	44.9	42.9	42.4	41.4	43.9	5.0	3.8	5.4	4.5	2.5	0.3	3.6	7.9	0.1	4.0	7.8	6.1	5.0	4.5	4.7	4.0	4.1	4.7
6	41.2	41.6	42.9	43.4	46.5	47.6	43.9	–0.1	–0.5	3.2	4.9	2.9	2.1	2.1	5.8	–0.9	2.5	6.7	4.3	4.3	5.5	5.1	4.0	4.2	4.6
7	48.2	49.3	51.2	50.5	52.3	53.6	50.9	0.8	1.3	2.5	4.9	2.3	0.5	2.1	5.1	0.5	2.8	4.6	4.3	4.2	4.7	4.4	3.7	3.8	4.2
8	54.4	56.2	57.4	56.9	57.9	58.6	56.9	0.4	–0.7	2.7	3.5	0.9	–0.3	1.1	4.8	–0.9	2.0	5.7	3.7	3.4	3.3	2.7	3.3	2.8	3.2
9	59.1	58.7	59.4	57.7	57.8	57.5	58.4	–2.1	–2.6	0.1	2.6	0.5	–1.6	–0.5	2.8	–2.9	0.0	5.7	2.8	2.7	2.5	3.2	3.6	3.8	3.1
10	57.4	57.6	57.8	56.4	58.2	58.1	57.6	–4.4	–6.0	–0.5	4.8	1.0	–1.3	–1.1	5.4	**–6.2**	–0.4	11.6	3.3	2.8	3.5	2.7	3.2	3.1	3.1
11	57.8	58.4	60.4	58.4	60.2	60.7	59.3	–2.8	2.0	7.2	7.6	1.9	–1.9	2.3	8.3	–3.4	2.5	11.7	3.0	3.3	3.6	3.8	4.1	3.6	3.6
12	59.7	59.1	57.7	53.8	53.2	50.1	55.6	–2.5	–2.7	–0.5	0.7	4.3	2.9	0.4	4.6	–3.3	0.7	7.9	3.5	3.5	3.9	4.6	5.9	5.6	4.5
13	46.5	45.4	44.9	42.5	43.3	42.8	44.2	2.9	3.1	5.0	8.5	5.6	4.1	4.9	8.7	2.0	5.4	6.7	5.5	5.7	6.1	6.2	5.4	4.7	5.6
14	40.2	38.5	37.5	35.3	36.3	**36.0**	37.3	1.2	–0.9	5.0	7.1	3.4	4.1	3.3	7.9	–1.1	3.4	9.0	4.4	4.1	5.2	4.8	4.4	4.8	4.6
15	36.4	37.2	38.5	38.6	40.7	41.8	38.9	3.4	2.1	4.4	4.3	1.5	1.4	2.9	5.8	1.3	3.6	4.5	4.2	4.1	4.5	3.5	3.6	3.4	3.9
16	43.3	45.6	48.6	49.4	51.5	52.6	48.5	1.0	0.7	3.2	–0.3	0.1	–0.3	0.7	3.8	–0.8	1.5	4.6	3.5	3.8	3.7	4.5	3.4	3.2	3.7
17	53.4	54.3	55.1	54.9	56.2	56.2	55.0	–1.7	–2.4	–1.0	–0.7	–1.6	–2.3	–1.6	0.3	–2.6	–1.1	**2.9**	3.4	3.5	4.1	3.9	4.1	3.9	3.8
18	55.7	54.0	53.8	53.2	55.6	56.6	54.8	–3.0	–1.6	1.9	3.3	–0.2	–1.1	–0.1	4.9	–3.7	0.6	8.6	3.4	3.7	3.9	4.0	4.0	3.9	3.8
19	56.5	57.3	58.6	57.7	57.1	58.6	57.6	–1.2	–0.5	0.5	2.2	2.2	–0.1	0.5	3.0	–1.3	0.9	4.3	4.0	3.6	3.6	3.3	3.8	4.3	3.8
20	58.4	59.3	59.5	58.2	57.2	53.7	57.7	–1.0	0.5	4.6	3.9	1.1	0.3	1.6	5.5	–1.3	2.1	6.8	3.7	4.2	3.6	3.8	4.0	4.3	3.9
21	53.3	56.1	58.0	56.7	58.5	59.5	57.0	0.1	–1.9	1.1	1.7	–0.7	–1.1	–0.1	2.1	–2.5	–0.2	4.6	4.3	3.4	3.2	2.9	2.9	2.8	3.3
22	59.4	59.8	60.5	58.7	59.8	60.5	59.8	–1.3	–1.6	1.1	1.6	–0.2	–2.8	–0.5	1.8	–4.7	–1.4	6.5	**2.4**	2.5	2.9	3.0	2.7	2.7	2.7
23	60.3	60.7	61.0	60.5	61.7	64.0	61.4	–4.8	–5.4	0.8	3.6	0.4	–1.3	–1.1	4.4	–5.9	–0.7	10.3	2.8	2.9	3.1	3.0	3.0	3.1	3.0
24	64.5	**65.8**	66.0	63.1	63.3	62.0	64.1	–3.9	–5.4	2.0	6.2	1.9	0.1	0.2	7.0	–5.7	0.7	12.7	3.2	3.0	3.1	3.3	4.0	4.1	3.5
25	60.0	57.9	56.0	51.4	51.0	51.5	54.6	–1.4	–1.5	0.3	2.8	2.7	2.5	0.9	3.8	–1.6	1.1	5.4	3.8	3.9	4.3	5.4	5.4	5.5	4.7
26	51.6	53.2	54.8	53.3	54.8	55.1	53.8	2.3	3.3	5.5	11.8	5.5	2.5	5.2	**12.3**	0.9	6.6	11.4	5.4	5.2	5.3	4.7	5.5	5.2	5.2
27	53.8	53.4	51.6	46.7	43.9	40.7	48.4	0.1	0.1	2.7	5.1	4.5	2.7	2.5	5.3	–0.1	2.6	5.4	4.5	4.6	4.8	5.6	6.2	5.4	5.2
28	39.2	38.2	36.6	38.4	41.1	44.1	39.6	2.9	1.5	4.1	2.5	0.1	–2.1	1.5	5.1	–2.5	1.3	7.6	4.6	4.1	4.6	4.2	3.3	3.9	4.1
Mean	53.3	53.5	53.9	52.4	53.2	53.2	53.3	0.0	–0.3	3.1	5.0	2.5	0.9	1.8	6.1	–1.5	2.3	7.7	4.1	4.0	4.3	4.3	4.4	4.3	4.2

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h
1	94	94	74	46	77	88	79	WSW	2.2	—	0.3	—	0.0	NNW	5.2	WNW	2.2	—	0.2	1.7	1.3
2	95	94	80	52	82	88	82	—	0.2	—	0.0	W	1.2	S	4.5	SSE	4.2	S	1.5	1.9	1.6
3	96	96	71	63	77	91	82	—	0.2	—	0.0	SSE	1.3	SSE	3.3	SE	2.8	—	0.0	1.3	1.8
4	95	100	95	88	94	98	95	NNW	0.8	WNW	1.0	SW	1.0	SSW	0.7	SSE	2.3	—	0.0	1.0	0.7
5	93	84	66	75	72	88	80	NE	3.0	NNW	1.0	N	2.3	NW	2.5	SSW	3.3	SSE	3.0	2.5	2.4
6	95	97	96	79	71	79	86	—	0.5	SSE	2.0	S	4.5	NW	1.7	SW	2.0	SSW	1.7	2.1	2.4
7	88	84	87	67	69	79	79	E	0.7	NW	1.3	N	5.0	NNW	4.5	NNW	4.5	NNW	3.2	3.2	3.0
8	77	78	59	45	69	63	65	NNW	4.5	N	1.7	NNW	5.5	NNW	6.2	NNW	2.8	NNW	3.7	4.1	4.0
9	70	72	55	57	76	92	70	NNW	3.5	N	3.3	NNW	2.3	S	0.8	S	1.7	—	0.3	2.0	1.9
10	100	97	79	**42**	65	76	77	—	0.0	—	0.5	—	0.3	NNW	4.8	NW	2.3	—	0.0	1.3	1.8
11	81	63	48	49	79	90	68	—	0.3	NNW	2.7	ESE	2.3	NNW	5.2	NW	0.8	WSW	2.2	2.3	2.4
12	92	92	88	96	95	100	94	—	0.2	—	0.0	—	0.3	W	1.2	SSW	4.3	NW	2.0	1.3	0.7
13	98	100	93	75	79	78	87	NNW	5.7	N	1.3	NNE	1.7	NW	6.7	NW	6.2	NNW	2.2	4.0	4.1
14	88	95	80	63	75	78	80	NW	1.3	SE	1.8	—	0.0	WNW	4.8	NNW	3.8	NNW	3.7	2.6	2.4
15	72	77	72	56	71	67	69	NW	4.5	NW	3.6	W	9.8	WNW	7.3	WNW	5.8	W	7.7	6.5	7.1
16	70	80	63	100	73	69	76	WNW	5.3	WNW	5.3	NW	4.7	WNW	3.3	WNW	4.7	NW	3.0	4.4	4.5
17	85	92	97	90	100	100	94	W	4.3	—	0.2	—	0.0	NNW	2.0	—	0.0	—	0.5	1.2	0.8
18	92	90	74	70	88	93	85	—	0.0	SSE	2.8	—	0.0	WNW	2.0	NNW	2.8	NNW	1.0	1.4	1.8
19	95	81	76	62	71	95	80	—	0.0	NNE	3.5	NE	5.3	ENE	1.8	—	0.0	WNW	3.0	2.3	2.0
20	87	90	57	63	80	92	78	NW	0.8	SW	3.3	W	0.8	ENE	3.7	—	0.5	—	0.3	1.6	2.0
21	94	84	65	56	67	66	72	—	0.5	WNW	3.7	WNW	5.5	W	13.5	WNW	10.8	WNW	7.5	6.9	6.3
22	58	62	58	59	59	71	61	NNW	4.7	NNW	3.7	NNW	3.8	NW	3.3	NNW	3.2	—	0.5	3.2	3.3
23	88	94	63	50	64	74	72	—	0.0	NW	1.0	N	2.0	WNW	3.5	WNW	2.2	NNW	1.2	1.7	2.3
24	94	97	58	47	77	89	77	—	0.3	—	0.0	—	0.2	—	0.3	SSE	5.2	—	0.3	1.1	1.2
25	92	95	92	96	98	100	96	—	0.0	—	0.0	—	0.2	—	0.5	—	0.0	—	0.0	0.1	0.2
26	100	89	79	45	82	94	82	—	0.2	N	1.5	—	0.2	WSW	5.3	SSE	3.5	—	0.0	1.8	1.5
27	98	100	87	85	98	98	94	—	0.0	—	0.2	—	0.0	—	0.2	NNW	1.2	NE	2.5	0.7	0.6
28	82	81	76	76	73	100	81	WSW	9.2	S	1.2	W	7.5	W	6.0	W	**14.0**	W	12.3	8.4	7.0
Mean	88	88	75	66	78	86	80		1.9		1.7		2.4		3.7		3.5		2.3	2.6	2.5

* Reduction: to standard gravity, —0.4; to mean sea level, +5.9

FEBRUARY, 1949.

Day	DIRECTION AND SPEED OF CLOUDS × 2	6	10	14	18	22	AMOUNT (0–10) AND FORMS OF CLOUDS 2	6	10	14	18	22	Mean	PRECIPITATION 22-2	2-6	6-10	10-14	14-18	18-22	Total
1	—	—	—	W7	—	—	10 Sc	7 Cc,Ac	0 Sc	10 Cs,Sc	3 Cc	2 Cs	5.3	—	—	—	—	—	—	—
2	—	—	—	—	—	—	0—	6 Ac	1 Cs	4 Cu	6 Sc	10 Sc,Cs	4.5	—	—	—	—	—	—	—
3	—	—	—	W5	—	—	10 Ns	10 Sc	10 Sc	8 Ac,Sc,Ci	9 Sc	10 As	9.5	0.1	0.0	—	—	—	—	0.1
4	—	—	E8	W8	—	—	10 Ns	10 Ns	10 Ns	10 St	10 St	9 St	9.8	0.5	2.1	2.8	0.5	0.2	—	6.1
5	—	—	W7	W8W8	—	W7	10 St,Sc	10 As,Sc	10 As,Sc	9 Sc,Ns	2 Sc	7 Sc	8.0	1.2	—	—	0.0	—	—	1.2
6	—	—	—	—	—	—	1 Sc	10 Ns	10 Ns	10 St,Sc	10 As,Sc,St	10 As,Sc	8.5	0.0	0.0	1.3	0.5	—	—	1.8
7	—	—	—	W7	N7	—	10 As	10 As,St	10 As,St	10 As,Sc	7 Sc	10 Cs,Sc	9.5	—	—	—	—	—	—	—
8	—	—	W7	W7	W8	W7	10 Cs	8 Ac,Cs,Ci	4 Sc,Cc	6 Sc	9 Sc	10 Sc	7.8	—	—	—	—	—	—	—
9	—	W8	—	—	W8	—	2 Ac	9 Sc	2 Sc	10 As,Sc	9 Sc	10 Sc	7.0	—	—	—	—	—	—	—
10	—	—	—	—	—	—	0 Sc	10 ≡	0 Cu	1 Cu	0 Sc	0 Sc	1.8	—	—	—	—	—	—	—
11	W8	W8	W7	—	—	—	5 Sc	1 Sc	2 Sc,Cu	0 Cu	3 Cs	5 Ci,Cs	2.7	—	—	—	—	—	—	—
12	S5	—	—	—	—	—	10 As,Cs	10 As	10 Ns	10 Ns	10 Ns	10 Ns	10.0	—	—	0.1	3.0	**11.2**	9.0	**23.3**
13	—	—	—	W1W4	—	—	10 Ns	10 Ns	10 Ns,As	10 Ci,St,Sc	10 Ac,Sc,Ci	9 As,Sc,Cs	9.8	5.1	8.0	4.5	0.0	—	—	17.6
14	—	—	—	W7 W7	W7	—	10 Ci	2 Ci,Cc,Sc	10 Cs,Sc,Ac	10 As,Sc	10 Cs,Sc	10 As,St	7.0	—	—	—	—	—	0.0	0.0
15	—	—	W1	W1	—	—	10 Sc,St	4 St,Sc	10 Ci,St,Sc	10 Ci,Ns,Sc	4 Ns,Ci	10 As,Ns,Sc	8.0	0.1	0.0	0.0	—	—	0.0	0.1
16	—	—	W8	—	—	—	10 Ci,Sc	10 As,St,Ci	10 Ci,Ns,St	10 Ns	10 Sc,St	10 St,Sc	10.0	0.0	0.0	0.0	0.6	0.5	—	1.1
17	W8	—	—	—	—	—	8 Sc	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	9.7	0.1	0.1	1.8	0.4	0.9	1.1	4.4
18	—	—	—	W7	—	—	10 Ns	10 Ns	10 Cs,St,Sc	10 Cs,St,Sc	10 Ns	10 Ns	10.0	0.3	0.4	0.6	—	0.2	0.6	2.1
19	—	—	—	—	—	—	10 NS	10 Ns	10 Ns	10 St,Sc	10 Ns	4 Ns	9.0	1.0	1.1	0.2	0.0	0.0	0.3	2.6
20	—	—	—	W8	—	—	10 Ns	10 Ns	6 Ci,Sc	9 Cs,Sc	10 As,Sc	10 Ns	9.2	1.2	5.2	0.4	—	—	0.0	6.8
21	—	—	—	—	—	—	10 St	4 St,Sc	2 Ns,Cu	2 Ns,Cu	2 Ns,Cu	1 Ns,Sc	3.5	3.2	—	—	—	—	—	3.2
22	—	—	—	W8	W8	—	1 Sc	4 Sc	10 Sc,St	9 Sc,St	1 Sc	0 Sc	4.2	—	—	—	—	—	—	—
23	—	—	—	W8	—	—	1 Sc	2 Sc,As	1 Sc,Cu	7 Sc,Cu	0 Sc	0 —	1.8	—	—	—	—	—	—	—
24	—	—	—	—	—	—	0 Cs	0 Cs	10 Cs	10 Cs	10 Cs	10 Cs,As	6.7	—	—	—	—	—	—	—
25	—	—	—	—	—	—	10 As,Cs	10 As	10 St	10 Ns	10 ≡	10 ≡	10.0	—	—	—	1.9	1.6	—	3.5
26	—	W7	W7	W7	W7	—	10 Ns	10 Sc	9 Sc,Cu	4 Cu	6 Sc	1 Sc	6.7	0.1	0.2	—	—	—	—	0.3
27	—	—	—	—	—	—	0 —	10 Sc	10 As	10 Ns	10 Ns	9 St,Ns	8.2	—	—	—	—	0.4	1.8	2.2
28	—	W8	W8	—	W8	—	8 Ns	9 Ns,Cs	10 St,Sc	10 Ns	6 St	10 Ns	8.8	0.1	0.1	2.3	2.3	0.3	4.8	9.9
							6.6	7.7	7.4	8.2	7.0	7.4	7.4	13.0	17.2	14.0	9.2	15.3	17.6	86.3

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm Open Air	in the Shelter	REMARKS
1	8.44	2.3	1.3	◊ 2a. ◊ 2, ⊟ 0p.
2	4.95	(2.2)	1.0	⊔ 1, ⊟ 1, ∞ 0a. ◊ 2p.
3	4.22	(2.1)	0.7	∞ 0a. ◊ 0, ∞ 0p. ● 00130...0240.
4	—	(0.6)	0.5	● 00100—1308,1524...1637. ≡ 32223—
5	2.70	(1.1)	0.5	◊ 0a. ◊ 0, ⊟ 0, ⊔ 0p.—≡ 3— ● 00020—0156,1225—1231.
6	2.46	(0.7)	0.6	⊟ 0a. ✳ 00125...0500— ● 00845—0926...1349.
7	1.35	1.8	1.1	⊟ 0a. ◊ 0, ⊟ 0, ⩔ 0p.
8	7.15	3.9	2.1	⊟ 0, ⊔ 0a. ⊟ 0p.
9	3.67	1.9	1.0	⊟ 1, ◊ 2, ∞ 0a. ◊ 0, ∞ 0, ⊟ 0, ⊔ 0p.
10	8.08	2.5	1.4	⊟ 1, ⊔ 2, ∨ 1, ∞ 0a. ⊟ 0p. ≡ 50430— ≡ 30820—0845.
11	9.46	(2.8)	1.5	⊟ 1, ⊔ 0, ◊ 0, ∞ 0a. ◊ 2, ∞ 0, ⊟ 1, ⊔ 1p.
12	—	(2.4)	0.3	⊟ 1, ⊔ 1a. △ 00952— ● 00958— ● 11440— ● 01950—
13	1.83	1.3	0.8	◊ 0p.— ● 0—1025.
14	2.00	(2.1)	1.5	⊟ 0, ⊔ 0a. ◊ 0p. ● 02146...
15	8.54	2.4	1.4	⊟ 0, ◊ 0a,p... ● 0...0253. ✳ 01820..., ◸ 1050—1120.
16	3.06	(1.4)	1.1	⊟ 1, ◊ 0a. ⊟ 0p... ✳ 0...0430,0713...1227— ✳ 11340— ✳ 01449—1513. ⊠, ⊠ 1346—1500. △ 02350—
17	0.38	(0.5)	0.6	⊟ 0a,p.— △ 0—0025. ✳ 00510—, ⊠, ⊠ 0530—
18	4.46	(1.2)	0.8	⊟ 1a. ⊟ 0p.— ✳ 0—0745.— ⊠—1208. ✳ 01547...2117— ✳ 12152— ✳ 02220—, ⊠, ⊠ 2140—
19	—	(1.5)	0.6	⊟ 0a. ◊ 0, ⊟ 0p.— ✳ 0—0535...1820—,— ⊠—1450. ⊠, ⊠ 2030—
20	7.94	(1.7)	1.5	⊟ 0, ◊ 0, ∞ 0a. ◊ 2, ⊟ 0p.— ✳ 0— ✳ 10020— ✳ 00130— ✳ 10158— ✳ 00500—0840.— ⊠—1620. ✳ 02149—. ⊠, ⊠ 2227—
21	9.57	2.9	2.0	⊟ 0, ◊ 0a. ◊ 0, ⊟ 1p.— ✳ 0—0100.— ⊠—1220. ◸ 1100—1430.
22	3.22	1.9	1.2	⊟ 1, ◊ 0a. ◊ 0, ⊟ 1, ⊔ 0p.
23	9.91	2.3	1.2	⊟ 1, ⊔ 0, ◊ 0a. ◊ 0, ⊟ 0, ⊔ 0p.
24	9.87	2.4	1.1	⊟ 1, ⊔ 1, ∞ 0, ◊ 0a. ◊ 0, ⊟ 0, ⊔ 0p.
25	—	(0.5)	0.3	⊟ 0, ⊔ 0, ∞ 0a. ● 01008— ≡ 31736— ≡ 41948—
26	4.43	1.9	0.7	∞ 0a. ◊ 0p.— ≡ 4— ● 00152—0305.
27	—	(0.6)	0.4	⊟ 0, ⊔ 0, ∞ 0a. ∞ 0p. ≡ 01523— ● 01815...2135,2300...
28	3.58	(1.2)	0.2	⊟ 0, ◊ 0a. ⊟ 0p... ● 0... ✳ 00505... △ 00648— ✳ 00652... ✳ 10732— ✳ 00820—0948,1017—1154. △ 01228—1426.* *⌊ △ 01542... △ 11640— △ 01645... ⊹ 12014— ✳ 02218— ⊹ 02310... ⊠, ⊠ 0736—1125,2020—* *⌊ ◸ 1200,1430—1500,1520—1530,1630—2010,2040—2050,2200.
Mean	4.33	2.3	1.0	

× See Page 3.

MARCH, 1949.

Day	AIR PRESSURE (700mm+)° mm							AIR TEMPERATURE °C										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	45.9	49.6	53.1	54.5	55.9	56.7	52.6	−2.5	−3.8	−1.7	−0.8	−3.0	−3.9	−2.6	−0.5	−4.5	−2.5	4.0	3.8	2.9	2.6	2.3	2.2	2.2	2.7
2	56.2	55.2	52.4	46.5	45.3	42.4	49.7	−4.2	−4.7	−2.3	0.1	−0.8	−0.5	−2.1	2.0	−5.1	−1.5	7.1	3.1	3.1	3.1	4.4	4.2	4.2	3.7
3	47.3	52.4	56.6	58.9	62.3	63.1	56.8	−1.0	−2.5	−1.6	−0.4	−2.8	−3.0	−1.9	0.5	−3.1	−1.3	**3.6**	3.5	2.8	**2.1**	2.7	2.6	2.5	2.7
4	63.1	63.3	63.5	61.6	61.2	59.6	62.1	−2.5	−2.6	0.8	2.2	1.3	−1.2	−0.3	3.8	−2.7	−0.5	6.5	2.7	3.6	3.8	3.4	3.8	3.9	3.5
5	55.8	52.5	49.5	45.1	46.3	49.6	49.8	−3.8	−3.6	2.3	2.4	2.6	0.8	0.1	4.0	−4.3	−0.1	8.3	3.4	3.4	3.4	4.9	4.6	3.3	3.8
6	52.7	54.7	55.5	54.8	55.2	54.5	54.6	−1.1	−2.3	0.9	2.1	−0.5	−1.9	−0.5	2.3	−2.5	−0.1	4.8	2.2	2.4	2.8	2.4	2.8	2.9	2.6
7	51.8	49.8	48.3	46.3	49.1	54.6	50.0	−2.8	−4.1	1.5	2.7	0.3	−0.9	−0.5	3.6	−4.5	−0.4	8.1	3.0	3.2	2.9	3.4	3.2	2.7	3.1
8	56.8	60.6	61.7	62.1	62.3	61.7	60.9	−2.2	−1.9	0.9	4.0	0.9	−1.3	0.1	5.6	−2.6	1.5	8.2	3.7	3.1	2.9	3.0	3.1	3.5	3.2
9	60.2	58.3	57.6	54.9	55.5	55.6	57.0	−1.2	−1.7	2.5	10.8	7.3	3.1	3.5	11.6	−1.8	4.9	13.4	3.3	3.5	3.5	4.6	5.2	4.8	4.2
10	53.4	51.3	48.2	44.9	45.2	46.3	48.2	0.0	3.5	7.9	11.6	5.0	3.0	5.2	**12.1**	−0.3	5.9	12.4	4.2	4.9	5.3	**6.2**	5.2	3.8	4.9
11	47.6	51.0	52.8	53.1	54.6	55.5	52.4	3.5	1.9	4.4	5.2	2.7	1.7	3.2	6.4	0.3	3.4	6.1	3.6	4.2	3.7	4.7	3.7	3.2	3.9
12	54.7	54.1	54.3	53.6	56.0	57.0	55.0	1.4	−0.1	8.4	8.0	1.4	0.4	3.3	9.7	−2.5	3.6	12.2	3.2	3.3	4.1	3.1	2.5	2.9	3.2
13	57.9	57.8	58.8	58.1	58.2	58.4	58.2	0.3	−0.3	3.0	5.6	2.0	1.7	2.1	6.6	−1.0	2.8	7.6	2.7	4.2	3.0	**2.1**	2.9	2.7	2.9
14	57.5	57.5	58.5	57.5	59.4	60.7	58.5	1.4	−0.3	3.8	3.6	−1.1	−2.2	0.9	4.8	−2.6	1.1	7.4	2.6	2.6	2.6	3.1	2.4	2.3	2.6
15	60.9	61.0	60.7	59.3	59.3	59.2	60.1	−2.8	−2.8	0.7	2.5	−1.0	−2.8	−1.0	3.1	−3.3	−0.1	6.4	2.2	2.4	3.5	2.8	2.8	2.7	2.7
16	58.9	59.0	59.5	59.3	60.3	61.1	59.7	−2.8	−2.5	−1.4	−0.4	−2.6	−1.5	−1.9	2.5	−3.3	−0.4	5.8	2.7	2.7	3.0	3.7	3.3	2.5	3.0
17	60.6	60.6	59.5	56.5	54.9	53.4	57.6	−1.1	−0.9	3.1	6.6	3.5	2.3	2.3	7.6	−1.5	3.1	9.1	2.7	2.9	3.1	3.6	3.9	4.4	3.4
18	49.5	47.0	43.5	**40.6**	41.9	45.2	44.6	1.3	1.1	4.0	9.4	3.3	0.9	3.3	9.8	−0.1	4.9	9.9	4.1	4.6	5.5	5.4	5.1	3.7	4.7
19	44.2	44.1	44.1	46.6	50.3	53.8	47.2	−0.7	−0.5	3.5	2.3	−0.7	−2.5	0.2	4.5	−2.9	0.8	7.4	3.5	2.8	3.4	3.1	3.0	3.6	3.2
20	54.1	55.7	56.6	54.5	55.8	56.0	55.5	−2.3	−3.4	0.2	1.0	−1.6	−2.3	−1.4	2.1	−4.3	−1.1	6.4	2.9	3.1	3.0	3.6	2.6	2.6	3.0
21	55.5	55.8	56.6	55.7	56.4	56.1	56.0	−2.6	−1.9	0.3	1.1	−0.2	−1.5	−0.8	2.8	−4.3	−0.7	7.1	2.7	2.8	2.8	2.4	2.5	2.8	2.7
22	55.5	55.7	56.1	55.3	55.9	56.4	55.8	−2.5	−3.6	1.0	1.4	−1.1	−2.6	−1.2	2.5	−4.4	−0.9	6.9	3.6	2.7	2.9	2.5	3.5	3.5	3.1
23	55.9	56.4	56.6	55.4	57.1	58.1	56.6	−2.9	−2.9	1.5	5.0	−0.5	−2.4	−0.4	6.5	−3.4	1.6	9.9	3.7	2.8	3.3	3.4	3.0	3.2	3.2
24	57.8	58.1	58.3	57.2	58.7	60.3	58.4	−2.7	−4.6	1.1	3.1	0.3	−0.5	−0.5	3.9	−5.1	−0.6	9.0	3.6	3.0	3.6	3.0	3.2	3.6	3.3
25	61.1	62.2	62.2	61.2	62.0	62.2	61.8	−3.0	−3.2	3.8	4.1	2.3	−0.7	0.6	5.8	−3.9	1.0	9.7	3.3	3.5	2.9	3.8	4.0	3.9	3.6
26	62.0	61.5	61.7	59.9	60.7	62.3	61.4	−2.8	−4.6	5.4	9.5	3.1	0.5	1.9	9.9	−4.9	2.5	14.8	3.4	3.0	3.8	3.8	4.1	3.0	3.5
27	62.1	62.6	61.9	59.6	59.1	60.4	61.0	−1.6	−3.6	4.6	7.3	3.7	−0.3	1.7	7.9	−4.4	1.8	12.3	2.9	3.0	2.2	2.8	3.1	3.5	2.9
28	60.5	60.9	60.9	59.3	59.0	61.2	60.3	−1.6	−3.6	5.7	9.7	6.0	3.1	3.2	11.3	−4.3	3.5	15.6	3.8	3.3	3.3	3.9	4.0	4.1	3.7
29	60.9	62.1	63.6	61.0	60.9	61.1	61.6	1.6	1.3	6.7	8.7	3.7	−2.3	3.3	9.5	−3.4	3.1	12.9	2.9	3.3	2.7	2.8	3.5	3.2	3.1
30	59.7	59.2	60.4	61.4	62.6	63.2	61.1	−4.4	−2.5	3.8	5.5	1.3	−3.4	0.1	6.6	−5.2	0.7	11.8	3.1	3.6	2.9	2.9	4.4	2.7	3.3
31	**63.8**	**63.8**	63.2	59.9	59.6	59.2	61.6	−6.4	−6.1	5.8	10.4	6.1	3.3	2.2	10.8	**−7.5**	1.7	**18.3**	2.8	2.6	3.0	3.3	4.5	4.6	3.5
Mean	56.3	56.6	56.7	55.3	56.2	56.9	56.3	−1.7	−2.2	2.6	4.7	1.3	−0.5	0.7	5.8	−3.3	1.2	9.1	3.2	3.2	3.2	3.5	3.5	3.3	3.3

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h
1	100	84	64	54	59	62	71	WNW	5.5	WNW	4.7	WNW	5.0	WNW	6.7	W	9.5	N	2.8	5.7	5.6
2	91	94	80	96	97	95	92	SSE	1.2	—	0.0	—	0.2	SE	2.5	ESE	1.7	SSE	2.0	1.3	1.7
3	83	74	53	62	69	69	68	W	3.3	WNW	8.0	WNW	9.5	NW	6.0	NNW	4.5	N	4.0	5.9	6.0
4	69	95	78	65	76	92	79	NE	1.3	—	0.3	ENE	1.3	NNW	1.3	—	0.2	ENE	0.7	0.9	1.3
5	97	97	64	90	83	68	83	—	0.0	—	0.5	NNW	1.2	NW	4.0	N	7.3	WNW	9.3	3.7	3.4
6	52	62	57	46	63	73	59	NE	1.7	NE	4.7	NNW	5.3	NW	1.2	ENE	1.3	SE	1.7	2.7	2.9
7	81	94	57	61	68	62	71	SSE	1.5	—	0.2	—	0.2	NNW	4.7	NNW	8.0	NW	4.2	3.1	3.5
8	95	77	60	50	63	85	72	WNW	1.5	NW	2.2	NW	4.7	W	5.7	NNW	1.0	—	0.0	2.5	2.6
9	78	87	64	48	68	83	71	—	0.0	—	0.2	—	0.2	SW	2.7	W	2.0	NNW	0.7	1.0	1.2
10	93	84	66	60	80	66	75	—	0.0	SSE	2.5	SSE	5.7	WSW	5.7	NNW	3.7	NNW	6.8	4.1	3.3
11	60	81	59	70	68	63	67	NNE	2.2	NNW	6.2	NNW	3.5	NE	1.7	—	0.5	WSW	3.5	2.9	3.2
12	64	72	50	39	49	62	56	SSW	3.2	S	2.5	WSW	8.3	W	7.2	W	2.2	W	**13.0**	6.1	5.1
13	59	93	54	**30**	55	52	57	WNW	4.2	NNW	2.2	NW	3.8	NW	1.0	WNW	3.3	NW	3.0	2.9	3.9
14	52	57	44	54	56	58	54	NNW	7.5	NW	1.5	WNW	4.5	WNW	6.2	NW	4.2	NW	6.0	5.0	4.3
15	60	65	74	51	67	71	65	NNW	3.5	NNW	3.2	NW	1.7	WNW	5.0	WNW	4.2	NW	2.7	3.4	3.7
16	71	69	73	83	87	62	74	WNW	3.3	WNW	4.3	NNW	7.8	W	8.8	WNW	3.7	NNW	3.8	5.3	5.2
17	64	67	54	49	67	81	64	NNW	3.7	NW	1.3	SSE	3.2	—	0.0	SE	1.8	E	1.0	1.8	2.4
18	82	92	91	61	87	76	82	NNW	1.3	SSW	0.7	NNW	1.5	WSW	3.5	WSW	8.7	WSW	8.0	4.0	4.3
19	80	63	58	57	69	95	70	WSW	6.2	WSW	6.7	WNW	7.0	WNW	11.7	NW	5.0	WNW	3.5	6.7	5.8
20	75	86	65	73	64	67	72	WNW	5.3	NNW	2.3	WNW	3.7	WNW	9.0	WNW	5.2	NNW	2.3	4.6	4.4
21	72	70	61	49	55	68	63	NW	3.3	N	3.8	NNW	3.7	WNW	6.2	NNW	4.8	N	2.3	4.0	3.3
22	95	79	60	50	83	92	77	—	0.0	N	1.7	NNW	2.8	WNW	3.7	NNW	0.7	NW	2.3	1.9	1.9
23	100	74	64	52	67	84	74	—	0.5	NNW	3.7	NNW	5.5	W	5.7	NNW	2.2	WNW	1.3	3.2	3.2
24	95	91	73	53	68	81	77	—	0.0	—	0.0	—	0.5	WNW	5.3	NNW	1.2	NNW	1.5	1.4	1.5
25	89	97	49	62	74	90	77	—	0.2	—	0.0	NNW	1.0	NNW	3.5	WNW	1.3	—	0.5	1.1	1.3
26	92	91	56	43	73	62	70	E	1.2	—	0.5	SE	3.0	WSW	5.3	NW	3.0	NNW	3.3	2.7	2.0
27	70	86	35	36	52	79	60	NNW	2.2	NNW	1.7	—	0.3	NNW	1.7	NW	2.5	ENE	0.8	1.5	1.4
28	92	94	49	43	57	73	68	—	0.0	—	0.2	W	2.2	WSW	8.2	WSW	3.8	SW	1.7	2.7	1.9
29	58	65	37	34	60	82	56	W	4.2	NW	2.8	WNW	5.0	WNW	5.3	W	3.0	—	0.0	3.4	3.4
30	94	95	48	43	88	76	74	SSE	0.8	—	0.5	WNW	7.2	WNW	6.5	NW	1.3	ESE	1.3	2.9	2.7
31	97	91	44	35	65	80	69	—	0.2	—	0.2	SSE	5.7	SE	7.7	SSE	6.3	S	1.3	3.6	2.9
Mean	79	81	59	55	69	74	70		2.2		2.2		3.7		5.0		3.5		3.1	3.3	3.2

* Reduction: to standard gravity, −0.4; to mean sea level, +6.0

MARCH, 1949.

Day	DIRECTION AND SPEED OF CLOUDS ×						AMOUNT (0–10) AND FORMS OF CLOUDS							PRECIPITATION						
	2	6	10	14	18	22	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total
1	—	W8	W9	W8	—	—	10 Ns	6 St,Sc	5 Ns,Sc	6 St,Sc	1 Sc	0 Ci	4.7	2.1	0.5	—	—	0.0	—	2.6
2	—	—	—	—	—	—	10 Ns	10 Ns	10 As,Sc	10 Ns	10 Sc	10 Ns,Sc	10.0	0.4	0.3	0.0	0.4	**3.6**	0.7	**5.4**
3	—	W8	W9	W8	W8	—	3 Ns	7 St,Sc	10 St,Ns,Sc	9 Ns,Sc	5 St	1 Sc	5.8	1.0	0.1	—	0.0	0.0	0.0	1.1
4	—	—	—	W7	—	—	1 Sc	10 Ns	10 Ns	10 Sc	6 Sc	10 Cs	7.8	—	0.1	0.1	0.0	—	—	0.2
5	—	—	—	—	—	—	10 Cc	10 Cs,St,Sc	10 Cs	10 As,Ns	10 Sc	1 St	8.5	—	—	—	0.2	0.0	—	0.2
6	—	W8	W8	W8	—	—	3 Sc	2 Sc	7 Sc	9 Sc,St	1 Sc	0 Sc	3.7	—	—	—	—	0.0	—	0.0
7	—	W7	—	—	—	—	0 —	10 Ac,Sc	10 Cs,Ci	10 As	10 As	10 As	8.3	—	—	—	—	—	—	—
8	—	—	W7	W8	W7	—	5 Ns	10 Ns,Sc	4 Sc,St	3 Sc,St	8 Sc,Cs	10 Cs	6.7	0.2	0.0	0.0	—	—	—	0.2
9	—	W5	SW2	W8	W9	W8	10 As,Cs	10 Ac,Cs	10 Cs,Ci	9 Sc	9 Sc	3 Sc	8.5	—	—	—	—	—	—	—
10	—	—	—	W8	W8	—	8 Cs	10 As	10 As,Sc	10 As,Sc,St	10 Sc,Ns	6 Ac	9.0	—	—	—	0.0	0.6	—	0.6
11	W8	—	—	W8	W8	—	9 Sc	10 St	10 As,Ns	8 Sc,Cu	2 Sc	0 Sc	6.5	—	0.1	0.1	0.2	—	—	0.4
12	—	—	—	—	—	—	0 Sc	2 Sc,St,Cs	2 Sc	1 Sc	1 Sc	0 Sc	1.0	—	—	—	—	—	—	—
13	W8	—	W7	—	—	—	9 Sc,St	10 Ns	6 Sc,Cu,Cc	10 Cs	9 Ci,Cc,Cu	10 Cs	9.0	—	0.5	0.0	—	—	—	0.5
14	—	—	W8	W8	W7	W8	10 Cs	10 Cc,Ci,As	8 Sc	8 Sc,St	10 Cs,Sk	10 Sc,St	9.3	—	—	—	—	—	—	—
15	W8	W7	W7	W8	W8	—	10 Sc,St	10 Sc,St	10 Sc,Cs	10 Sc,Cs	9 Sc,St	2 Ac	8.5	—	—	—	—	0.0	—	0.0
16	W4	W8	W7	W8	—	W8	10 Ac,St	9 St,Sc	10 Ns,Sc	10 Ns,Sc	2 St,Sc	9 Sc	8.3	—	—	0.0	0.0	0.1	—	0.1
17	—	W8	W7	—	—	—	10 Sc,St	10 Sc	9 Sc	10 Ac,Sc	10 Cs	10 St	9.8	—	—	—	—	—	—	—
18	—	—	—	W7	—	—	10 St	10 Ns	9 Sc,St	10 Sc,St,Ns	5 Ns,Sc	5 St,Sc	8.2	—	0.1	0.4	0.2	0.0	0.6	1.3
19	—	W8	W8	W8	W8	—	10 Ns	7 St,Sc	10 Sc,St	10 St,Sc	10 Sc,St	10 Ns	9.5	0.1	—	0.6	0.1	0.0	0.2	1.0
20	—	W7	W7	W7	W8	—	9 Sc	10 Sc,St	10 Sc,St	10 Ns,Sc	5 Sc,St	9 Sc	8.8	0.5	2.4	0.2	0.0	0.0	—	3.1
21	W8	W8	W7	—	W7	W7	8 Sc	9 Sc,Cs	10 Sc,St	10 Ci,Cu	9 Sc	10 Sc	9.3	—	—	—	0.0	—	—	0.0
22	—	W8	W7	W7	W7	W7	10 Ns	5 Sc	7 Sc	9 Sc,St	10 Sc,St	3 St	7.3	0.1	0.1	—	0.0	0.0	0.2	0.4
23	W7	W7	W7	—	—	—	8 Ns,St	2 St	6 Cs,Cu	6 Cs,Cu,Cc	3 Sc,Ac	5 Sc	5.0	0.3	0.0	—	—	—	—	0.3
24	—	—	W7	W7	—	—	2 Sc	8 Sc	10 Sc,Ns	10 St,Sc	10 St	10 Ns	8.3	—	—	0.0	0.0	0.0	0.2	0.2
25	—	W7	W8	W7	—	—	2 Sc	8 St,Sc	9 Sc	7 Cs,Sc,Cu	10 St	3 Sc	6.5	0.0	—	—	—	—	—	0.0
26	—	—	W1	W7	W7	W7	—	1 Sc	4 Sc,St	7 Sc,Cs	7 Cu,Sc	10 Cs,Sc	2 Sc	5.2	—	—	—	—	—	—
27	—	—	—	—	—	—	1 Sc	10 Cs,Ci	0 —	10 Cs,Cu	10 Cs	8 Sc	6.5	—	—	—	—	—	—	—
28	—	—	W7	W7	W7	W7	10 Sc	1 St,Sc	5 Sc.Cu	3 Cu	10 As,Sc	3 Sc	5.3	—	—	—	—	—	—	—
29	W7	W7	—	—	—	—	7 Sc	6 Sc	4 Ac,Cu	8 Cs,Cu	10 Cs,As	10 Cs	7.5	—	—	—	—	—	—	—
30	—	—	W7	W7	W7	—	10 Cs,Sc	10 Ns	7 Sc,Cu	8 Sc,Ci	10 Cs,Sc	1 Sc	7.7	—	0.4	0.1	—	—	—	0.5
31	—	—	—	—	—	—	0 Sc	5 Cs	0 —	6 Sc,Cs	10 Sc,Ac,Cs	0 Sc	3.5	—	—	—	—	—	—	—
							6.6	7.8	7.6	8.3	7.6	5.5	7.2	4.7	4.6	1.5	1.1	4.3	1.9	18.1

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	7.34	(2.8)	1.4	⊟⁰a.⊟¹p...⇖⁰...0500.⚹⁰1420—1445.—⊠—.◤0110,0340,1810—1850,1920—1930.
2	0.58	(1.3)	1.0	⊟¹a.⊟⁰p.⚹⁰0040—0740,1230—1726,2015—⇖⁰2330—,⌅0040.1538.—⊠—,◤2350—
3	6.67	(2.4)	1.4	⊟⁰a.⊟¹p.—⇖⁰—⚹⁰0120—⇖⁰0440—0547,⚹⁰1150...1830.—⊠—,—◤—0050,1020—1040.
4	2.55	1.7	1.3	⊟¹a.⊟⁰p.⚹⁰0500—0705,0941—1120.⌅0500. —⊠—
5	1.93	(2.0)	1.8	⊟¹,⊔⁰,∞⁰,◊⁰a.⊟⁰p.●⁰1320—1420.—⊠—,◤2320—
6	6.24	2.2	1.4	⊟¹,○¹a.⊟⁰p.—⊠—1043.⚹⁰1424...1510.—◤—0010.
7	5.25	(2.8)	1.9	⊟¹,⊔⁰,◊⁰,∞⁰a.◊⁰,∞⁰,⊟⁰p.
8	8.31	2.8	1.2	⊟¹a.⊟⁰,⊍⁰p.⚹⁰0100—0240...0700.⌅,⊠0110—0900.
9	5.63	2.5	1.0	⊟⁰,∞a.∞⁰p.
10	—	(1.5)	1.5	⊟⁰,⊔¹a.●⁰1139...1743.
11	4.62	(2.3)	0.9	⊟⁰,⊔⁰p.●⁰0255...△⁰0604—0646.⚹⁰0955—1120.
12	8.76	(2.2)	1.9	⊟⁰,⊔⁰,◊²a.⊟⁰p. ◤1410,1430—1510,1600,2040—2210.
13	8.57	3.4	2.1	⊟⁰,◊²a.◊²,⊟⁰,⊍⁰p.⚹⁰0450—⚹¹0530—⚹⁰0548—0634,⌅,⊠0520—0730.⚹⁰0647...0840.
14	8.26	3.3	1.9	⊟⁰,⊍⁰,◊²,∽⁰a.◊⁰,⊟⁰p.
15	5.09	2.8	1.6	⊟¹,◊¹a,p.
16	5.70	(2.8)	1.5	⊟¹a,p.⚹⁰0930...⚹¹0955—⚹⁰1005...1310,1347...⚹⁰1355—1415...1545,1555...1630,1718—1751.◤1530,1630.
17	4.31	(2.3)	1.0	⊟a. *⌈◤1530,1620—1630,1720—1920,1940,2120—2130,2220,2320.
18	2.31	(0.8)	1.3	●0533—0754,1220—1330,1415—1450,1500—1530,1540—1552,1610—1635,1747...△⁰2151—2157.*
19	2.86	(1.8)	1.5	⊟¹a.⊟⁰p.⚹⁰0130—,⌅,⊠0140—0230.—⚹⁰—0228,0623—0634,0806—⇖⁰0820—⚹⁰0840—0920.⌅,⊠0820—0925.**
20	7.02	2.9	1.1	⊟¹a.⊟⁰p.—⚹⁰—0136,0318—0509.⌅0330.⚹⁰0713–0945.⌅0746–.–⊠–1150.⚹⁰1155...1510,◤1200. **⌊⚹⁰0950...**
21	3.38	2.2	1.8	⊟¹,◊⁰a.◊¹,⊟⁰p.⚹⁰1050—1210. **⌊0955,1145–1310,1425–⇖⁰1920–⚹⁰2100–,⌅,⊠1910–,◤0040–0050,0720,1320**
22	1.78	(2.0)	1.5	⊟¹,◊¹a.◊¹,⊟⁰p.⚹0110–,⌅,⊠0138–.–⚹⁰–0320.–⊠–0920.⚹⁰1105...1230.1345...1355,1723...,⌅,⊠2150– **⌊–1420.
23	9.94	3.0	1.2	⊟⁰,◊¹a.◊²,⊟⁰,⊔⁰p...⚹⁰...0250.—⊠—0830.
24	3.48	(2.5)	1.2	⊟¹,◊⁰a.⊟⁰p.⚹⁰0850...1040,1447...1505,1825...2310.⌅,⊠2110—
25	6.52	2.3	1.4	⊟⁰a,p.—⊠—0610.
26	8.66	3.3	1.6	⊟¹,⊔⁰,◊⁰a.◊⁰p.
27	10.01	3.4	1.3	⊟⁰,⊔⁰,◊⁰a.∞⁰,ϒ⁰,⊟⁰p.
28	10.14	4.7	1.9	⊟¹,⊔¹,◊¹a.◊⁰p.
29	10.43	(2.7)	2.2	◊²a.◊¹,⊟⁰p.
30	7.28	3.5	1.7	⊟¹,⊔¹a.⊟¹p.⚹⁰0440—⚹¹0550—⚹⁰0610—0730,⌅,⊠0450—0910.
31	10.60	3.8	1.8	⊟¹,⊔¹,∞⁰a.
Mean	5.94	3.0	1.5	

× See Page 3.

APRIL, 1949.

Day	AIR PRESSURE (700mm+)° mm							AIR TEMPERATURE °C										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	57.5	56.7	57.0	55.3	57.1	60.8	57.4	–1.0	–1.7	9.1	10.2	5.3	2.9	4.1	12.5	–2.1	5.2	14.6	4.1	3.7	5.2	6.2	4.9	3.6	4.6
2	61.6	63.7	64.7	64.9	66.0	**67.6**	64.8	1.3	–0.1	5.8	8.8	2.9	–1.7	2.8	9.6	–2.9	3.4	12.5	3.9	3.7	2.4	**2.3**	3.4	3.2	3.2
3	66.4	66.4	64.8	61.3	60.1	56.8	62.6	–4.2	–5.3	7.3	10.0	6.8	5.5	3.4	10.7	**–5.9**	2.4	16.6	3.1	2.8	3.4	4.3	5.2	6.1	4.2
4	53.2	50.7	52.3	51.1	53.8	56.1	52.9	8.4	8.2	6.7	8.4	6.1	4.1	7.0	9.6	3.5	6.6	6.1	7.6	7.4	6.7	5.0	4.3	3.8	5.8
5	57.8	59.0	59.2	58.5	59.6	59.9	59.0	2.2	–0.1	10.2	9.8	5.7	4.5	5.4	12.5	–0.5	6.0	13.0	4.9	4.3	5.2	5.5	4.6	4.9	4.9
6	58.1	57.3	54.2	49.8	48.7	48.0	52.7	4.1	2.9	4.4	5.7	4.4	3.1	4.1	6.6	1.2	3.9	5.4	4.9	5.5	5.7	6.5	5.1	4.4	5.4
7	47.3	47.2	47.1	44.9	45.4	47.2	46.5	2.3	1.5	6.1	3.1	2.5	1.1	2.8	7.0	0.9	4.0	6.1	5.0	4.8	4.9	5.4	4.7	4.6	4.9
8	49.3	50.8	52.9	53.3	55.4	57.5	53.2	0.1	0.8	3.0	5.7	3.9	2.9	2.7	7.1	0.1	3.6	7.0	4.4	4.2	4.8	4.4	4.3	4.2	4.4
9	58.0	59.6	61.4	60.7	61.3	61.8	60.5	3.1	2.9	7.9	10.0	6.5	1.5	5.3	10.6	0.4	5.5	10.2	3.9	3.4	4.2	3.8	3.8	4.1	3.9
10	61.0	60.6	59.0	54.7	51.5	50.3	56.2	–0.8	–0.3	7.6	8.6	6.9	5.5	4.6	9.0	1.3	5.2	7.7	4.0	4.2	6.4	5.4	6.1	6.6	5.5
11	50.1	50.4	50.9	48.3	48.3	47.5	49.3	4.7	3.3	10.2	11.2	6.2	5.5	6.9	11.8	2.3	7.1	9.5	4.7	5.0	5.7	5.3	6.1	5.5	5.4
12	**43.9**	44.8	45.9	47.5	50.7	53.5	47.7	4.3	4.0	9.3	8.4	5.3	4.8	6.0	9.5	3.4	6.5	6.1	4.1	3.8	4.5	4.7	4.4	3.7	4.2
13	55.8	57.6	59.1	57.6	57.0	57.0	57.4	3.9	4.4	10.2	12.4	9.6	4.2	7.5	14.0	3.5	8.8	10.5	3.5	3.9	4.6	4.5	5.6	5.5	4.6
14	54.3	54.3	54.6	53.7	55.0	55.8	54.6	4.0	4.3	4.8	7.3	6.9	4.9	5.4	8.3	3.4	5.9	4.9	5.4	5.9	6.0	5.2	4.7	4.4	5.3
15	55.9	56.9	58.1	56.0	54.6	55.9	56.2	3.1	3.1	5.9	9.4	7.3	2.3	5.2	11.3	1.3	6.3	10.0	5.2	5.5	4.2	3.7	5.2	5.0	4.8
16	55.9	56.5	58.0	59.5	61.7	63.7	59.2	0.2	–1.5	1.8	6.5	4.4	4.1	2.6	6.9	–2.1	2.4	9.0	3.0	3.9	3.7	4.3	4.8	3.9	3.9
17	63.7	64.7	64.3	61.3	60.9	61.1	62.7	2.4	2.5	9.3	13.4	9.2	4.9	7.0	13.6	1.2	7.4	12.4	4.1	4.1	4.4	5.2	6.0	6.0	5.0
18	60.7	60.4	59.3	56.9	56.5	55.7	58.3	1.1	0.7	15.6	23.2	14.4	10.8	11.0	**23.4**	–0.3	11.6	**23.7**	4.7	4.6	5.5	6.5	7.4	8.3	6.2
19	53.9	52.6	51.1	48.5	48.6	50.2	50.8	8.8	8.8	14.8	14.3	13.5	11.2	11.9	15.4	8.4	11.9	7.0	7.4	7.9	8.8	**10.0**	8.3	8.0	8.4
20	51.4	52.6	54.5	53.8	55.9	58.0	54.4	10.4	10.8	14.7	17.7	12.0	5.9	11.9	18.3	2.2	10.3	16.1	8.1	7.2	5.8	5.2	5.4	4.6	6.1
21	58.1	59.5	59.1	56.6	54.7	53.0	56.8	1.1	0.6	10.2	11.4	9.8	9.2	7.1	12.5	–0.1	6.2	12.6	4.4	4.3	6.0	6.8	7.0	7.2	6.0
22	50.7	50.5	54.3	55.6	57.0	58.5	54.4	8.4	9.6	9.1	10.3	6.5	5.7	8.3	11.2	2.8	7.0	8.4	8.0	8.1	5.6	4.6	4.3	4.8	5.9
23	57.9	58.0	57.1	55.3	54.1	54.6	56.2	3.1	4.1	10.3	11.0	9.0	3.5	6.8	12.5	2.2	7.4	10.3	5.2	5.4	4.7	5.2	5.5	5.3	5.2
24	54.1	54.0	52.6	49.3	48.3	47.3	50.9	2.0	4.6	13.4	18.4	13.0	9.4	10.1	18.6	1.9	10.3	16.7	5.1	5.9	8.2	8.6	8.6	8.4	7.5
25	45.7	46.8	47.9	48.9	50.4	52.5	48.7	9.3	8.2	12.0	10.4	8.2	8.4	9.4	13.8	7.2	10.5	6.6	8.5	6.3	6.4	5.6	5.3	5.4	6.3
26	52.5	53.8	54.4	55.1	55.8	58.4	55.0	8.4	9.6	14.4	18.2	12.9	6.6	11.7	18.7	6.3	12.5	12.4	5.4	5.8	6.1	6.2	6.9	6.5	6.2
27	57.2	56.4	54.8	52.2	50.1	48.7	53.2	5.8	5.5	8.4	7.8	6.9	7.1	6.9	8.9	5.4	7.2	**3.5**	6.4	6.4	6.6	7.4	7.3	7.4	6.9
28	47.4	48.4	49.0	48.5	48.7	49.8	48.6	7.8	8.2	10.2	10.3	7.3	6.5	8.4	11.1	6.2	8.7	4.9	7.6	7.7	5.9	6.0	5.8	6.0	6.5
29	49.8	51.2	52.7	52.3	53.5	55.3	52.5	6.3	7.9	8.8	9.6	7.1	5.5	7.5	10.3	4.4	7.4	5.9	6.3	4.7	4.7	4.0	3.2	3.9	4.5
30	56.3	57.9	58.9	58.7	59.6	61.3	58.8	6.3	6.9	12.6	14.3	10.6	3.7	9.1	14.6	3.0	8.8	11.6	4.6	4.9	5.6	4.9	4.9	5.1	5.0
Mean	54.9	55.3	55.6	54.3	54.7	55.5	55.1	3.9	3.8	9.1	10.9	7.7	5.1	6.8	12.0	2.0	7.0	10.0	5.3	5.2	5.4	5.4	5.4	5.4	5.3

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h
1	97	92	60	67	74	65	76	—	0.2	—	0.0	E	0.8	W	5.0	WNW	6.2	NW	3.8	2.7	2.8
2	78	81	36	**28**	61	80	61	NNW	2.8	NW	1.2	NW	6.2	WNW	5.5	W	2.5	—	0.2	3.1	4.0
3	91	91	45	48	71	90	73	—	0.0	—	0.0	NNW	5.0	SSE	7.5	SE	3.5	ESE	7.3	3.9	4.3
4	92	91	92	61	62	62	77	ESE	8.8	ESE	6.7	NNW	4.2	NW	7.2	WNW	5.8	NNE	1.5	5.7	4.9
5	92	95	56	62	67	78	75	—	0.2	—	0.0	SE	1.7	ESE	8.0	SE	3.2	S	0.8	2.3	2.8
6	81	98	91	95	81	77	87	S	2.5	WSW	1.8	WNW	1.3	W	3.8	NNW	7.3	ENE	1.7	3.1	2.6
7	92	94	70	94	85	92	88	NNW	2.2	SW	0.8	S	3.5	SSE	6.2	SW	5.7	W	7.7	4.4	4.1
8	96	86	85	64	71	75	80	W	5.3	W	5.7	NNW	4.5	WNW	7.3	NNW	6.0	NNW	5.0	5.6	4.8
9	68	61	53	42	53	81	60	NNW	6.3	NW	7.5	WNW	6.0	WNW	7.8	NW	2.5	—	0.0	5.0	5.6
10	93	95	81	65	83	98	86	—	0.0	—	0.0	SSE	1.2	—	0.3	N	1.5	NW	3.0	1.0	1.0
11	89	87	62	53	85	82	76	NNE	1.2	E	1.5	NNE	1.7	N	0.8	S	4.5	—	0.2	1.7	2.0
12	65	61	52	57	66	57	60	NNW	6.7	NNW	6.8	WNW	8.5	NW	6.2	WNW	4.8	WNW	7.8	6.8	6.7
13	58	62	49	41	63	89	60	NW	6.8	NW	5.5	W	1.8	NNW	2.3	SSE	4.0	SE	1.3	3.6	3.1
14	89	95	93	68	63	69	80	—	0.0	—	0.5	NNW	2.3	NW	1.7	NNW	3.7	NNW	2.7	1.8	2.1
15	91	96	61	42	68	92	75	—	0.3	ESE	0.7	NNW	3.7	NNE	1.5	E	0.8	W	5.2	2.0	2.2
16	65	95	71	60	76	65	72	SW	5.3	NE	1.7	WSW	1.8	WNW	8.2	N	2.0	NNW	4.3	3.9	3.8
17	76	74	51	46	69	93	68	NE	1.3	NNE	0.8	SSE	2.5	SSE	5.2	SSE	5.3	SSE	0.7	2.6	2.8
18	96	96	42	31	60	86	69	NNW	0.8	NNW	0.7	SE	1.7	W	4.3	SE	5.5	—	0.0	2.2	2.2
19	88	94	70	83	72	81	81	—	0.0	—	0.0	SSE	3.3	S	4.0	NW	1.3	NNW	2.7	1.9	2.2
20	86	75	47	34	52	67	60	—	0.0	NNW	5.0	NW	4.0	WNW	6.0	NNE	2.0	NNW	1.2	3.0	3.2
21	90	90	65	68	78	83	79	W	1.3	—	0.0	S	5.7	SSE	7.8	SE	2.5	S	1.3	3.1	3.3
22	97	91	66	48	60	70	72	SSE	2.5	N	1.7	NNW	7.8	NNW	8.7	NW	**11.5**	N	2.7	5.8	4.9
23	91	87	51	53	64	91	73	—	0.0	WSW	0.8	SSE	4.8	SSE	6.0	SE	2.5	—	0.5	2.4	2.1
24	96	93	72	55	77	96	82	NW	1.0	—	0.0	SSE	3.8	SSE	8.3	S	3.3	ESE	4.2	3.4	3.4
25	97	78	61	60	66	66	71	E	2.2	W	0.8	W	3.7	WNW	2.5	WNW	3.2	NW	5.0	2.9	3.9
26	66	65	50	40	63	89	62	NNW	5.5	WNW	4.7	NW	8.3	NW	2.3	SE	5.0	SSE	4.7	5.1	5.4
27	93	95	81	94	98	98	93	SSE	3.3	SE	2.5	ESE	4.8	SE	3.3	SW	1.7	—	0.0	2.6	2.6
28	97	95	63	65	76	82	80	SSW	0.7	—	0.2	WNW	3.5	NW	4.3	WNW	5.5	—	0.5	2.5	2.5
29	89	59	56	44	43	58	58	ESE	1.0	NW	4.3	WNW	8.5	W	7.2	WNW	8.7	WNW	3.2	5.5	4.5
30	65	66	51	39	51	86	60	NW	4.5	NW	3.8	WNW	9.0	NW	9.5	NW	4.2	—	0.0	5.2	4.8
Mean	85	85	63	57	69	80	73		2.4		2.2		4.2		5.3		4.2		2.6	3.5	3.5

* Reduction: to standard gravity, −0.4; to mean sea level, +5.8

APRIL, 1949.

Day	DIRECTION AND SPEED OF CLOUDS ×						AMOUNT (0–10) AND FORMS OF CLOUDS							PRECIPITATION						
	2	6	10	14	18	22	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total
1	—	—W4	W7	W7	—	—	10 Sc	4 St,Sc,Ac	10 Sc,Ac	9 Ac,Sc	10 Sc,Cu	3 Sc	7.7	—	—	—	0.3	—	—	0.3
2	—	W7	—	—	—	—	4 Sc	6 Sc	1 Sc	2 Sc,Cu	10 Sc,Cs	4 Cs	4.5	—	—	—	—	—	—	—
3	—	—	—	—	—	—	0 —	10 Cs,St	10 Cs	10 As,Sc	10 St	10 Ns	8.3	—	—	—	—	—	2.9	2.9
4	—	—	—	W8	W8	W8	10 Ns	10 Ns	10 Ns	10 Sc,Ac	10 Sc	1 Sc	8.5	9.7	9.1	**20.3**	3.1	—	—	**42.2**
5	—	—	—	W8	—	—	2 Sc	2 Sc,St	3 Cu,Cs	7 Sc	10 Sc	10 Sc	5.7	0.1	—	—	—	—	—	0.1
6	—	—	—	—	—	W8	10 St	10 Ns	10 Ns	10 Sc	10 As,Sc	2 Sc	8.7	—	2.3	2.3	3.8	5.9	—	14.3
7	—	W8	W7	—	—	—	9 St,Sc	10 Ns,Sc	10 Sc,Cs	10 Ns	10 Ns	10 Ns	9.8	0.3	0.4	0.7	3.7	1.5	2.9	9.5
8	—	—	—	W8	W7	W8	10 Ns	10 Ns	10 Ns	10 Sc	10 Sc,Cs	10 Sc	10.0	1.8	2.0	0.4	0.0	—	—	4.2
9	W7	W8	W8	—	—	—	8 Sc	8 Sc	2 Cu	1 Cu	0 Sc	10 Cs	4.8	—	—	—	—	—	—	—
10	—	—	—	—	—	—	6 Cs,Ac,Cu	6 Sc	10 St	10 Ns	10 St	10 As,Sc	8.7	—	—	—	0.1	0.2	0.6	0.9
11	W8	W7	W7	—	—	—	6 Sc	4 Cs,Cu	10 Sc	10 As,Sc,Cu	10 As,Sc	10 St	8.3	—	—	—	—	—	—	—
12	—	—	—	W7	W7	W7	10 As	10 As,Sc	10 Cs,Sc	10 Cs,Sc	10 Cs,Sc	6 Sc	9.3	—	—	—	0.0	—	—	0.0
13	—	—	W8	W7	W7	—	5 Sc	4 Cu	4 Cu	6 Cu,Cs,Ci	10 Sc,Cs	4 Ci	5.5	—	—	—	—	—	—	—
14	—	—	—	—	W7	—	10 St	10 Ns	10 Ns	10 Sc	10 As,Sc	1 Cu	8.5	—	0.6	5.0	0.8	—	—	6.4
15	W7	—	W7	—	—	—	10 Sc	10 Sc,St	10 Sc	6 Cu,Cs	10 Cs,Sc	10 Ns	9.3	—	0.1	0.0	—	—	2.3	2.4
16	—	—	W7	W7	W7	—	6 St	10 Ns	8 Ns,St	5 Cu,Sc	9 Sc	3 Sc	6.8	0.1	2.3	3.6	0.0	—	—	6.0
17	—	—	—	—	—	—	1 Sc	4 Ci,Cs	8 Cc,Cs	4 Cc,Cs,Cu	1 Ac	0 —	3.0	—	—	—	—	—	—	—
18	—	—	—	—	—	—	0 —	4 Cs	10 Cs	10 Cs,Ac	10 As	10 St	7.3	—	—	—	—	—	—	—
19	—	—	—	—	—	W7	10 St	10 Ns	10 St,NS	10 Ns	10 Cs,Sc	3 Sc	8.8	—	0.2	0.2	0.3	1.2	—	1.9
20	—	W7	—	—	—	—	8 Sc	6 Cs,Sc	0 —	0 Cu	0 —	0 —	2.3	—	—	—	—	—	—	—
21	—	—	—	—	—	—	0 —	3 St	10 Cs,Ac	10 Sc,St	10 St	10 St	7.2	—	—	—	—	1.5	—	1.5
22	—	—	W7	W7	—	—	10 Ns	10 Ns	5 Sc	5 Sc	6 Sc	5 Sc	6.8	0.9	0.2	0.1	—	—	—	1.2
23	—	—	—	—	W7	—	10 Sc	10 As	10 As	10 As,Sc	10 Cs,Sc	0 —	8.3	—	—	—	—	—	—	—
24	—	—	S8	—	—	—	3 St	10 St	9 Sc,St	10 Cu,Cs	10 Cs,Sc	10 Ns	8.7	—	—	—	—	—	1.6	1.6
25	—	—	W7	W7	—	—	10 Ns	10 Sc	7 Sc	8 Sc	9 Sc	3 Sc	7.8	3.3	0.5	0.4	—	—	—	4.2
26	—	—	—	W7	—	—	4 Sc	4 Cs,Sc	0 Cu	1 Cu	9 Sc	10 St	4.7	—	—	—	—	—	—	—
27	—	W7	W7	—	—	—	10 St	10 St	10 Sc	10 Ns	10 Ns	10 Ns	10.0	—	—	0.0	0.1	8.5	7.7	16.3
28	—	W7	W7	W7	W8	—	10 Ns	10 Sc,St	10 Sc,As	10 Sc	10 Sc,As	4 Sc	9.0	11.5	3.0	—	—	—	—	14.5
29	—	W7	W7	W7	W8	—	8 Sc	7 Sc	10 Sc,St	10 Sc	2 Sc	3 Sc	6.7	—	—	—	1.0	—	—	1.0
30	—	W8	W7	W7	—	—	10 Sc	10 Sc	6 Cu	1 Cu	8 Cs	10 Cs	7.5	—	—	—	—	—	—	—
							7.0	7.7	7.8	7.5	8.5	6.1	7.4	27.7	20.7	33.0	13.2	18.8	18.0	131.4

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	6.32	(4.9)	2.1	⊟⁰, ⊔⁰*a*. ⚹⁰1205—1338.
2	9.89	3.8	2.4	⊟⁰, ◊²*a*,*p*. ◸1500—1530.
3	8.07	(7.9)	2.0	⊟¹, ⊔¹, ∞⁰*a*. ●⁰1925—
4	1.48	(2.1)	1.3	—●⁰—●¹0030—●⁰0924—1143.
5	9.48	(3.9)	1.5	⊟⁰, ⊔⁰, ∞⁰*a*. ●⁰0050—0118.
6	—	(1.1)	0.5	●⁰0232—1037,1100—1650.
7	4.85	(1.8)	0.4	●⁰0107—0132,0430…0614,0710—0720. ●⁰⚹⁰0736—⚹⁰0738—0748,0902—0942. ●⁰1140—⚹⁰2215—*
8	4.75	4.0	1.9	—⚹⁰—0756,0938…1143.—⊠—0921. *⌊◸2210—2240.⊠,⊠2250—
9	10.78	3.7	1.9	◊¹*a*,*p*.
10	1.74	(1.2)	0.6	⊟⁰, ⊔⁰, ∞⁰*a*. ●⁰1333…1520,1905…2150.
11	3.37	3.7	2.0	◊¹*a*. ◊⁰*p*.
12	5.75	(4.2)	2.7	◊¹*a*. ◊⁰*p*. ●⁰1307—1320. ◸0800.
13	11.06	(3.6)	1.2	◊²*a*,*p*.
14	1.88	(1.9)	1.0	●⁰0450—1223,1256—1348.
15	6.10	(3.4)	1.2	◊²*p*. ●⁰0518—0551,0735—0850,2025—2240.
16	6.48	(3.9)	1.4	⊟⁰*a*. ⚹⁰0430—,⊠,⊠0450—1123.—⚹⁰—1040. ◸1430.
17	10.59	4.3	1.5	◊²*a*,*p*.
18	10.78	(4.9)	2.2	⊟⁰, ⊔⁰, ◊⁰, ∞⁰*a*. ◊⁰, ∞⁰*p*.
19	—	(2.3)	1.4	●⁰0415—0650,0848…1610.
20	10.96	5.2	2.4	∞⁰*a*,*p*.
21	2.51	(3.3)	1.3	⊟⁰, ⊔¹, ∞⁰*a*. ≡⁰0510—0720. ●⁰1412—1445,2312—2322.
22	9.10	4.6	1.8	⌒⁰*a*. ●⁰0105—0250,0500—0710, ◸1010—1110,1140—1250,1350,1600,1700—1710,1800.
23	2.97	3.0	1.3	∞⁰*a*,*p*.
24	6.74	(4.3)	1.6	∞⁰*a*,*p*. ●⁰2134—2220,2234—
25	3.55	3.7	2.3	—●⁰—●¹0030—●⁰0110—0215,0310—●¹0320—●⁰0330—0340,0625—0705.0715—0735,0740—0810.0930…0945.
26	10.86	5.0	1.9	∞⁰*a*. ◊²*p*.
27	—	(2.3)	0.5	≡⁰0543—≡¹0557—≡⁰0710—0730,1055—●⁰1350—
28	—	2.3	1.5	◊⁰*a*.—●⁰—0355.
29	5.02	(4.2)	2.3	●⁰1107—1140. ◸1420,1500.
30	9.86	4.8	2.2	◊⁰*a*. ϒ⁰*a*. ◸1420.
Mean	5.83	4.0	1.6	

× See Page 3.

MAY, 1949.

Day	AIR PRESSURE (700mm+)° mm							AIR TEMPERATURE C°										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	61.0	60.6	59.3	56.0	54.8	52.5	57.4	1.1	1.5	13.2	13.8	10.0	10.4	8.3	14.5	**0.2**	7.4	14.3	**4.5**	4.6	5.0	5.2	8.5	9.1	6.2
2	50.3	48.8	48.6	48.0	49.2	50.7	49.3	10.8	10.5	14.0	12.4	10.4	8.4	11.1	15.6	8.2	11.9	7.4	9.4	9.3	7.9	6.2	6.0	6.3	7.5
3	51.2	51.6	53.1	53.4	53.9	55.6	53.1	8.0	7.8	11.8	13.8	9.9	8.6	10.0	14.4	6.3	10.4	8.1	6.3	6.4	5.7	5.1	4.6	4.8	5.5
4	56.6	58.1	58.5	57.6	58.0	58.6	57.9	8.6	8.2	16.0	17.0	13.0	8.4	11.9	18.3	7.0	12.7	11.3	5.1	6.3	5.9	5.5	6.5	7.5	6.1
5	58.3	59.1	59.1	57.1	56.6	57.3	57.9	5.1	5.7	12.0	18.4	17.4	14.0	12.1	20.1	4.8	12.5	15.3	6.1	6.3	7.4	8.1	7.9	8.7	7.4
6	54.4	52.2	50.1	48.3	47.8	48.4	50.2	11.6	11.3	12.8	16.8	16.2	14.1	13.8	18.8	10.9	14.9	7.9	9.3	9.5	10.3	11.6	10.6	8.2	9.9
7	46.4	46.0	45.7	**44.4**	45.5	46.3	45.7	15.0	13.5	19.3	22.8	17.8	12.8	16.9	24.0	10.6	17.3	13.4	6.7	7.9	8.9	7.6	7.9	7.5	7.8
8	45.5	45.6	**44.4**	45.9	49.0	52.6	47.2	9.6	13.0	17.8	10.8	10.4	7.6	11.5	19.3	6.0	12.7	13.3	7.4	7.9	7.3	7.1	5.8	5.1	6.8
9	53.4	54.3	54.3	52.7	53.1	54.9	53.8	5.3	7.1	15.9	23.1	18.7	11.5	13.6	24.0	1.9	13.0	22.1	5.6	6.2	5.8	6.1	9.8	8.5	7.0
10	54.9	54.9	54.1	51.6	51.8	53.1	53.4	6.9	8.0	23.5	28.9	22.1	13.2	17.1	**29.6**	4.7	17.2	**24.9**	7.1	7.5	9.7	9.3	8.8	9.3	8.6
11	53.5	54.8	54.1	52.8	54.2	56.1	54.3	9.6	10.0	24.0	28.3	22.3	14.4	18.1	29.2	6.7	18.0	22.5	7.4	7.7	8.5	10.6	10.1	10.3	9.1
12	56.1	55.9	54.3	51.7	50.9	49.8	53.1	10.8	11.6	24.4	25.0	18.8	15.9	17.8	27.4	9.5	18.5	17.9	9.1	9.5	10.9	9.9	11.4	11.4	10.4
13	48.5	49.9	50.4	50.3	50.2	49.5	49.8	15.0	15.9	21.5	25.3	20.7	17.9	19.4	25.6	14.8	20.2	10.8	12.0	12.8	**14.7**	13.7	13.6	14.4	13.5
14	49.1	49.7	48.8	47.8	48.1	48.4	48.7	16.8	17.0	20.9	18.7	14.6	11.0	16.5	21.8	8.9	15.4	12.9	13.9	13.7	10.3	12.1	11.6	8.7	11.7
15	50.0	51.5	52.7	52.5	54.0	55.6	52.7	8.2	8.8	12.8	16.8	14.3	6.9	11.3	17.1	5.6	11.4	11.5	7.1	5.9	6.6	6.6	7.6	6.9	6.8
16	54.9	55.6	56.9	57.7	59.6	61.9	57.8	6.3	10.0	14.0	19.3	15.0	9.8	12.4	19.9	5.1	12.5	14.8	6.8	6.5	7.2	6.3	5.8	6.3	6.5
17	63.4	**65.1**	64.2	62.7	63.1	62.7	63.5	3.9	6.5	17.9	21.7	16.3	13.6	13.3	23.0	2.7	12.9	20.3	5.7	6.2	7.5	8.8	7.7	9.7	7.6
18	61.4	61.8	61.7	59.6	58.7	59.3	60.4	13.8	14.2	17.4	21.3	18.5	13.6	16.5	22.2	11.5	16.9	10.7	10.4	10.5	12.3	10.1	10.9	10.7	10.8
19	59.0	59.3	58.1	55.1	55.1	55.4	57.0	10.4	13.6	20.9	25.1	19.2	16.2	17.6	26.0	10.2	18.1	15.8	8.9	9.6	12.8	11.9	13.0	13.0	11.5
20	52.7	52.2	51.7	50.4	49.7	50.8	51.3	16.0	15.6	16.4	17.0	17.7	13.2	16.0	19.5	11.0	15.3	8.5	13.0	12.9	13.0	12.3	12.9	11.0	12.5
21	50.2	51.7	52.2	50.9	52.9	55.9	52.3	10.0	13.2	19.9	24.8	16.6	11.2	16.0	25.5	9.5	17.5	16.0	9.0	9.0	10.6	8.5	9.3	8.4	9.1
22	55.8	56.6	56.0	54.6	54.8	56.2	55.7	8.3	9.0	19.1	23.3	16.6	13.1	14.9	23.4	6.0	14.7	17.4	7.8	8.3	10.3	9.0	8.5	9.8	9.0
23	54.4	53.7	53.3	52.2	51.7	53.1	53.1	13.4	14.8	17.4	17.5	15.4	14.1	15.4	18.9	12.9	15.9	**6.0**	10.1	10.4	11.2	9.7	10.0	11.1	10.4
24	52.6	53.2	52.6	51.0	51.3	50.9	51.9	13.4	14.0	21.9	26.6	19.2	15.9	18.5	26.8	12.8	19.8	14.0	11.1	11.4	12.0	11.6	11.6	10.8	11.4
25	49.6	49.6	49.5	48.6	50.0	51.3	49.8	14.5	15.3	23.1	23.5	18.7	15.2	18.4	24.7	12.6	18.7	12.1	11.2	11.2	12.0	13.0	12.8	11.9	12.0
26	51.6	51.4	51.5	51.1	52.6	53.2	51.9	11.0	13.0	19.3	22.0	16.0	12.5	15.6	22.6	10.8	16.7	11.8	9.6	11.0	9.0	8.7	8.3	8.7	9.2
27	53.3	54.1	54.5	54.4	55.4	56.6	54.7	10.0	13.5	17.0	17.5	14.0	12.0	14.0	18.9	9.2	14.1	9.7	8.0	8.6	7.7	7.9	8.2	9.0	8.2
28	56.3	56.5	56.0	54.9	55.3	57.2	56.0	8.2	11.0	19.2	22.5	19.9	11.9	15.5	23.6	7.1	15.4	16.5	7.7	8.7	8.2	8.0	10.6	8.9	8.7
29	57.6	58.7	58.8	57.1	57.7	60.0	58.3	7.8	10.2	21.2	26.1	21.1	14.6	16.8	26.6	6.4	16.5	20.2	7.9	8.0	8.8	8.2	10.5	11.1	9.1
30	59.7	60.5	60.1	58.8	58.1	58.4	59.3	10.8	12.6	22.6	23.2	19.3	14.0	17.1	23.4	8.9	16.2	14.5	9.2	10.3	11.3	9.1	8.5	10.7	9.9
31	57.7	57.6	56.7	55.9	56.1	56.7	56.8	10.5	12.2	19.9	22.1	17.5	15.7	16.3	22.7	9.4	16.1	13.3	9.0	9.4	10.3	8.5	9.7	10.8	9.6
Mean	54.2	54.5	54.2	53.1	53.5	54.5	54.0	10.0	11.2	18.3	20.8	16.7	12.6	15.0	22.2	8.1	15.2	14.0	8.5	8.8	9.3	8.9	9.3	9.3	9.0

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h
1	92	90	44	44	93	97	77	—	0.2	—	0.0	SSE	3.7	S	4.5	SE	2.5	SE	1.5	2.1	2.2
2	97	99	66	58	64	77	77	—	0.0	—	0.0	WSW	5.3	WSW	9.7	NW	9.0	NNW	7.2	5.2	4.4
3	79	82	55	43	50	58	61	NNW	1.0	WNW	1.7	NW	5.2	W	6.2	NW	1.8	NW	7.7	3.9	4.2
4	61	78	44	38	59	91	62	WNW	4.7	SSE	1.3	SE	2.5	WSW	4.2	SSW	1.5	—	0.5	2.5	2.2
5	93	91	71	51	54	74	72	N	0.7	—	0.0	—	0.2	—	0.5	SW	2.0	SSW	2.5	1.0	0.8
6	92	96	93	82	77	68	85	W	1.3	—	0.0	SSE	2.8	S	2.9	WSW	3.2	SSW	1.8	2.0	2.1
7	53	69	53	37	52	68	55	WSW	7.2	ENE	4.2	ENE	1.7	W	5.7	W	3.0	NNE	1.0	3.8	3.8
8	83	71	47	74	61	65	67	ENE	0.8	NNE	1.5	WSW	9.5	NW	5.5	WNW	5.8	NW	1.3	4.1	3.1
9	85	83	42	**29**	61	84	64	NE	1.7	E	2.0	ENE	2.3	E	1.5	NW	1.0	—	0.0	1.4	1.6
10	95	94	45	31	45	82	65	—	0.0	—	0.0	—	0.2	SSE	4.3	NE	1.7	—	0.0	1.0	1.3
11	83	85	38	37	51	84	63	WNW	1.0	SE	0.7	SE	1.7	W	7.0	W	5.3	SSE	1.2	2.8	2.2
12	94	93	48	42	71	85	72	—	0.2	—	0.0	SE	3.3	SSE	8.2	SSE	5.7	S	4.0	3.6	3.9
13	95	95	77	57	75	94	82	SSE	5.8	SSE	4.7	SSE	3.8	SSE	5.0	SSE	6.5	S	2.5	4.7	4.6
14	98	95	56	75	94	89	85	SSE	4.5	—	0.0	NNW	4.7	N	1.7	W	2.3	ESE	1.7	2.5	2.1
15	88	71	59	46	62	94	70	NNW	5.2	NNW	6.8	NNW	3.8	W	6.3	—	0.3	ESE	0.8	3.9	3.7
16	95	72	61	37	46	70	64	SSE	2.8	SSE	4.3	SW	6.0	WSW	**10.5**	W	5.7	NW	2.0	5.2	4.6
17	95	86	50	45	56	83	69	—	0.0	N	1.0	—	0.0	SSE	7.0	S	3.8	SE	0.8	2.1	2.5
18	89	87	83	54	69	92	79	—	0.0	—	0.0	—	0.3	SSE	5.8	SE	5.3	S	1.8	2.2	2.5
19	94	82	70	50	79	95	78	WNW	1.3	—	0.0	—	0.0	SE	6.8	SE	4.8	S	2.7	2.6	2.8
20	96	98	94	85	85	97	93	—	0.0	NE	2.5	NNW	1.0	NNW	3.3	ESE	1.7	—	0.0	1.4	1.4
21	99	80	61	36	67	85	71	—	0.0	N	0.8	—	0.3	SSW	1.2	SE	6.5	SSE	1.8	1.8	2.7
22	95	97	63	42	61	87	74	—	0.0	—	0.0	SSE	3.3	SSE	4.5	S	4.2	SSE	1.3	2.2	2.8
23	89	83	76	65	76	93	80	SSE	2.3	SSE	5.7	SE	6.7	SSE	8.5	SSE	5.5	S	0.8	4.9	4.2
24	97	96	61	44	70	80	75	NW	1.2	NW	0.7	NNW	2.0	—	0.2	SSE	3.7	SSE	3.3	1.9	2.4
25	91	87	57	60	80	93	78	—	0.0	—	0.5	SE	0.7	SSE	5.3	SE	3.3	SSE	3.5	2.2	2.7
26	99	99	55	44	61	81	73	—	0.0	NE	1.2	NNE	2.7	WNW	5.3	WNW	4.7	NE	1.0	2.5	2.2
27	87	74	53	53	69	87	71	NW	1.5	NNW	1.2	NW	5.5	NW	4.3	WNW	4.2	—	0.0	2.8	3.2
28	95	89	50	39	61	85	70	—	0.0	E	0.7	NNW	0.8	WNW	1.3	WNW	2.2	SSW	1.3	1.1	1.7
29	100	86	47	36	56	90	69	N	1.0	NW	0.8	—	0.0	S	4.8	SSE	5.7	SSE	3.0	2.6	2.1
30	96	95	56	43	51	90	72	—	0.5	—	0.0	SSE	2.3	ESE	8.3	ESE	4.3	S	2.7	3.0	3.1
31	96	89	60	43	65	81	72	—	0.0	NNW	1.2	ESE	2.0	SE	2.2	SE	5.8	SSE	3.0	2.4	3.0
Mean	90	87	59	49	65	84	72		1.4		1.4		2.7		4.9		4.0		2.0	2.7	2.8

* Reduction: to standard gravity, −0.4; to mean sea level, +5.7

MAY, 1949.

Day	DIRECTION AND SPEED OF CLOUDS ×						AMOUNT (0–10) AND FORMS OF CLOUDS							PRECIPITATION						
	2	6	10	14	18	22	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total
1	—	—	—	—	—	—	10 Cs	10 Cs	10 As	10 As	10 Ns	10 Ns	10.0	—	—	—	—	2.4	6.1	8.5
2	—	—	W8	W8	W8	—	10 Ns	10 Ns	10 Sc	10 Sc	10 Cs,Sc	10 As	10.0	4.6	0.3	0.1	—	—	—	5.0
3	—	W8	W8	W8	—	—	10 As	9 Sc,Ac	6 Sc	4 Cu	6 Sc	5 Sc	6.7	—	—	—	—	—	—	—
4	—	—	—	—	—	—	10 Cs,Sc	10 Cs,Sc	10 Cs	10 Cs	10 As	5 Cs	9.2	—	—	—	—	—	—	—
5	—	—	—	—	—	—	3 Cs	10 As	10 As,St	10 As	10 As	10 St	8.8	—	—	—	—	—	—	—
6	—	—	—	W7	—	—	10 Ns	10 Ns	10 Ns	10 Ns,Sc	10 Ns,Sc	10 Cs	10.0	0.3	1.9	6.0	0.1	0.4	0.0	8.7
7	—	—	—	W7	W7	—	10 Cs	6 Ci,Sc	6 Sc,Cu	4 Cu,Cs	5 Ac,Sc	7 Cs	6.3	—	—	—	—	—	—	—
8	—	—	W7	W8	W8	—	2 Cs	10 As,Sc	10 Cs,Sc	10 Sc,St	4 Sc	0 —	6.0	—	—	—	0.6	—	—	0.6
9	—	—	—	—	—	—	0 Ci	3 Cc,Sc	10 Ci,As	10 Ci,Cs,As	10 Cs,As	4 Cs	6.2	—	—	—	—	—	—	—
10	—	—	—	W7	—	—	0 —	0 Sc	0 —	7 Cs,Cu	3 Cs	4 St,Cs	2.3	—	—	—	—	—	—	—
11	—	—	—	W7	W7	—	2 Cs	2 Cs	10 Cs,Cu	9 Cs,Sc,Cu	10 Cs,Sc	10 Cs	7.2	—	—	—	—	—	—	—
12	—	—	—	—	—	—	10 Cs	10 St,Cs	10 Cs	10 Cs	10 As	10 As,Cu	10.0	—	—	—	—	—	—	—
13	—	—	—	W7	—	—	10 Ns	10 Ns	4 Cu,Sc	7 Cs,Cu,Ci	10 As,Cu	10 Cs	8.5	4.7	6.0	0.2	—	—	—	10.9
14	—	—	W7	S7	—	—	10 As	10 St	10 Ac,Sc,St	10 As,Sc	10 Ns	10 Ns	10.0	—	—	—	—	6.1	**13.4**	**19.5**
15	—	W7	—	W7	—	—	10 Ns	10 Sc,Cu	10 Sc	8 Sc	5 Cu	0 Cu	7.2	6.2	0.1	—	—	—	—	6.3
16	—	W7	W7	W8	—	—	5 Sc	8 Sc,St	7 Sc,Ns,Cu	4 Cu	5 Ci,Cs	2 Ci	5.2	—	0.1	1.2	—	—	—	1.3
17	—	—	—	—	—	—	2 Ci	3 Cs,Ci	10 Ci	10 Cs	10 As	10 As	7.5	—	—	—	—	—	—	—
18	—	—	—	—	—	—	10 St	10 St	10 St	8 As,Sc	6 As,Sc	6 Cs,As,Sc	8.3	—	—	—	—	—	—	—
19	—	—	—	—	—	—	10 As,Sc	10 St	3 Cs,Cu	4 Cs,Cu	10 As,St	10 As,St	7.8	—	—	—	—	—	—	—
20	—	—	—	—	—	—	10 St	10 Ns	10 Ns	10 Sc,St	1 Cu	0 —	6.8	—	3.4	7.5	3.3	—	—	14.2
21	—	—	—	—	—	—	0 —	7 Ci,Cs	4 Ci	10 Ci,Cs,Cu	6 Cs,Sc	10 Cs,As,Sc	6.2	—	—	—	—	—	—	—
22	—	—	—	—	—	—	10 Cs,As,Sc	10 ≡	3 Cs,Ci	5 Cs,Ci,Cu	10 Cs,As	10 As	8.0	—	—	—	—	—	—	—
23	—	—	S8	S8	S8	—	10 As,Sc	10 St,As,Sc	10 As,Sc	10 As,Sc	10 St	10 St	10.0	—	—	—	—	—	0.0	0.0
24	—	—	—	—	—	—	10 St	10 St,Sc	10 Cs,Cu	10 Cs,As,Cu	10 Cs,Cu	10 As,Sc	10.0	—	—	—	—	—	—	—
25	—	—	W7	—	—	—	10 As,Sc	6 Ac,Cs	6 Cs,Ci,Cu	10 As,Cu,Ns	10 As,Cu,Sc	5 Sc	7.8	—	—	—	0.2	0.4	—	0.6
26	—	—	W8	W7	—	—	10 ≡	10 ≡	7 Sc	6 Sc,Cu,Ac	9 As,Sc,Ac	3 Sc	7.5	—	0.4	—	—	—	0.0	0.4
27	—	W7	W7	W7	W7	—	2 Sc	3 Sc	6 Sc	6 Sc	7 Sc	6 Sc	5.0	—	—	—	—	—	—	—
28	—	—	W7	W7	—	—	0 —	2 Sc	5 Sc,Cs	4 Cu	2 Cu	2 Cs	2.5	—	—	—	—	—	—	—
29	—	—	—	—	—	—	1 Sc	2 Cs	0 Cu	0 Cu	1 Cs	0 —	0.7	—	—	—	—	—	—	—
30	—	—	—	—	—	—	0 —	10 Cs,St	10 Cs,Cu	10 Cs,Cu	9 Cs,Ac	5 Cs,Ac	7.3	—	—	—	—	—	—	—
31	—	W7	SSE7	W7	—	—	4 Ac	5 Cu,Ac	7 Sc,St,Cu	7 Cs,Ci,Cu	8 Sc,Cu,Cs	10 Sc	6.8	—	—	—	—	—	—	—
							6.5	7.6	7.5	7.8	7.6	6.6	7.3	15.8	12.2	15.0	4.2	9.3	19.5	76.0

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	3.60	(2.5)	1.1	⊟⁰⊔⁰∞⁰⊕⁰a.∞⁰p.●⁰1516—,◷¹010742.
2	4.38	4.7	1.7	—●⁰—0650,0758...0946. ◤1320—1330,1740.
3	6.73	4.9	2.5	∞⁰a.∞⁰,γ⁰p. ◤1520—1530.
4	6.30	2.8	1.3	∞⁰a,p.
5	1.22	(2.2)	1.0	∞⁰a,p.
6	0.58	(3.0)	1.9	●⁰0134—0930,0945—1025,1250...1425,1600—1815.◷¹173146.
7	10.95	5.9	2.3	◊⁰,∞⁰a,p. ◤0240—0310.
8	3.04	(2.9)	1.5	◊⁰p.●⁰1154—1225.
9	10.45	5.4	1.9	◊²a.◊¹,γ⁰,⏢⁰p.
10	12.00	7.2	3.2	⏢¹,∞⁰,◊⁰a.∞⁰,γ⁰p.
11	11.18	6.4	2.4	⏢⁰,◊⁰,∞⁰a,∞⁰p.
12	9.85	(6.7)	2.9	⏢⁰,∞⁰a.∞⁰p.●⁰2330—,◤1710.
13	6.54	5.3	1.9	◊⁰p.--●⁰—●¹0130—●⁰0142—0705.
14	—	(2.5)	1.4	●⁰1439—●¹1750—●⁰2100—
15	3.92	(3.4)	1.5	⏢¹p.—●⁰—0229.
16	10.41	5.7	2.2	⏢¹,◊¹a.◊¹p.●⁰0531—0535,0610—0622,0740...0955. ◤1220—1310,1330—1420.
17	10.80	5.3	2.4	⏢⁰,∞⁰,◊²a.◊⁰,∞⁰p.
18	3.20	3.9	1.7	∞⁰,⏢⁰p.
19	7.14	(4.8)	2.0	⏢⁰,∞⁰a.∞⁰p. *⌈0542.-⊤⁰E0553-,●⁰0557-0605.-⊤⁰NE0613.●⁰0625-●¹0626-●⁰0643-●¹0720-●⁰0736-1323.
20	1.79	(2.3)	0.9	⏢⁰a.◊¹.⏢¹p.⊤⁰W0430—,●⁰0448—●¹0452—,—⊤⁰Z0455—⌈⁰Z0457—,—●⁰0505—,—⌈⁰N0513-⌈⁰Z0535-,-●⁰-*
21	12.34	6.2	2.1	⏢¹,◊²a.◊²,γ⁰,⏢⁰p.
22	9.50	5.7	2.7	⏢¹,◊⁰,∞a.◊¹p.≡³0430—≡⁴0530—≡³0720—≡²0740—≡¹0810—≡⁰0830—0910.◷¹233704.
23	—	3.8	1.8	◊⁰p≡⁰.1945—2050.
24	9.60	6.3	2.0	◊¹a.⊕⁰,◊¹p.
25	8.56	(3.9)	1.9	∞⁰a.●⁰1350—1405,1434—1515.
26	6.94	6.6	2.8	◊⁰a,p.≡¹0140—,●⁰0315—0345.—≡²0350—≡¹0610—0648.◅⁰SW1950—2215.●⁰2105—2108.
27	8.52	5.5	2.0	⏢¹a.
28	12.06	6.1	2.3	⏢¹,◊¹a.◊¹p.
29	12.80	7.1	2.8	⏢¹,∞⁰a.◊⁰,∞⁰,⏢⁰p.
30	12.30	8.7	3.0	⏢¹a.
31	11.15	7.2	2.9	⏢¹,◊⁰,∞⁰a.◊¹p.
Mean	7.35	5.7	2.1	

× See Page 3.

JUNE, 1949.

Day	AIR PRESSURE (700mm+)° mm							AIR TEMPERATURE °C										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	56.6	57.6	57.4	56.3	56.5	57.5	57.0	15.3	16.3	21.3	23.0	17.7	12.6	17.7	23.5	11.9	17.7	11.6	10.8	11.5	10.3	9.6	10.6	10.1	10.5
2	57.2	58.0	57.4	55.4	55.9	56.2	56.7	10.3	11.1	17.8	21.3	14.6	9.6	14.1	21.7	8.6	15.2	13.1	9.1	9.0	9.0	10.0	8.8	8.1	9.0
3	55.6	55.4	53.8	51.4	50.9	53.0	53.4	6.6	8.1	14.8	22.2	15.7	11.0	13.1	22.7	6.2	14.5	**16.5**	7.1	7.8	7.9	9.3	9.1	8.2	8.2
4	52.4	53.4	53.2	51.3	52.9	53.9	52.9	10.0	9.8	16.2	20.3	15.2	12.1	13.9	21.9	8.6	15.3	13.3	7.0	7.4	8.0	9.5	9.4	9.4	8.5
5	53.6	55.2	55.4	54.9	55.3	55.2	54.9	11.9	11.2	15.3	16.3	13.9	12.6	13.5	16.7	11.0	13.9	5.7	9.5	9.5	10.5	10.9	10.3	9.9	10.1
6	54.8	55.0	55.5	53.9	53.8	55.2	54.7	11.7	12.2	15.7	20.1	17.8	14.7	15.4	21.1	11.7	16.4	9.4	9.8	10.1	11.1	11.6	13.1	11.5	11.2
7	54.4	54.3	54.1	52.3	52.4	52.4	53.3	14.1	13.9	18.2	22.4	17.2	13.0	16.5	22.7	11.9	17.3	10.8	11.1	10.8	10.4	10.9	10.3	9.8	10.6
8	51.4	51.8	51.5	50.8	52.4	54.8	52.1	10.5	12.0	18.7	21.3	14.1	7.6	14.0	21.9	5.4	13.7	**16.5**	8.9	10.0	10.1	10.0	7.6	6.7	8.9
9	54.6	55.3	54.8	54.3	54.4	54.7	54.7	3.9	8.3	15.3	15.8	12.7	11.7	11.3	17.3	**3.8**	10.6	13.5	**5.9**	7.1	6.9	7.2	7.0	7.8	7.0
10	53.9	53.9	53.1	52.0	50.9	50.6	52.4	11.5	11.6	15.9	15.6	13.6	12.3	13.4	17.1	11.2	14.2	5.9	9.3	9.2	9.4	10.3	9.8	10.2	9.7
11	49.9	50.0	49.8	49.4	50.2	51.1	50.1	12.6	13.4	19.5	20.8	16.5	16.1	16.5	22.7	12.5	17.6	10.2	10.1	10.6	12.0	13.7	13.0	13.1	12.1
12	50.5	51.6	51.6	51.5	52.0	53.3	51.8	15.4	16.1	20.6	21.2	19.3	14.7	17.9	22.7	13.9	18.3	8.8	12.7	13.1	12.7	11.7	10.4	10.9	11.9
13	53.7	54.0	54.1	52.9	52.8	53.6	53.5	13.1	15.2	20.8	24.1	19.5	16.3	18.2	24.5	12.5	18.5	12.0	10.9	11.7	10.4	11.5	12.8	11.1	11.4
14	53.1	53.3	52.9	51.2	51.1	53.1	52.5	14.3	15.1	20.5	23.2	20.0	17.5	18.4	24.1	14.2	19.2	9.9	11.4	11.8	12.4	13.5	13.9	13.2	12.7
15	52.3	52.8	52.6	52.2	52.4	52.7	52.5	17.1	17.9	19.3	21.1	19.1	18.5	18.8	21.4	16.9	19.2	4.5	13.5	13.5	13.5	13.8	14.1	14.1	13.8
16	51.7	52.2	52.0	50.0	50.2	51.1	51.2	17.6	17.1	19.1	20.7	19.7	17.5	18.6	21.2	16.9	19.1	4.3	14.1	14.1	13.9	14.3	13.8	14.0	14.0
17	51.4	52.8	53.8	53.0	53.6	55.6	53.4	16.2	16.4	20.9	21.7	19.0	17.0	18.5	23.5	16.2	19.9	7.3	13.2	13.0	13.8	13.7	14.4	13.1	13.5
18	56.0	57.1	57.9	57.0	57.3	58.3	57.3	16.5	16.9	18.1	23.1	20.0	17.7	18.7	24.1	16.4	20.3	7.7	13.1	13.1	13.5	13.7	13.8	12.8	13.3
19	58.0	58.5	58.5	58.1	57.5	56.2	57.8	16.8	17.3	19.2	18.4	16.8	15.9	17.4	19.5	15.7	17.6	3.8	13.4	13.6	13.2	13.5	13.2	12.8	13.3
20	54.6	54.0	54.4	55.0	56.4	57.7	55.4	15.5	15.8	16.6	17.7	17.1	16.0	16.5	17.8	15.4	16.6	**2.4**	12.8	12.9	12.9	12.7	12.8	12.9	12.8
21	57.6	**58.9**	58.3	57.5	56.6	54.8	57.3	15.3	15.0	15.9	16.1	15.5	15.0	15.5	17.2	14.8	16.0	**2.4**	12.4	12.2	12.5	12.6	12.8	12.5	12.5
22	51.4	49.9	48.6	46.6	46.4	47.9	48.5	14.7	15.4	16.0	21.9	21.9	15.9	17.6	23.3	14.1	18.7	9.2	12.4	12.7	13.2	14.9	**16.7**	12.1	13.7
23	48.4	49.0	49.5	49.0	50.5	52.1	49.8	15.2	15.1	18.1	19.3	19.5	17.1	17.4	20.4	14.8	17.6	5.6	11.6	12.4	14.0	14.8	14.5	12.5	13.3
24	52.6	54.1	54.8	54.5	55.3	57.2	54.8	15.6	16.5	20.1	23.4	17.7	15.3	18.1	**24.7**	14.2	19.5	10.5	11.6	10.8	10.9	11.3	12.4	11.7	11.5
25	56.8	57.9	57.3	57.3	57.4	58.4	57.5	15.3	15.6	21.0	21.8	16.9	13.5	17.4	22.4	13.5	18.0	8.9	12.0	12.1	11.6	11.7	10.5	9.8	11.3
26	57.9	58.2	57.6	56.4	57.0	57.7	57.5	13.9	13.9	16.7	21.0	18.4	15.0	16.5	21.5	13.0	17.3	8.5	10.3	10.9	10.6	10.7	11.3	10.2	10.7
27	57.4	58.2	57.5	56.8	57.0	58.4	57.6	13.2	13.2	19.1	21.1	18.0	12.7	16.2	22.1	12.2	17.2	9.9	9.8	9.8	11.1	12.2	11.4	9.9	10.7
28	57.8	58.6	58.6	57.5	57.0	57.8	57.9	12.7	13.0	18.1	22.4	19.9	15.1	16.9	22.7	12.3	17.5	10.4	9.8	10.0	11.0	11.9	11.1	10.2	10.7
29	57.1	57.2	56.5	54.6	54.0	54.8	55.7	12.6	13.8	18.3	23.4	21.2	18.1	17.9	24.3	12.2	18.3	12.1	10.4	10.1	12.2	13.8	14.1	13.9	12.4
30	53.8	52.7	51.7	50.0	48.4	**47.2**	50.6	18.1	18.3	21.7	21.4	18.2	17.1	19.1	23.4	17.1	20.3	6.3	14.0	13.9	14.9	13.9	14.6	14.1	14.2
Mean	54.2	54.7	54.5	53.4	53.6	54.4	54.1	13.6	14.2	18.3	20.7	17.6	14.6	16.5	21.7	12.6	17.2	9.0	10.9	11.2	11.5	12.0	11.9	11.2	11.4

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h
1	83	84	54	**46**	70	93	72	SSE	2.8	S	2.0	SSE	4.0	S	4.3	SE	6.5	SSE	3.0	3.8	3.3
2	97	92	59	53	71	91	77	SSE	1.0	—	0.0	S	2.7	SSE	4.3	SSE	6.5	SE	3.2	3.0	3.1
3	98	97	63	57	69	84	78	—	0.0	—	0.0	S	1.0	SSE	2.3	SSE	6.3	SSE	1.7	1.9	2.1
4	76	82	58	53	73	89	72	NE	1.3	—	0.0	SSE	0.8	S	3.8	SSE	8.2	SSE	4.7	3.1	3.1
5	92	96	81	80	87	91	88	SSE	1.0	NW	0.7	SSE	0.8	SSE	4.3	ESE	3.2	SSE	2.5	2.1	2.2
6	96	96	83	66	87	93	87	SSE	2.0	SSE	1.8	SSE	2.2	—	0.5	SSE	1.0	SE	1.8	1.6	2.0
7	93	91	67	54	71	88	77	—	0.0	NNW	1.7	—	0.5	SSE	4.2	SSE	5.3	SE	2.8	2.4	2.4
8	94	96	63	53	63	86	76	—	0.0	—	0.0	—	0.3	S	6.0	SSE	4.3	SSE	1.2	2.0	1.9
9	98	86	53	53	64	77	72	—	0.5	—	0.3	S	3.7	SSE	**8.3**	ESE	3.8	S	1.7	3.1	2.7
10	92	90	70	78	85	96	85	—	0.0	—	0.0	WSW	2.2	SSE	0.7	NNW	2.8	WNW	2.8	1.4	1.2
11	93	92	72	75	93	96	87	NNE	0.7	WNW	1.8	—	0.3	E	1.5	E	2.2	—	0.0	1.1	1.2
12	98	96	70	62	63	88	80	ENE	1.0	NNW	1.0	N	0.7	WSW	5.5	WSW	6.0	—	0.2	2.4	2.0
13	97	92	57	51	76	81	76	—	0.0	—	0.0	—	0.5	—	0.3	SE	3.3	SE	3.0	1.2	1.5
14	94	93	69	63	80	89	81	—	0.5	—	0.2	—	0.3	SE	5.2	SE	3.3	SE	2.3	2.0	2.2
15	93	89	81	74	86	89	85	SSW	1.7	SSE	1.7	SSE	3.5	SSE	4.0	SSE	3.2	SSE	3.2	2.9	2.6
16	94	98	85	79	81	94	89	—	0.0	—	0.0	S	2.5	SE	2.5	S	2.5	SE	2.5	1.7	1.4
17	96	94	75	71	88	91	86	—	0.2	SE	2.2	S	1.5	S	5.7	SSE	1.5	SSE	3.7	2.5	2.3
18	94	92	88	65	79	85	84	SSE	1.0	SSE	1.5	SE	1.5	SSE	2.7	SE	5.5	SSE	2.2	2.4	2.4
19	94	93	80	86	93	95	90	SSW	0.7	W	0.8	SE	3.7	SSE	1.5	—	0.0	—	0.0	1.1	1.4
20	98	96	92	84	88	95	92	NW	1.7	NNW	2.7	NW	2.5	NNW	1.5	—	0.3	—	0.0	1.5	1.7
21	96	96	93	93	98	99	96	—	0.3	—	0.0	SW	1.7	SSE	3.0	W	1.7	NNW	1.3	1.3	1.2
22	100	98	98	77	86	90	92	NW	2.0	NNW	0.8	NNW	2.7	—	0.0	S	1.5	WNW	2.2	1.5	1.4
23	90	98	91	89	86	86	90	—	0.5	—	0.0	SE	2.3	SSE	2.0	NNE	1.2	NW	2.5	1.4	1.3
24	88	78	62	53	82	90	76	N	1.2	N	3.3	N	1.0	—	0.5	SE	3.7	SE	3.2	2.2	2.6
25	93	92	63	61	74	85	78	—	0.0	SE	0.7	S	2.5	S	5.8	ESE	4.5	S	2.0	2.6	2.9
26	87	92	76	59	72	81	78	—	0.0	—	0.0	NW	1.5	NNW	2.7	NNW	3.2	NW	3.5	1.8	1.8
27	87	87	67	66	74	91	79	NNW	2.2	NW	1.7	SSW	1.7	SSE	5.3	SSE	4.0	SSE	1.3	2.7	2.6
28	90	90	71	59	64	80	76	ESE	2.2	—	0.0	S	1.8	S	5.7	SSE	4.2	SSE	3.2	2.9	2.7
29	96	86	78	65	75	90	82	—	0.0	—	0.3	—	0.3	S	4.2	SSE	5.0	SE	3.0	2.1	2.1
30	91	89	77	74	94	98	87	—	0.3	—	0.0	SSE	2.7	SE	4.2	SE	4.0	SE	4.0	2.5	2.8
Mean	93	92	73	67	79	89	82		0.8		0.8		1.8		3.4		3.6		2.3	2.1	2.1

* Reduction: to standard gravity, −0.4; to mean sea level, +5.6

JUNE, 1949.

Day	DIRECTION AND SPEED OF CLOUDS ×						AMOUNT (0–10) AND FORMS OF CLOUDS							PRECIPITATION						
	2	6	10	14	18	22	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total
1	—	W7	S7	—	—	—	10 St,Sc	5 Sc,Ci	8 Sc,Ci	1 Ci,Cu	0 —	0 —	4.0	—	—	—	—	—	—	—
2	—	W7	—	—	—	—	1 St	10 Sc	2 Cu	10 Cs,Sc	10 Cs,Sc	8 Cs,Sc	6.8	—	—	—	—	—	—	—
3	—	—	—	—	—	—	10 Cu	10 St	0 Ci,Cs	0 Cu	0 Cu	3 Cu,Cs	3.8	—	—	—	—	—	—	—
4	—	W7	—	—	—	—	10 Sc	9 Sc,St	2 Sc,Cu,Ci	5 Ac	2 Ac	10 St	6.3	—	—	—	—	—	—	—
5	—	—	—	—	—	—	10 St	10 St	10 Sc	10 Sc	10 St	10 St	10.0	—	0.1	0.0	—	—	0.0	0.1
6	—	—	—	W7	W7	—	10 St	10 St	10 St	7 Cu,Sc,Ac	8 Sc,Ns,Ac	10 St,Sc	9.2	2.5	0.1	0.0	—	0.3	—	2.9
7	—	—	W7	N7	N7	—	10 St	10 St,Sc	7 Sc,Cs,Cu	10 Cs,Cu,Sc	10 Cs,Sc	10 As,St	9.5	—	—	—	—	—	—	—
8	—	—	—	—	—	—	7 Sc	10 St	10 As	10 Cs,Sc	10 Cs	6 Cs	8.8	—	—	—	—	—	—	—
9	—	—	E8	E8	S7	—	6 Cs,Sc	10 Sc	8 Cc,Sc,Cs	10 Cs,Sc,Cc	10 Sc,Cc	10 Sc	9.0	—	—	—	—	—	—	—
10	—	—	—	—	—	—	10 St	10 St,Sc	10 Sc	10 Ns	10 St	10 St	10.0	—	—	—	0.4	2.0	0.7	3.1
11	—	—	—	—	—	—	10 Ns	10 Sc,St,Ac	6 Sc,Ac,Ci	9 Sc,Ns	10 Ns	10 Ns	9.2	0.1	0.2	—	1.2	48.5	0.4	50.4
12	—	—	—	—	W7	—	10 St	10 Sc	3 Cu,Sc	10 Sc,Cu	9 Sc,Cc	2 Sc,Cc	7.3	0.0	0.2	0.0	—	—	—	0.2
13	—	—	W7	W7	—	—	8 Ac	2 Sc,Cc	9 Sc	10 Cc,Sc,Cu	10 Cs,Sc,Cu	10 Cs,Sc	8.2	—	—	—	—	—	—	—
14	—	—	—	—	—	—	10 Cs	10 As	10 Ac,Sc	10 Cs,Cu	8 Ci,Sc	10 As	9.7	—	—	—	—	—	—	—
15	—	—	—	—	—	—	10 St	10 St,As	10 St	10 Sc	10 St	10 St	10.0	—	—	—	—	—	—	—
16	—	—	—	—	—	—	10 Ns	10 Ns	10 St	10 As,Sc	10 Cc,Sc	10 Sc	10.0	0.3	12.3	0.7	0.0	—	—	13.3
17	—	—	—	—	—	—	10 Sc	10 St	10 As,Sc	10 Sc	10 St,Ns	10 St	10.0	—	—	—	—	5.2	4.8	10.0
18	—	—	—	—	S8	—	10 St	10 As,St	10 St,Sc	8 Ci,Cu	10 Ci,St	10 St	9.7	—	—	—	—	—	—	—
19	—	—	—	—	N8	—	10 Sc,St	10 Sc,St	10 Sc,St	10 St	10 St	10 Ns	10.0	1.1	—	—	0.0	0.1	2.7	3.9
20	—	—	—	—	—	—	10 Ns	10 Ns	10 Ns	10 Ns	10 St	10 St	10.0	7.9	9.0	4.8	2.7	0.2	0.0	24.6
21	—	—	—	—	—	—	10 St	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	10.0	—	0.1	1.4	3.2	9.6	13.5	27.8
22	—	—	—	—	—	—	10 Ns	10 Ns	10 St	9 Cs,Sc	10 Sc	10 Ns	9.8	9.5	1.3	0.6	0.0	—	8.1	19.5
23	—	—	—	—	—	—	10 Ns	10 Ns	10 Ns	10 St	10 Sc	10 Sc	10.0	0.6	5.2	2.1	0.1	0.0	—	8.0
24	—	—	—	SW2	S8	—	3 Sc	6 Cs,Cu	3 Ci,Cu	7 Ci,Cs,Cu	10 Ci,St,Sc	10 St	6.5	—	—	—	—	—	—	—
25	—	—	E7	—	—	—	10 St,Sc	10 St,Sc	7 Ci,Cu,Sc	8 Cs,Sc	10 Cs,Sc	10 Sc	9.2	—	—	—	—	—	—	—
26	—	—	—	N7	—	—	10 St	10 As,Sc,St	10 Cs,Sc	8 Sc	6 Sc	5 Sc	8.2	—	—	—	—	—	—	—
27	—	—	—	—	—	—	10 As	10 Sc	10 Sc,Ci,Cu	10 Ci,Sc,Cu	10 Ci,Sc	7 CS	9.5	—	—	—	—	—	—	—
28	—	—	—	—	—	—	10 St	10 St	1 Ci	1 Cu	0 Cu	1 Sc	3.8	—	—	—	—	—	—	—
29	—	—	—	—	—	—	10 St	10 St	10 Sc	0 —	10 Ci	10 As	8.3	—	—	—	—	—	—	—
30	—	—	—	S8	—	—	10 As	10 St	10 St	10 Ns,Sc	10 Ns	10 Ns	10.0	—	—	—	0.0	2.3	12.8	15.1
							9.2	9.4	7.9	8.1	8.4	8.4	8.6	22.0	28.5	9.6	7.6	68.2	43.0	178.9

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	11.27	6.7	2.2	∞0, ◊ 0a,p.
2	9.70	5.6	1.9	⌓1,∞0a,∞0,⌓0p.
3	9.03	6.7	2.3	⌓1, ◊ 0,∞0a. ◊ 0,∞0,⌓0p.
4	9.16	(5.3)	1.8	◊ 2a.∞0p.
5	—	(1.8)	0.7	∞0a,p.≡0225—≡1042—≡0500—0700,1950—2110.●02215—
6	3.19	(3.0)	0.8	⌒0p.—●0—0140,0235—0247.≡0830—1100.●01602—1755.
7	8.85	6.1	1.8	◊ 0,⍃0p.
8	7.00	5.0	1.7	⌓0a.∞0,ϒ0,⌓0p.
9	8.24	(5.0)	1.9	⌓1,∞0a.∞0p.
10	—	(1.6)	0.7	∞0a.●00100—0120,1332—1618,1838—1915,2027—2122,2318—
11	5.02	(2.0)	0.9	—●0—0240,1340—●11345—●01347—1357.┬0S1423—1430.●01645—.┬0Z1709—⌈ζ0Z1713—,—●21720—,*
12	2.86	3.7	1.3	◊ 0a. ◊ 1,⌓0p.●00310…0515,0905—0912. *⌊—⌈ζ0SE1740—,—●11748—●01750—,—┬0E1815—⌈ζ0Z1825.*
13	9.54	5.0	1.7	⌓1, ◊ 0a.∞0p. *⌊—●0—2110,2140—2215.
14	6.68	4.8	1.6	⌓0,∞0a.∞0p.
15	0.45	(1.5)	0.8	∞0a,p.
16	0.96	2.3	0.8	∞0p.●00115—●10240—●00706—0926,1057—1111.
17	1.35	(4.9)	1.2	⌓0a.●01600…1620,1644—●21647—●11654—●01657—1745,1815—●11820—●01835—●21840—●11842—**
18	5.35	(3.1)	1.2	●12330—●02340— **⌊—●01845—●11847—●01850—1905,1915—1935.
19	—	(0.0)	0.6	—●0—≡0050—0150.●01346—1353,1411…2010—
20	—	(0.1)	0.4	—●0—1310,1350—1710,1725—1740,1815….1825.
21	—	(1.0)	0.2	≡0237—0410,0530—●00700—
22	0.95	(3.1)	0.6	◊ 0p.—●0—≡0250—●00827—≡10913—1036.●11840—●01930—2240.
23	0.30	(3.3)	1.2	●00120—0248,0450—●10520—●00614—0700,0755—0816,0950—1030,1245—1302,1320…1330,1440—1505.
24	12.20	5.7	1.5	⌓0, ◊ 2a. ◊ 1p.
25	8.76	4.9	1.6	◊ 0a.∞0p.
26	3.47	4.8	1.7	—
27	8.13	4.5	1.4	◊ 2,∞0a. ◊ 0∞0,⌓0p.
28	9.07	5.4	1.9	⌓0,∞0a.∞0p.
29	6.10	4.8	1.5	⌓1,∞0a.∞0p.
30	0.10	(3.3)	0.9	∞0a. ◊ 0p.●01345…1625—●12040—●02217—
Mean	4.92	5.1	1.3	

× See Page 3.

JULY, 1949.

Day	AIR PRESSURE (700mm+)° mm							AIR TEMPERATURE °C										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	44.8	43.8	44.3	45.2	47.0	48.9	45.7	17.2	17.7	19.7	17.9	17.3	16.4	17.7	21.1	16.3	18.7	4.8	14.1	14.5	14.9	13.2	14.2	13.4	14.1
2	50.1	52.5	52.8	53.1	53.8	54.6	52.8	15.9	15.9	19.0	19.4	17.2	15.1	17.1	20.2	14.7	17.5	5.5	13.1	13.1	13.0	12.9	12.7	11.5	12.7
3	54.4	55.7	55.8	55.0	55.3	56.1	55.4	14.3	14.8	16.2	17.7	15.6	13.6	15.4	18.3	12.0	15.2	6.3	11.5	11.1	11.4	12.1	11.2	10.8	11.4
4	55.5	55.9	55.3	54.8	54.8	56.2	55.4	10.5	12.7	19.0	22.9	21.5	15.5	17.0	24.1	**10.6**	17.4	13.5	**9.0**	10.2	11.1	13.2	12.8	12.0	11.4
5	55.7	56.5	56.0	54.8	54.3	54.9	55.4	14.5	14.8	19.6	23.4	21.0	18.3	18.6	24.1	13.5	18.8	10·6	12.0	11.7	13.2	14.3	14.5	13.7	13.2
6	53.9	52.7	51.8	49.8	47.5	45.1	50.1	18.5	20.2	21.5	20.3	19.1	17.9	19.6	22.3	17.9	20.1	4.4	14.1	14.8	15.8	15.1	15.7	14.0	14.9
7	**40.4**	40.7	41.8	42.1	44.1	45.7	42.5	19.2	18.4	17.9	18.9	17.5	16.7	18.1	19.7	16.4	18.1	3.3	12.7	13.1	13.5	12.6	12.5	13.5	13.0
8	46.1	48.0	48.9	48.3	49.0	49.3	48.3	16.3	17.6	21.8	24.1	22.5	17.1	19.9	24.5	16.2	20.4	8.3	13.1	13.1	12.7	12.9	13.6	13.5	13.2
9	49.1	50.3	51.0	51.8	52.3	53.7	51.4	16.4	17.8	20.9	22.0	20.7	17.4	19.2	22.5	15.3	18.9	7.2	13.2	12.6	13.3	13.6	14.1	13.9	13.5
10	53.4	53.8	53.6	52.4	53.1	54.1	53.4	17.1	17.3	22.5	25.8	22.3	18.1	20.5	26.3	16.7	21.5	9.6	14.1	13.3	12.5	14.2	15.3	12.7	13.7
11	53.1	53.7	53.8	53.1	54.0	54.7	53.7	17.6	17.9	20.5	26.0	22.8	21.1	21.0	26.1	17.6	21.9	8.5	14.4	14.9	15.5	16.6	17.1	17.2	16.0
12	54.4	55.2	55.8	54.9	55.6	56.7	55.4	20.9	20.9	24.8	26.7	24.2	21.7	23.2	28.2	20.7	24.5	7.5	17.6	17.9	18.3	20.6	18.8	18.3	18.6
13	56.0	55.5	55.9	55.0	55.1	55.7	55.5	21.5	21.7	21.5	22.7	22.9	21.3	21.9	22.9	20.2	21.6	**2.7**	18.6	18.7	18.6	19.4	19.5	18.0	18.8
14	55.4	55.5	55.5	55.4	54.9	55.9	55.4	18.9	18.9	24.5	23.5	22.3	21.3	21.6	25.2	18.2	21.7	7.0	15.1	15.5	17.9	18.9	19.2	17.0	17.3
15	55.4	56.3	56.7	55.8	55.2	56.3	56.0	20.1	20.1	21.3	23.9	24.3	23.3	22.2	24.8	20.1	22.5	4.7	16.9	16.9	17.6	19.6	20.6	19.1	18.5
16	56.3	56.4	57.0	56.1	55.9	56.4	56.4	21.0	21.4	26.2	26.5	25.5	21.3	23.7	27.5	19.3	23.4	8.2	16.7	17.9	17.9	18.1	18.1	17.2	17.7
17	55.6	56.4	55.2	53.3	53.5	54.5	54.8	18.6	20.1	28.9	32.2	28.5	23.3	25.3	33.4	17.6	25.5	**15.8**	15.4	16.7	18.3	18.9	20.0	18.9	18.0
18	54.0	54.5	54.5	52.6	52.3	52.8	53.5	20.7	21.6	30.2	33.5	30.5	25.5	27.0	**33.9**	19.3	26.6	14.6	16.8	17.3	21.2	19.0	20.8	21.4	19.4
19	52.8	53.5	53.2	52.3	52.4	52.9	52.9	24.1	24.3	29.3	28.7	27.9	24.1	26.4	31.9	23.4	27.7	8.5	21.4	21.4	20.4	**24.1**	23.2	21.2	22.0
20	52.1	53.3	53.9	53.9	54.4	55.2	53.8	22.7	22.7	26.7	27.7	27.0	24.3	25.2	28.1	22.4	25.3	5.7	19.8	20.1	20.6	21.7	21.0	21.2	20.7
21	54.8	54.9	54.9	54.1	54.7	55.2	54.8	23.8	23.9	28.0	28.8	28.3	24.1	26.2	29.8	23.1	26.5	6.7	21.4	21.3	21.7	20.2	20.4	20.3	20.9
22	53.7	53.7	53.1	52.3	51.9	52.4	52.9	22.4	22.7	27.6	28.5	27.1	24.6	25.5	29.5	22.3	25.9	7.2	19.5	20.1	18.9	20.6	19.7	19.9	19.8
23	51.4	52.1	52.4	51.9	52.6	52.8	52.2	23.1	22.9	28.1	30.9	26.5	24.2	26.0	31.1	22.5	26.8	8.6	19.3	19.5	21.4	18.8	19.3	19.2	19.6
24	52.9	53.5	55.1	54.8	55.7	56.1	54.7	23.3	23.8	24.6	23.8	21.9	20.6	23.0	25.3	20.4	22.9	4.9	19.5	19.5	20.1	19.7	18.3	16.5	18.9
25	55.4	55.4	55.0	53.5	54.3	55.6	54.9	20.1	20.0	21.7	22.8	20.7	19.7	20.8	23.1	19.8	21.5	3.3	16.1	16.8	17.9	19.5	15.5	16.3	17.0
26	54.6	55.5	55.4	54.8	54.0	55.2	54.9	19.5	19.1	23.2	24.3	21.8	20.1	21.3	25.3	19.0	22.2	6.3	15.7	15.7	16.1	16.7	16.1	15.8	16.0
27	54.0	54.4	54.5	54.1	54.1	55.0	54.4	19.1	19.3	21.9	23.0	22.8	21.7	21.3	23.9	18.8	21.4	5.1	14.6	14.8	17.1	17.6	17.5	17.7	16.6
28	54.5	55.5	56.0	55.3	55.7	56.9	55.7	21.3	21.9	27.1	28.8	25.9	24.5	24.9	29.5	21.3	25.4	8.2	18.4	19.3	19.4	19.1	20.2	19.5	19.3
29	56.3	56.7	56.6	54.9	54.6	54.9	55.7	23.8	23.9	27.3	28.2	26.5	24.5	25.7	29.1	21.6	25.4	7.5	19.9	20.7	21.6	22.2	21.9	21.0	21.2
30	53.1	56.3	56.9	57.0	58.3	**58.9**	56.8	20.7	19.3	22.4	21.0	18.0	17.4	19.8	24.6	17.0	20.8	7.6	16.6	14.6	15.6	16.0	14.6	13.6	15.2
31	58.4	58.3	58.2	57.4	56.4	56.8	57.6	17.0	17.5	20.5	21.7	20.2	19.2	19.4	22.1	16.8	19.5	5.3	13.4	13.5	13.7	15.2	15.5	15.8	14.5
Mean	53.1	53.8	53.9	53.2	53.4	54.2	53.6	19.4	19.7	23.4	24.7	22.9	20.4	21.7	25.8	18.4	22.1	7.3	15.9	16.1	16.8	17.3	17.2	16.6	16.7

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h
1	96	96	87	87	96	96	93	SSE	4.0	—	0.0	NNW	1.8	NNE	1.0	—	0.0	NE	0.7	1.3	1.4
2	98	98	80	77	87	90	88	WNW	1.0	—	0.5	—	0.2	S	1.7	SE	3.2	SSE	2.3	1.5	1.7
3	95	89	84	80	84	94	88	S	1.7	S	1.0	SSW	2.8	S	2.5	S	3.2	S	1.7	2.2	2.0
4	96	93	68	63	67	92	80	—	0.0	—	0.0	—	0.3	SSE	4.3	SSE	5.0	SSE	1.7	1.9	2.0
5	97	94	78	67	79	88	84	—	0.0	—	0.0	—	0.5	SE	5.8	SSE	5.3	ESE	2.0	2.3	2.6
6	89	84	83	85	96	92	88	SE	2.3	ESE	5.5	SE	6.2	SE	**7.5**	NW	1.5	NNW	5.0	4.7	4.3
7	77	83	89	78	84	95	84	NW	7.7	NNW	5.8	N	4.3	NNW	6.7	NNW	3.2	E	0.7	4.7	4.4
8	95	88	65	58	67	93	78	—	0.0	ENE	1.3	NNW	2.0	NNW	2.7	NNE	1.7	NE	0.8	1.4	1.3
9	95	83	72	70	78	94	82	NNE	1.3	N	2.0	NNW	3.3	NNW	1.7	—	0.2	SE	1.3	1.6	1.9
10	98	91	61	58	77	83	78	SE	1.3	—	0.2	SSE	0.8	SE	1.5	SSE	4.7	SSE	4.3	2.1	1.8
11	96	98	86	66	83	92	87	ESE	2.5	ESE	0.8	—	0.0	SSE	3.7	SSE	3.5	SSE	2.0	2.1	2.4
12	96	98	79	79	84	95	89	—	0.0	—	0.0	—	0.2	SE	2.2	SE	3.8	SE	2.0	1.4	1.6
13	98	97	98	95	94	96	96	SSW	1.5	—	0.0	NNW	1.0	—	0.0	—	0.5	NW	0.8	0.6	0.7
14	93	96	78	88	96	90	90	—	0.5	—	0.2	E	1.0	NNW	1.8	SE	1.2	—	0.0	0.8	0.7
15	97	97	94	89	91	90	93	—	0.0	N	0.8	—	0.0	—	0.0	—	0.0	NW	1.8	0.4	0.3
16	90	95	71	70	75	92	82	NNE	1.2	—	0.0	NNW	3.2	NNW	3.8	NNW	2.5	—	0.2	1.8	1.5
17	97	96	62	53	69	89	78	—	0.0	—	0.0	—	0.0	—	0.0	NW	3.5	—	0.0	0.6	0.4
18	92	91	66	**49**	64	88	75	—	0.5	NNW	1.2	—	0.0	—	0.2	NNW	2.0	S	1.2	0.9	1.1
19	96	95	67	83	83	95	87	—	0.0	—	0.0	S	1.3	WSW	3.2	S	1.2	S	0.7	1.1	1.0
20	97	98	79	79	79	94	88	SE	1.0	SW	0.7	—	0.0	—	0.2	NE	1.0	SSE	2.0	0.8	0.8
21	98	97	77	69	71	91	84	—	0.0	—	0.2	—	0.3	SW	1.2	NE	0.7	SSE	3.2	0.9	0.9
22	97	98	69	71	74	86	83	—	0.3	—	0.0	—	0.5	NNW	2.2	WSW	1.3	—	0.2	0.8	0.9
23	92	94	76	57	75	86	80	—	0.0	—	0.0	—	0.0	SW	3.0	NNE	2.2	—	0.0	0.9	1.1
24	92	89	87	90	94	91	91	—	0.0	—	0.5	NE	1.5	NNE	0.8	SSE	2.5	SSE	2.3	1.3	1.4
25	92	97	93	95	85	96	93	SE	1.7	SE	2.2	SSE	3.3	SSE	1.3	NNW	4.3	—	0.2	2.2	2.4
26	93	96	76	74	84	90	86	—	0.0	—	0.0	SE	2.2	S	5.5	SSE	3.0	SE	3.5	2.4	2.2
27	89	89	88	84	85	92	88	SE	2.7	SE	1.7	SSE	2.7	SSE	4.9	SSE	3.7	S	2.1	3.0	2.5
28	98	99	73	65	82	86	84	—	0.2	—	0.2	SSE	4.6	SE	8.8	SSE	5.5	SSE	5.1	4.1	3.3
29	91	94	80	78	85	92	87	SSE	6.3	SSE	1.6	SSE	5.1	S	3.3	SSE	3.9	—	0.4	3.4	3.0
30	91	88	77	86	95	92	88	NW	1.5	NW	4.6	SE	1.0	SE	7.2	SSE	3.7	SSE	3.7	3.6	3.1
31	93	91	76	79	88	96	87	SE	3.1	SE	1.6	SSE	1.6	S	4.5	S	3.1	SE	1.8	2.6	2.3
Mean	94	93	78	75	82	92	86		1.4		1.1		1.7		3.0		2.6		1.7	1.9	1.8

* Reductian: to standard gravity, −0.4: to mean sea level, +5.5

JULY, 1949.

Day	DIRECTION AND SPEED OF CLOUDS ×						AMOUNT (0–10) AND FORMS OF CLOUDS							PRECIPITATION						
	2	6	10	14	18	22	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Mean
1	—	—	—	—	—	—	10 Ns	10 St,Ac	10 St	10 Ns	10 Ns	10 Ns	10.0	**7.9**	0.5	0.1	3.0	3.9	1.0	**16.4**
2	—	—	—	—	—	—	10 St	10 Ns	10 Sc	10 Sc,St	10 As	10 As	10.0	0.4	1.0	0.1	0.0	0.0	—	1.5
3	—	—	—	—	—	—	10 As	8 St	10 St,Sc	10 Ns,Sc	10 Ac,Ns,Sc	7 Ac,As	9.2	0.1	0.0	0.0	0.0	0.2	0.0	0.3
4	—	—	—	—	—	—	5 Cs	5 St	1 Ac,Sc	0 Sc,Cu	1 Sc	1 Sc	2.2	—	—	—	—	—	—	—
5	—	—	—	W8	—	—	8 Sc	10 St	7 Sc,St	10 Cs,St,Sc	10 Sc	10 Sc	9.2	—	—	—	—	—	—	—
6	—	—	—	—	—	—	10 Sc	10 Sc,Cs	10 Sc,St	10 Ns	10 Ns	10 Ns	10.0	—	—	1.2	0.2	6.2	3.5	11.1
7	—	—	—	—	—	—	10 Sc	10 Ns	10 Ns	10 Sc,St	10 As,St	10 St	10.0	0.1	0.2	1.6	0.4	—	—	2.3
8	—	W8	W8	—	S7	—	10 Sc	9 Sc	7 Sc	6 Sc,Ci	7 Sc	0 Cs	6.5	—	—	—	—	—	—	—
9	—	—	—	—	—	—	0 Ac	9 Sc	10 As,Sc	10 As,Sc	10 Ns,Sc	10 St	8.2	—	—	—	—	—	0.6	0.6
10	—	—	—	—	—	—	10 St	4 St	1 Cu	2 Sc,Cu	8 Cs,Sc,St	9 Cs,Ac,Sc	5.7	—	—	—	—	—	—	—
11	—	—	—	—	—	—	10 St	10 St	10 Sc	9 Cc,Sc	10 Sc	10 Sc	9.8	0.1	0.2	0.1	—	—	—	0.4
12	—	—	—	—	—	—	10 St	10 St	10 Ci,Cc,Sc	10 Ns,St,Sc	10 St,Sc	10 Ns	10.0	—	—	—	0.0	0.1	4.0	4.1
13	—	—	—	—	—	—	10 Ns	10 St	10 Ns	10 Ns	10 Cs,Sc,St	10 St	10.0	2.8	0.3	1.0	5.3	3.2	—	12.6
14	W2	—	—	—	—	—	10 Cc,St	10 Sc	10 Sc	10 Ns	10 Ns	10 St	10.0	—	—	—	1.0	2.0	0.2	3.2
15	—	—	—	—	—	—	10 Ns	10 St	10 Ns,Sc	10 St,Sc,Ci	10 Sc,St,Cc	2 Cu	8.7	0.0	0.8	5.6	0.4	—	—	6.8
16	—	—	W8	W8	—	—	3 Cs,Cc,Ci	7 Sc	9 Sc	9 Sc	2 Sc	0 Sc	5.0	—	—	—	—	—	—	—
17	—	—	—	—	—	—	0 —	3 St	0 —	1 Cu	2 Cs,Sc	3 Cs	1.5	—	—	—	—	—	—	—
18	—	—	—	—	—	—	0 —	1 Cs	0 Cc	2 Ci,Cu	9 Ci,Cc,Cu	5 Cs	2.8	—	—	—	—	—	—	—
19	W5	—	—	—	—	—	10 Ac	10 Cs,Sc	10 Cs	10 Ns	10 Ac,Ns	10 St	10.0	—	—	—	0.6	0.3	0.9	1.8
20	—	—	—	—	—	—	10 Sc	10 Ac,St,Sc	10 Sc	10 Sc	10 Sc	10 Sc	10·0	—	7.1	—	0.1	0.0	—	7.2
21	—	—	—	—	—	—	10 Ns	10 ≡	10 Sc,Ci	10 Sc,Ci,Ac	10 Ci,Cu	0 —	8.3	0.3	0.4	—	0.0	—	—	0.7
22	—	—	W7	W7	W8	—	5 Cs	10 ≡	10 Sc	10 Cs,Sc	10 Cs,Sc	10 Sc	9.2	—	—	—	—	—	—	—
23	—	W7	—	W7	W7	—	10 Sc	10 Sc	10 Sc,Cc	10 Sc,Cc	10 Sc	8 Sc	9.7	—	—	—	—	—	—	—
24	—	—	—	—	W8	—	10 Sc	10 Sc	10 Ns,Sc	10 Ns,Sc	10 St,Ac	10 St	10.0	—	0.0	0.4	1.1	0.5	—	2.0
25	—	—	—	—	W7	—	10 Ns	10 St	10 St	10 Ns	10 Sc	10 St	10.0	0.7	0.0	—	5.4	6.8	—	12.9
26	—	—	—	—	—	—	10 St	10 St	8 Sc	10 Cs,Sc,Cu	6 Cs,Sc	10 St	9.0	—	—	—	—	—	—	—
27	—	—	—	—	—	—	10 Sc	10 St	10 St	10 St	10 St,Sc	10 St	10.0	—	—	0.0	—	—	—	0.0
28	—	—	S7	—	—	—	10 St	10 St	10 Cs,Sc,St	10 Ci,Cu	10 Cs,Sc,St	10 Sc	10.0	—	—	—	—	—	—	—
29	—	S8	S8	S8	—	—	6 Sc	10 Sc	10 Sc	10 Sc	8 Sc	10 Sc	9.0	—	—	—	—	—	—	—
30	—	—	—	—	—	—	10 Sc,St	9 Sc,St	10 As,Cu,St	10 As,St,Sc	10 St	10 St	9.8	—	1.3	—	—	—	—	1.3
31	—	—	—	—	—	—	10 St	10 St,Sc	10 St	10 St	10 St	10 St	10.0	—	—	—	—	—	—	—
							8.3	8.9	8.5	8.7	8.8	7.9	8.5	12.4	11.8	10.1	17.5	23.2	10.2	85.2

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	0.53	(0.7)	0.5	—●⁰—0420,0628—0647,1215—1919,2035—
2	—	(1.9)	0.8	—●⁰—0050,0243—0820,1145—1210,1300—1320.≡⁰1510—1540.●⁰2315—2330.
3	0.30	(1.9)	0.7	∞⁰*a*.≡⁰0540—0610.●⁰1050…1825.
4	11.03	5.3	1.8	⌓¹*a*.∞⁰,⌓¹*p*.
5	7.81	(5.8)	1.8	⌓¹*a*.∞⁰,⋃⁰*p*.
6	1.42	(2.7)	1.4	◊⁰*a*.●⁰0825…1400—●¹1650—●⁰1825—2230.
7	—	(3.0)	1.1	●⁰0530—1110. ◸0030.
8	8.64	5.5	1.9	⌓¹*p*.
9	0.65	(3.8)	1.1	⌓¹,◊¹*a*.◊⁰*p*.●⁰1810—2113.
10	11.61	(5.2)	1.7	◊⁰*a*.◊⁰,∞⁰*p*.
11	2.67	3.7	1.1	∞⁰*a*.∞⁰,⟓⁰*p*.≡¹0040—0130.●⁰0400—≡¹0433—≡⁰0740—0940.
12	1.73	(3.2)	1.0	⌓⁰,∞⁰*a*.≡¹0310—≡⁰0640—0710.●⁰1345…1415.●¹1441—1442.●⁰1930—●¹2000—2005.●⁰2025—●¹2038—*
13	—	(1.2)	1.5	—●⁰—0330,0749—≡⁰0754—●⁰0927—●¹1047—●⁰1100—●¹1530—●⁰1550—1606. *⌊●⁰2041–●¹2250–●⁰2254–
14	0.32	(0.5)	0.5	●⁰1050—1240,1253—2010.
15	0.38	(2.5)	0.5	∞⁰*p*.●⁰0155—0420,0613—1217.
16	5.32	4.1	1.5	⌓¹*p*.
17	13.10	6.6	2.0	⌓¹*a*,*p*.≡²0510—0640.
18	12.64	6.4	2.1	⌓¹,◊⁰,∞⁰*a*.◊¹,∞⁰,⌓¹*p*. **⌈–●⁰–1359.–⊤⁰WSW1622–⊤⁰S1648–,●⁰1737–1814.–⌈⁰W1850–2045.●⁰2055–2143.
19	5.78	(4.0)	1.3	∞⁰*a*.≡¹0400—0720.⊤⁰WSW1216—⊤⁰W1252—⊤⁰NNW1303—,●⁰1330—,—⊤¹Z1337—1343.⊤⁰S1356—,**
20	1.12	(2.8)	0.9	∞⁰*a*.⌓¹*p*.●¹0340—●²0342—●¹0410—0451,●⁰1310—1335,1413—1425.
21	3.67	(3.2)	1.0	∞⁰*a*.◊⁰,∞⁰,⌓⁰*p*.●⁰0020—0315.≡¹0430—≡⁰0530—0635.●⁰1302—1345.
22	4.33	4.4	1.4	≡⁴0340—≡²0645—0730.
23	1.70	(4.1)	1.7	∞⁰*a*.⌓⁰*p*.
24	—	(1.1)	0.7	⌓⁰*a*.●⁰0215…0225,0846…1350—●¹1408—●⁰1412…1755. ***⌈—●¹1509—●²1510●¹1515—●⁰1530—1537.
25	—	(1.8)	0.6	●¹0153—●⁰0156—0208,1148—1210,1323—●¹1327—●²1334—●¹1336—●⁰1338—1428,1456—***
26	7.30	4.3	1.3	⌓⁰*p*.
27	—	2.6	0.8	⌓*a*.≡⁰0755—0915.
28	8.47	6.1	2.2	—
29	2.30	(3.9)	1.5	—
30	1.55	2.5	0.9	◊¹*a*.◊⁰*p*.◺⁰E0130—Z0230—0345.●⁰0420—●¹0440—●⁰0450—0545.≡⁰1540…1755.
31	0.64	3.2	1.0	—
Mean	3.71	4.6	1.2	

× See Page 3.

AUGUST, 1949.

Day	AIR PRESSURE (700mm+)* mm							AIR TEMPERATURE °C										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	55.9	55.3	54.9	53.1	53.6	55.0	54.6	18.9	19.7	25.9	27.9	24.1	22.1	23.1	28.4	19.0	23.7	9.4	15.5	15.9	18.4	18.6	17.6	18.5	17.4
2	53.8	54.7	55.3	55.1	55.2	55.6	55.0	21.4	21.0	23.8	22.9	21.5	19.4	21.7	25.7	19.4	22.6	6.3	17.9	17.1	18.1	17.3	16.1	15.4	17.0
3	55.1	56.0	55.9	54.4	54.2	55.3	55.2	19.2	19.1	23.9	27.3	23.9	19.3	22.1	28.2	18.8	23.5	9.4	15.3	15.7	15.4	15.8	17.6	15.4	15.9
4	55.0	55.4	55.2	53.3	53.1	54.1	54.4	19.3	19.2	25.4	29.9	27.1	22.0	23.8	29.9	18.6	24.3	11.3	15.9	16.0	14.8	17.2	18.8	17.8	16.8
5	53.6	54.0	53.9	52.8	53.3	54.5	53.7	21.1	20.8	27.4	29.0	26.6	24.0	24.8	29.8	20.7	25.3	9.1	17.8	17.8	17.4	19.8	17.6	16.8	17.9
6	54.7	55.0	55.1	53.9	54.6	56.9	55.0	21.0	22.7	28.7	31.3	26.5	21.9	25.4	32.3	20.1	26.2	12.2	16.7	17.8	18.4	19.5	19.9	17.5	18.3
7	56.4	56.7	56.6	55.1	55.4	56.7	56.2	21.3	21.9	26.5	30.7	25.4	22.3	24.7	31.7	21.3	26.5	10.4	17.6	18.3	18.7	16.6	20.5	18.5	18.4
8	56.4	56.7	57.2	55.6	55.1	56.7	56.3	22.6	22.6	27.3	31.2	27.0	23.7	25.7	31.3	21.8	26.6	9.5	19.3	19.3	19.5	18.6	21.5	20.0	19.7
9	56.5	57.6	57.4	56.1	56.3	57.6	56.9	23.4	22.4	27.4	33.4	29.8	23.7	26.7	34.2	21.9	28.1	12.3	19.9	18.5	20.0	16.9	23.1	19.8	19.7
10	57.0	**58.0**	57.4	55.8	56.0	56.9	56.9	20.0	20.0	28.9	34.2	28.5	22.3	25.7	**34.6**	18.6	26.6	**16.0**	16.0	16.8	18.4	18.1	20.6	17.7	17.9
11	56.5	56.3	54.9	53.0	51.8	52.5	54.2	19.4	19.6	25.9	31.5	29.4	23.3	24.9	33.1	18.1	25.6	15.0	16.0	16.8	19.0	16.1	**23.9**	19.9	18.6
12	51.3	52.7	51.6	49.8	49.1	50.8	50.9	20.9	19.5	28.5	32.3	28.1	23.1	25.4	32.7	18.8	25.8	13.9	17.7	15.9	18.6	18.0	20.4	18.9	18.3
13	50.1	51.1	50.4	48.9	49.4	51.2	50.2	20.1	20.7	29.2	32.6	28.3	23.8	25.8	33.5	19.5	26.5	14.0	16.9	17.3	18.6	15.8	20.8	18.9	18.1
14	51.3	52.2	51.8	51.0	52.3	53.3	52.0	21.1	21.3	27.8	32.3	26.3	23.6	25.4	32.6	20.0	26.3	12.6	17.7	18.4	20.4	20.5	18.1	19.9	19.2
15	53.4	54.0	54.4	53.7	54.2	55.3	54.2	21.7	22.0	27.9	30.9	25.9	24.4	25.5	31.3	21.1	26.2	10.2	17.9	18.0	19.8	19.2	19.8	20.0	19.1
16	54.8	55.8	55.6	54.4	54.7	55.8	55.2	22.8	22.9	29.2	29.5	25.0	21.0	25.1	30.6	19.6	25.1	11.0	19.1	19.5	19.0	17.1	18.7	16.9	18.4
17	55.6	55.1	55.2	53.0	53.3	52.8	54.2	19.1	19.7	25.7	27.6	24.6	20.7	22.9	27.9	17.8	22.9	10.1	15.9	16.1	15.0	15.5	15.6	**14.4**	15.4
18	49.9	48.8	47.3	**46.5**	48.0	49.7	48.4	20.2	21.0	25.3	28.3	22.0	21.7	23.1	29.2	19.6	24.4	9.6	14.8	14.9	20.3	18.9	18.2	18.7	17.6
19	49.1	49.6	49.0	48.0	47.7	48.4	48.6	22.5	22.2	25.1	26.3	24.3	23.1	23.9	26.7	21.2	24.0	**5.5**	18.4	18.8	20.3	19.5	20.1	19.7	19.5
20	47.7	47.3	48.3	46.8	47.4	49.0	47.8	22.5	22.8	26.3	30.4	27.7	22.9	25.4	31.7	21.6	26.7	10.1	19.6	20.0	20.5	19.8	19.6	18.6	19.7
21	49.2	50.2	50.6	49.5	50.7	52.1	50.4	21.2	21.2	27.7	30.3	25.5	23.3	24.7	31.6	20.5	26.1	11.1	17.9	17.3	20.0	20.7	20.6	20.4	19.5
22	52.0	52.7	53.6	52.4	52.7	54.0	52.9	22.9	23.2	27.5	29.7	25.1	23.0	25.2	30.1	22.8	26.5	7.3	20.1	20.5	20.2	20.5	19.4	19.0	20.0
23	53.7	53.6	53.2	52.0	51.9	52.6	52.8	22.6	22.7	27.6	29.5	25.3	22.2	25.0	29.8	21.9	25.9	7.9	19.3	19.2	19.7	20.1	20.5	18.2	19.5
24	51.8	51.9	52.2	51.6	51.5	52.0	51.8	21.6	21.7	25.1	24.9	22.5	22.0	23.0	27.3	21.2	24.3	6.1	18.4	18.7	18.4	21.1	19.6	19.0	19.2
25	51.5	52.8	53.2	51.9	52.6	53.5	52.6	20.7	20.4	24.3	27.1	22.5	19.6	22.4	27.7	19.3	23.5	8.4	17.7	17.2	17.7	17.7	17.0	15.1	17.1
26	53.1	54.0	54.0	53.6	53.9	55.2	54.0	18.1	17.9	23.6	26.6	22.8	21.1	21.7	27.1	**17.2**	22.2	9.9	15.1	14.9	15.8	16.0	17.1	16.8	16.0
27	54.3	54.8	54.8	53.7	54.1	54.7	54.4	21.2	21.7	26.1	28.7	25.3	24.4	24.6	29.5	20.8	25.2	8.7	17.3	17.7	19.9	20.3	20.7	20.2	19.4
28	53.9	54.2	54.1	52.3	52.9	54.0	53.6	23.9	23.7	28.3	29.3	25.6	24.1	25.8	30.7	23.7	27.2	7.0	20.3	20.0	20.2	20.4	20.9	21.0	20.5
29	53.6	54.7	54.0	53.1	54.0	54.6	54.0	23.1	23.1	28.4	29.7	25.3	24.2	25.6	30.7	22.9	26.8	7.8	20.5	20.3	21.1	19.9	20.1	20.6	20.4
30	53.6	54.9	55.1	55.3	55.6	56.2	55.1	23.8	23.5	26.8	29.1	25.5	24.4	25.5	29.5	23.5	26.5	6.0	20.1	19.8	20.3	17.3	20.2	19.8	19.6
31	55.6	55.4	55.2	52.4	51.6	49.8	53.3	23.7	24.7	29.1	26.4	25.2	24.7	25.6	29.1	23.6	26.4	5.5	20.0	20.8	20.8	20.4	20.4	20.4	20.5
Mean	53.4	53.9	53.8	52.5	52.8	53.8	53.4	21.3	21.4	26.8	29.4	25.6	22.6	24.5	30.3	20.5	25.4	9.8	17.8	17.9	18.9	18.5	19.5	18.5	18.5

Day	RELATIVE HUDIMITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h
1	96	93	74	67	79	94	84	SE	0.7	WNW	0.9	NNW	4.0	NW	5.5	NW	2.8	—	0.0	2.3	2.5
2	95	92	82	83	85	92	88	—	0.4	—	0.0	S	2.4	SE	5.0	SSE	4.2	SE	3.6	2.6	2.9
3	92	96	70	59	80	92	82	SE	3.2	SE	2.6	ESE	0.9	SSE	2.6	S	4.8	SE	2.2	2.7	2.8
4	96	97	62	55	71	91	79	—	0.2	WNW	1.1	ENE	0.9	W	1.3	NE	1.5	SSE	2.6	1.3	1.6
5	96	98	64	67	68	75	78	—	0.2	—	0.4	N	1.7	NNW	4.6	NW	3.2	NNW	6.5	2.8	2.6
6	90	87	63	58	78	90	78	ESE	0.7	WSW	0.7	NNW	5.0	NW	5.2	SSE	6.3	SE	4.4	3.7	3.3
7	94	94	73	51	85	93	82	S	2.6	SSE	2.0	W	1.3	SW	2.0	SSE	6.9	SE	4.4	3.2	3.1
8	95	95	72	55	81	92	82	SE	0.7	—	0.0	N	0.9	SSE	3.6	SSE	5.0	SSE	4.8	2.5	2.4
9	93	92	74	44	74	91	78	—	0.4	—	0.4	WNW	1.7	NW	1.3	—	0.2	—	0.0	0.7	1.2
10	92	97	62	45	71	89	76	W	1.1	NW	1.3	NW	1.7	W	1.1	SSE	5.9	SE	4.0	2.5	2.4
11	96	99	76	47	79	94	82	SW	2.0	—	0.2	W	1.3	NW	1.5	S	2.6	SSE	1.3	1.5	1.2
12	97	94	64	50	72	90	78	NNW	0.9	—	0.0	N	1.3	N	0.7	ENE	1.3	E	2.2	1.1	1.3
13	97	96	62	**43**	73	86	76	WNW	0.9	NNW	1.3	NW	2.4	ENE	1.7	SSE	2.4	S	1.5	1.7	1.6
14	96	98	73	57	71	92	81	—	0.0	—	0.0	SSE	0.9	S	5.5	SSE	6.7	SE	2.4	2.6	2.7
15	93	92	71	58	80	88	80	WNW	0.9	—	0.0	SSE	2.4	SSE	6.3	SSE	4.0	SE	2.8	2.7	3.1
16	93	94	63	56	80	91	80	SE	2.6	—	0.0	SE	2.6	ESE	5.7	SSE	4.0	—	0.4	2.6	3.2
17	97	94	61	56	68	80	76	NNW	0.7	NNW	1.5	ESE	1.7	NNE	4.4	N	2.4	NNW	5.0	2.6	2.7
18	84	81	85	66	93	97	84	NNW	7.3	NW	7.4	NNW	4.2	E	7.1	ESE	3.8	SSE	4.0	5.6	5.4
19	91	95	86	77	89	94	89	ESE	6.5	S	3.2	SSE	4.6	ESE	5.2	S	3.0	—	0.2	3.8	3.7
20	97	97	81	61	71	90	83	—	0.4	—	0.0	WSW	1.3	W	1.5	SSE	1.7	NW	3.4	1.4	1.4
21	96	93	73	65	85	96	85	WNW	2.2	WNW	1.7	N	1.7	SSE	3.4	SSE	3.6	SE	2.6	2.5	2.6
22	97	97	74	66	82	91	85	SSE	1.3	SSE	1.7	SSE	1.7	SE	4.6	SSE	5.5	S	3.2	3.0	2.8
23	95	94	72	65	86	92	84	SSE	2.0	S	2.8	S	4.0	S	2.2	SE	3.8	SSE	5.4	3.4	3.5
24	96	97	78	90	97	97	93	SSE	3.0	—	0.2	—	0.0	S	3.4	SE	2.8	SSE	2.0	1.9	2.1
25	98	97	78	66	84	89	85	SSE	2.8	S	4.8	ESE	1.5	SSE	3.8	SSE	6.3	SE	3.6	3.8	3.3
26	98	98	73	62	83	90	84	SSE	1.1	—	0.2	WSW	0.9	S	6.1	S	4.8	SE	3.2	2.7	2.8
27	92	92	79	69	87	89	85	SE	3.2	SE	3.2	S	3.8	SE	8.2	SSE	3.6	SE	2.8	4.1	4.1
28	92	92	71	67	86	94	84	SE	6.5	SSE	5.5	SSE	7.1	SSE	9.3	SSE	5.0	S	2.4	5.6	5.7
29	98	97	73	64	84	92	85	S	2.0	S	2.4	SSE	5.2	SSE	8.2	SSE	5.2	SSE	4.8	4.6	4.7
30	92	92	78	58	83	87	82	SSE	7.1	SSE	5.0	SSE	5.2	SSE	9.1	S	6.1	SE	4.8	6.2	5.9
31	92	90	69	80	86	88	84	SE	6.1	SE	5.2	SE	10.5	ESE	10.8	ESE	9.8	ESE	**13.4**	9.3	9.1
Mean	94	94	72	62	80	91	82		2.2		1.8		2.7		4.5		4.2		3.4	3.1	3.2

* Reduction: to standard gravity, −0.4; to mean sea level, +5.5

AUGUST, 1949.

Day	DIRECTION AND SPEED OF CLOUDS ×						AMOUNT (0–10) AND FORMS OF CLOUDS							PRECIPITATION						
	2	6	10	14	18	22	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total
1	—	—	W7	—	—	—	10 St	10 St	7 Sc	7 Sc	10 Sc	10 Ns	9.0	—	—	—	—	0.0	0.2	0.2
2	—	—	—	W8	W8	W7	—	10 Ns	10 Ns	10 As,Sc,St	10 Sc,St,Cu	8 Sc,Cc,St	9 Cc,Ac,Sc	9.5	0.1	0.2	0.0	—	—	—	0.3
3	—	—	W7	W7	—	—	10 St	10 Ns	9 Sc,Ci,St	7 Sc,Cu	0 Sc	0 Cu	6.0	—	0.0	0.0	—	—	—	0.0
4	—	—	—	—	—	—	10 St	10 St	3 Ci,Cu	4 Sc,Cu,Ci	7 Sc,Cs	10 Cs	7.3	—	—	—	—	—	—	—
5	—	—	W8	NW7	—	—	10 St	10 St	10 Ci,Cu	8 Ci,Sc,Cu	8 Ci,Cc	6 Ci,Cs	8.7	—	—	—	—	—	—	—
6	—	E8	—	—	—	—	0 —	1 Sc,Cs,Ci	8 Cs,Sc,Cu	4 Cb,Cu	2 Ac,Cu	10 Sc	4.2	—	—	—	—	—	—	—
7	—	—	—	—	—	—	10 St	10 St	4 Sc,Ci	6 Cu,Ac	4 Sc,Ac,Cb	6 Sc,Ci	6.7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	10 Sc	10 Ns	5 Ci,Cu	3 Cu,Ci	3 Cc,Ci	10 St	6.8	—	0.1	0.0	—	—	—	0.1
9	—	—	—	—	—	—	10 St	10 St	10 Cs,Sc	6 Cc,Cb	10 Cs	10 Cs	9.3	—	—	—	—	—	—	—
10	—	—	—	—	—	—	10 Cs	4 St,Ci	0 —	0 —	0 —	0 —	2.3	—	—	—	—	—	—	—
11	—	—	—	—	—	—	5 Cs	10 ≡	5 Ci	5 Ci,Cu	8 Ci,Cc,Cu	10 Cs	7.2	—	—	—	—	—	—	—
12	—	—	—	—	—	—	6 Ci	10 Ci,Cc	8 Cc,Ac,Sc	5 Sc,Cc	4 Cc,Ac	0 —	5.5	—	—	—	—	—	—	—
13	—	—	—	—	—	—	3 ≡	4 ≡	0 Cu,Ac	3 Sc,Cs,Cu	7 Cs,Cb	5 Sc,Cs	3.7	—	—	—	—	—	—	—
14	—	—	—	—	—	W8	10 Cs	10 ≡	0 Ci,Cu	10 Ci,Cs,Cu	10 Ci,Cs	10 Sc,Ci	8.3	—	—	—	—	—	—	—
15	—	—	S7	S7	S7	—	10 Sc	9 Ci,St,Sc	10 Sc	10 Cs,Sc,Cu	10 Cs,Sc	10 Sc	9.8	—	—	—	—	—	—	—
16	S7	S7	S7	—	—	—	5 Sc	10 Sc,St	8 Sc	4 Cu	6 Sc	3 Sc	6.0	—	—	—	—	—	—	—
17	—	—	—	E8	E7	—	5 Sc	4 Sc	7 Cu,Sc	7 Sc,Cu	10 Sc,Cu	0 Sc	5.5	—	—	—	—	—	—	—
18	—	E8	E8	E8	NE8	—	9 Sc,Cc	10 Sc,Ns	10 Cs,Sc,Ns	9 Sc,Ns	10 Ns	10 Ns	9.7	—	0.3	0.5	0.1	1.5	**10.6**	**13.0**
19	N5	S8	—	S7	—	—	9 Ac,Sc	10 Ac,Sc,Cc	10 Ns	10 Sc	10 Ns	10 St	9.8	0.2	—	0.2	4.1	0.1	0.0	4.6
20	—	—	N7	—	—	—	10 St	10 St	9 Sc,Cc	3 Cu,Cc	9 Sc,Cb,Cu	0 Sc	6.8	—	—	0.2	—	—	—	0.2
21	—	—	E7	N7	—	—	9 Ci,Cs,Ac	8 St,Ci,Ac	7 Cc,Cu,Sc	9 Sc,Cu,Ac	10 Sc,Ns	10 St	8.8	—	—	—	—	—	1.1	1.1
22	—	—	—	—	—	—	10 St	10 St	10 Sc,Ac	6 Sc	9 Sc	10 Sc	9.2	0.1	—	—	—	—	0.0	0.1
23	—	—	W7	W7	—	—	10 Sc	10 Sc,St	7 Cu	7 Sc,Cu,Ac	10 Sc,Cu	10 St	9.0	—	—	—	—	—	—	—
24	—	—	—	—	—	—	10 St	10 Ns	10 St	10 Ns	10 St	10 Ns	10.0	—	—	0.0	0.7	1.4	0.4	2.5
25	—	—	—	—	—	—	10 Ns	10 Ns	8 Sc,Cc	7 Sc,Ci	10 Sc	10 Sc	9.2	4.6	3.1	0.1	—	—	—	7.8
26	—	—	—	S8	—	—	10 Sc	10 St	2 Cu	6 Sc,Cu	10 Sc,St	10 Sc,St	8.0	—	—	—	—	—	—	—
27	—	—	S7	S7	S7	—	10 St	10 Ns,Sc	10 St	10 Cs,Sc	10 St	10 St	10.0	—	—	0.3	—	—	—	0.3
28	—	S8	S8	—	—	—	10 St	10 St	8 Sc	6 Sc,Cs	10 Ns,St	10 St,Ns	9.0	—	—	—	—	—	0.1	0.1
29	—	—	—	—	—	—	10 Ns	10 St	4 Ci,Cu	5 Ci,Cu	10 Ns,Cs	10 St	8.2	2.5	0.1	—	—	0.0	0.6	3.2
30	—	S9	S8	S8	S8	S8	10 St	10 St,Sc	10 Sc,St	4 Sc,Cu,Ac	10 Sc	8 Sc	8.7	—	—	0.0	—	→	—	0.0
31	—	—	—	—	—	—	2 Sc	10 Cs,Sc	10 Sc,St,Ci	10 Sc,Ns,Sc	10 Ns,Sc	10 Ns	8.7	—	—	—	0.0	0.2	1.8	2.0
							8.5	9.0	7.1	6.5	7.9	7.6	7.8	7.5	3.8	1.3	4.9	3.2	14.8	35.5

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	4.65	(4.2)	1.5	⌒0p.●01725—1729,1940—2005,2015—2105,2112—2220,2229—2240.
2	2.18	3.7	1.0	●00120—0215.≡00230—●00430—≡00455—0630,0820—0855.
3	7.00	5.6	1.5	∞0a.∞0, ◊ 0,⏢1p.≡00543—0720.
4	9.02	5.9	1.6	≡20020—≡10546—0640.
5	8.15	6.4	2.2	⏢1, ◊ 0a. ◊ 0p.≡20130—≡30450—≡10620—0640.
6	12.17	6.6	2.2	⏢0, ◊ 0,∞0a. ◊ 0p.
7	8.58	(6.2)	1.6	∞0a.
8	9.22	6.8	1.7	∞0a.≡00320—●00545—≡00549—0620.
9	9.68	6.6	1.8	∞0a. ◊ 0,∞0p.
10	12.15	6.5	2.2	⏢1,⏢0,∞0a.∞0p.≡20520—0636.
11	8.38	5.8	1.5	∞0a.∞0,⏢0p.≡30420—≡20640—0720.
12	8.83	6.5	1.8	∞0a,p.≡20520—≡30545—0657.
13	11.45	6.4	2.0	⏢1∞,0a.∞0p.≡10130—0650.
14	7.61	6.5	2.1	⏢0,∞0a.∞0, ◊ 0p.≡20515—≡30535—≡20630—0845.
15	6.75	6.4	2.2	⏢0,∞0a, ◊ 0,∞0p.
16	10.03	7.0	2.4	⏢0p.
17	5.84	(4.8)	2.5	⏢1, ◊ 0a. ◊ 2p.
18	2.37	(3.7)	1.3	◊ 0a,p.●00341—0356,0642...0817,0936...1150,1437—1458,1700—●12035—●02158—2232.◷10033526.
19	0.35	(2.7)	0.8	●00956—●11120—●01127—1240,1310...1330,1725...2010.
20	6.55	5.8	1.3	⏢1, ◊ 0a. ◊ 1,⏢0p.≡00620—0655.●00925—0938.
21	8.14	(5.5)	1.4	⏢1, ◊ 1a. ◊ 0p.●01907—2113.
22	5.83	5.6	1.6	●00140—0154,2030—2035.
23	4.81	4.4	1.4	⌒0, ◊ 0a. ◊ 0,∞0p.
24	0.17	(1.9)	0.6	●00603—0623,0737—0738,1021—1034,1248—1256,1344—1607,1705—1738,2050—
25	5.07	4.6	1.4	⏢0p.—●0—0450,0523—0628.
26	7.11	(5.4)	1.6	⏢0,∞0a. ◊ 0,∞0p.≡20430—≡30500—≡20535—≡10555—0620.
27	6.77	5.5	1.8	≡00543...0633,0738—0919.
28	7.10	(5.7)	1.8	∞0a,p.⊤0W1610—⊤0S1740—⊤0Z1810—⊤0N1815—,●01820—,—⍂0W1823—⍂0Z1825—⍂0W1830—1840.*
29	7.35	(5.3)	1.7	∞0a. ◊ 0p.—●0—0045,≡00145—0300.⊤0W1738—,●01755—,⍂0SW1817—1833.—●0—1850. *⌊—●0—1850,*
30	5.13	5.7	2.2	●00826—0834. ◸1510. *⌊2210—,◺0S2215—⍂0S2217—,—●0—2220.—⍂0N2225—⍂0Z2230—,●12243—*
31	5.15	(4.1)	1.6	●01129...1840—●12118—●02120—,◸0940—1000,1040— *⌊●02250—,—⍂0S2255.—●0—2300.2330—
Mean	6.89	6.2	1.7	

× See Page 3.

SEPTEMBER, 1949.

Day	AIR PRESSURE (700mm+)* mm							AIR TEMPERATURE °C										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	47.1	**45.6**	49.4	51.5	53.1	54.6	50.2	24.3	23.9	23.9	24.0	22.2	21.8	23.4	24.6	21.7	23.2	**2.9**	19.9	20.3	20.7	20.2	18.4	18.8	19.7
2	54.0	54.6	55.7	54.6	55.4	56.0	55.1	21.7	21.8	24.5	28.3	24.1	22.9	23.9	28.5	21.6	25.1	6.9	18.9	19.0	20.2	21.2	20.1	19.7	19.9
3	55.6	56.8	57.1	56.6	56.4	57.1	56.6	22.1	21.7	24.6	26.7	25.0	21.2	23.6	**28.9**	19.5	24.2	9.4	19.3	18.9	19.2	20.2	19.7	17.9	19.2
4	56.8	57.2	56.4	55.0	54.6	54.9	55.8	18.9	18.7	25.1	28.3	21.9	18.5	21.9	28.7	17.0	22.9	11.7	15.7	15.7	17.1	17.7	15.8	14.4	16.1
5	54.0	55.1	54.1	52.9	53.7	55.1	54.2	16.7	16.2	23.9	27.5	22.1	17.5	20.7	27.7	15.1	21.4	12.6	13.6	13.5	**23.9**	15.4	16.6	14.0	16.2
6	55.0	55.3	56.7	54.8	55.6	57.1	55.8	17.7	14.5	21.0	26.9	21.7	17.3	19.9	28.4	14.2	21.3	14.2	14.7	12.0	13.5	12.9	16.3	13.3	13.8
7	57.1	57.7	58.0	56.7	56.2	56.8	57.1	14.1	14.6	21.5	27.6	21.7	16.7	19.4	28.1	13.4	20.8	14.7	11.6	12.4	14.0	12.2	15.8	13.5	13.3
8	56.1	55.9	55.3	52.4	52.4	52.7	54.1	16.3	16.9	22.2	27.1	23.1	21.7	21.2	27.3	15.6	21.5	11.7	13.1	13.6	14.7	17.7	20.1	18.7	16.3
9	52.9	52.9	53.2	52.2	52.8	53.7	53.0	20.3	18.5	24.9	27.5	21.7	19.8	22.1	28.7	17.7	23.2	11.0	16.4	15.5	17.4	16.8	15.8	14.4	16.1
10	52.8	53.6	54.6	53.6	53.9	54.8	53.9	18.6	18.1	19.9	22.8	18.1	16.7	19.0	23.9	15.3	19.6	8.6	15.0	14.0	14.2	11.7	13.0	13.1	13.5
11	55.0	55.2	54.8	54.2	55.0	55.2	54.9	14.5	13.1	22.1	22.5	18.2	14.6	17.5	23.3	11.4	17.4	11.9	11.8	11.2	11.8	12.3	13.1	11.6	12.0
12	54.6	54.4	54.7	53.2	54.2	55.1	54.4	12.1	12.5	19.1	23.6	19.1	14.7	16.9	23.9	11.6	17.8	12.3	9.9	10.4	9.9	9.9	14.1	11.8	11.0
13	55.7	56.9	56.9	56.4	57.6	59.8	57.2	11.6	11.6	17.7	22.3	16.9	13.4	15.6	23.3	10.3	16.8	13.0	10.0	10.0	13.3	12.5	11.7	10.3	11.3
14	60.6	62.1	63.0	61.8	63.5	**65.0**	62.7	10.4	8.4	19.6	23.5	16.9	12.0	15.1	23.9	**7.6**	15.8	**16.3**	9.3	**8.0**	9.9	10.9	11.5	10.0	9.9
15	64.2	64.3	63.2	61.3	61.2	60.5	62.5	8.9	9.1	21.2	23.7	17.4	15.3	15.9	23.7	7.8	15.8	15.9	8.2	8.6	11.0	10.1	11.4	12.0	10.2
16	58.8	57.6	56.2	53.2	51.8	52.9	55.1	15.5	15.3	18.3	19.1	19.4	19.0	17.8	20.0	14.2	17.1	5.8	12.0	11.7	11.9	13.6	14.4	15.8	13.2
17	52.9	53.9	53.4	51.2	52.2	53.0	52.8	18.9	18.5	21.4	21.5	18.7	18.4	19.6	22.1	18.0	20.1	4.1	15.8	15.5	15.7	17.4	15.7	15.4	15.9
18	53.9	55.4	56.8	56.1	56.6	57.2	56.0	17.3	16.6	20.1	18.1	16.3	14.3	17.1	21.1	14.2	17.7	6.9	12.0	13.2	13.2	14.6	12.8	11.8	12.9
19	56.4	55.9	56.3	54.6	54.3	55.2	55.5	14.4	14.7	16.7	18.5	18.1	17.9	16.7	18.9	14.3	16.6	4.6	12.0	12.1	13.5	14.4	14.7	14.9	13.6
20	53.2	53.5	54.7	54.9	56.5	57.8	55.1	18.0	19.0	22.5	23.9	21.5	19.8	20.8	24.5	17.8	21.2	6·7	15.1	16.1	17.0	17.8	16.3	13.7	16.0
21	58.4	59.3	59.9	59.0	60.0	60.7	59.6	18.9	17.9	21.8	24.8	19.3	18.4	20.2	25.5	17.8	21.7	7.7	14.4	14.9	14.1	13.7	15.0	14.5	14.4
22	60.0	60.0	60.2	58.5	57.2	55.6	58.6	16.9	16.1	19.7	18.5	17.0	16.7	17.5	20.1	15.8	18.0	4.3	12.0	12.9	12.3	14.1	13.2	13.5	13.0
23	54.2	52.7	52.5	50.9	50.2	50.7	51.9	17.1	22.3	25.6	24.6	22.8	20.4	22.1	26.3	16.6	21.5	9.7	14.1	17.6	18.4	17.4	17.1	16.8	16.9
24	51.4	52.4	52.6	52.0	52.8	53.5	52.5	18.1	16.7	23.7	22.3	19.8	15.1	19.3	24.1	13.4	18.8	10.7	14.4	13.5	12.5	12.0	14.3	12.1	13.1
25	53.3	53.7	54.2	53.4	53.7	54.2	53.8	11.7	12.3	20.2	22.7	18.1	14.5	16.6	24.1	10.8	17.5	13.3	10.0	10.5	11.9	9.9	12.4	11.3	11.0
26	54.2	54.4	54.8	53.7	54.3	53.6	54.2	14.5	12.9	20.0	24.9	21.2	18.9	18.7	25.5	12.1	18.8	13.4	12.1	10.8	12.9	12.8	14.4	14.8	13.0
27	52.2	52.1	53.7	53.4	54.1	54.4	53.3	18.4	18.5	19.1	18.9	16.9	13.7	17.6	20.2	12.4	16.3	7.8	14.8	14.7	11.5	12.4	12.3	11.2	12.8
28	55.6	57.2	57.8	57.0	57.8	58.8	57.4	10.5	10.7	18.7	20.5	16.5	10.4	14.6	22.5	9.7	16.1	12.8	9.3	9.4	11.7	12.0	11.8	9.0	10.5
29	58.3	59.1	58.5	57.5	57.7	58.2	58.2	11.0	10.8	19.1	23.5	16.6	13.4	15.7	24.8	9.6	17.2	15.2	9.5	9.5	11.4	8.8	10.6	9.6	9.9
30	57.7	57.7	56.9	55.7	56.4	57.0	56.9	11.1	9.5	19.4	20.9	15.3	12.1	14.7	22.7	9.2	16.0	13.5	9.4	8.7	11.2	9.0	10.0	9.9	9.7
Mean	55.4	55.8	56.1	54.9	55.4	56.0	55.6	16.0	15.7	21.3	23.5	19.6	16.9	18.8	24.5	14.2	19.4	10.3	13.1	13.1	14.3	14.1	14.6	13.6	13.8

Day	RELATIVE HUDIMITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND																
	2	6	10	14	18	22	Menn	2		6		10		14		18		22		Mean	
																				6 obs.	24 h
1	88	93	94	91	93	97	93	ESE	14.4	SE	**16.9**	SSE	12.7	SSE	4.2	SSE	6.3	ESE	1.5	9.3	9.6
2	98	98	88	74	90	95	91	—	0.0	—	0.2	S	3.8	SSE	5.5	SSE	4.2	SSE	6.7	3.4	3.1
3	98	98	84	78	84	96	90	SSE	4.4	S	1.1	SSW	1.5	S	1.3	WSW	2.6	NNW	1.5	2.1	1.6
4	97	98	72	62	81	91	84	WNW	1.7	NW	1.3	SSW	1.5	SSE	5.2	SSE	4.6	SSE	2.4	2.8	2.5
5	96	99	72	57	84	94	84	N	1.7	NNE	0.7	NNE	0.9	NNW	4.2	SSE	1.3	—	0.0	1.5	2.4
6	98	97	73	49	85	91	82	WNW	1.5	NW	1.7	NW	1.7	SSE	1.5	SE	4.0	SSE	2.4	2.1	1.8
7	97	100	74	44	82	95	82	SW	1.3	NNW	1.5	WNW	1.5	S	2.8	SE	3.2	SSE	1.5	2.0	1.8
8	95	95	74	66	96	97	87	—	0.4	NNW	0.7	SSW	2.2	SSE	4.6	—	0.4	W	0.7	1.5	1.6
9	92	98	74	62	82	84	82	—	0.4	E	2.0	SSE	4.2	NW	4.2	WNW	2.2	ENE	1.7	2.5	1.8
10	94	91	82	57	85	93	84	NNE	1.5	N	1.3	WSW	1.5	WNW	4.8	WNW	1.1	ENE	1.3	1.9	1.9
11	96	100	60	61	85	94	83	WNW	1.1	N	1.1	SE	1.3	NW	2.0	W	3.0	WNW	1.7	1.7	1.6
12	95	96	60	46	86	95	80	NW	0.7	NW	0.9	—	0.4	SSE	1.5	—	0.0	W	2.0	0.9	1.7
13	99	99	89	62	82	90	87	—	0.0	WNW	0.9	E	1.5	—	0.4	W	5.0	N	1.1	1.5	1.7
14	99	97	58	51	81	96	80	N	1.3	N	0.9	N	2.4	SE	4.2	SSE	3.4	SSE	0.9	2.2	2.3
15	97	100	59	46	77	93	79	—	0.0	—	0.4	SSE	5.4	SSE	6.1	SE	4.4	SE	2.4	3.1	3.3
16	92	90	76	83	86	97	87	SE	3.2	SSE	2.4	SSE	8.4	SSE	8.2	SSE	7.6	NNW	2.2	5.3	4.4
17	98	98	83	92	98	98	95	N	2.6	SSW	0.9	E	0.7	SE	1.3	NNE	2.6	N	0.7	1.5	1.7
18	82	94	76	94	93	97	89	WNW	0.9	NNW	0.7	ESE	6.9	WNW	3.4	NNW	1.5	NW	1.7	2.5	1.7
19	99	98	95	91	95	98	96	NW	1.3	NW	1.1	SW	0.7	S	3.0	SSE	2.6	SSE	3.6	2.1	1.9
20	99	99	84	81	85	80	88	SE	0.9	SSE	1.7	SSE	3.4	N	2.2	NE	2.0	NNE	1.7	2.0	1.9
21	89	98	73	59	90	92	84	NNE	1.3	SW	2.0	NE	2.4	S	2.2	S	3.4	—	0.0	1.9	2.2
22	89	95	72	89	92	95	89	WNW	2.2	WNW	0.9	N	2.0	NW	2.6	NNW	5.2	NNW	2.4	2.6	2.8
23	98	88	76	76	83	95	86	NW	1.3	ESE	8.9	ESE	8.9	ESE	9.8	ESE	7.8	SSE	3.4	6.7	7.3
24	93	95	58	60	83	95	81	NNE	2.4	—	0.0	NNW	2.6	NW	4.2	—	0.0	WNW	1.5	1.8	2.2
25	97	99	67	48	80	93	81	WNW	1.5	NNE	1.1	N	2.8	NW	5.9	WSW	2.2	S	1.5	2.5	2.1
26	99	97	75	55	77	91	82	WNW	1.3	—	0.0	NNW	0.9	—	0.4	SSE	3.8	SSE	2.2	1.4	1.2
27	94	93	70	77	86	96	86	—	0.4	NE	2.2	NNW	7.3	ENE	0.7	NNW	0.9	—	0.4	2.0	2.8
28	99	99	73	66	82	96	86	WNW	1.1	—	0.4	WNW	1.1	SSW	3.0	W	2.6	NE	1.3	1.6	1.3
29	97	99	69	**41**	75	83	77	—	0.2	—	0.4	ENE	0.9	NW	2.8	W	3.2	SW	2.8	1.7	1.6
30	96	98	67	49	77	95	80	W	0.7	NW	0.7	—	0.2	SW	4.2	WNW	2.4	S	2.4	1.8	2.1
Mean	95	97	74	66	85	93	85		1.7		1.8		3.1		3.5		3.1		1.9	2.5	2.5

* Reduction: to standard gravity, −0.4; to mean sea level, +5.6

SEPTEMBER, 1949.

Day	DIRECTION AND SPEED OF CLOUDS ×						AMOUNT (0–10) AND FORMS OF CLOUDS							PRECIPITATION						
	2	6	10	14	18	22	2	6	10	14	18	22	Mean	22-2	2-6	6-10	10-14	14-18	18-22	Total
1	—	—	S8	S8	S7	—	10 Ns	10 Ns	10 Ns	10 St	10 Sc	10 Ns	10.0	3.7	19.9	6.4	8.5	0.1	0.1	38.7
2	—	—	S7	S7	S7	—	10 Ns	10 Ns	10 Cs,St	10 As,Sc,St	10 Cs,St	10 St	10.0	0.2	0.8	0.0	—	0.1	—	1.1
3	—	W7	—	—	—	—	10 St	10 St,Cc	10 As,Ns	6 Ac,Sc	4 Sc,Ac	4 Sc	7.3	—	—	—	0.0	—	—	0.0
4	—	—	—	—	—	—	6 Ci	10 St	3 Cu,Ac	1 Cu	5 Cc,Cb,Ac	0 Cc	4.2	—	—	—	—	—	—	—
5	—	—	—	—	W8	—	1 Cu	10 ≡	4 Ac,Sc	3 Sc,Cu	6 Sc	0 —	4.0	—	—	—	—	—	—	—
6	—	—	—	—	—	—	10 St	10 St	0 Cu	1 Cu	2 Sc,Ac	0 —	3.8	—	—	—	—	—	—	—
7	—	—	—	—	—	—	4 Cs	10 ≡	0 Cu	0 Sc	0 —	0 —	2.3	—	—	—	—	—	—	—
8	S7	—	S7	S7	—	—	10 St	10 St	6 Sc	9 Sc,Cs	10 Ns	10 Sc,As,Cs	9.2	—	—	—	—	5.8	1.8	7.6
9	—	—	W7	W7	—	—	10 Sc	10 Sc,Ac,Cc	9 Sc,Ac	10 Cs,As,Sc	10 As,Sc	10 Ns	9.8	—	—	—	—	—	0.1	0.1
10	—	—	—	S7	—	—	10 As	10 Sc,As,St	10 As,Sc	8 Cs,Sc	8 St,As,Sc	9 Sc	9.2	0.3	0.2	0.0	—	—	—	0.5
11	—	—	W7	W7	—	—	5 Sc	10 ≡	10 Cu,Sc,Ci	10 Ac,Cu,Sc	10 As,Ac	5 Cc,Ac,Cu	8.3	—	—	—	—	—	—	—
12	W4	W4	—	—	—	—	9 Ac,Sc,Cc	10 Ac,As,Sc	9 Cc,Sc	6 Cc,Sc	8 Sc,Cc	4 As,Sc	7.7	—	—	—	—	—	—	—
13	—	N8	—	—	—	—	6 Sc,As	9 St,Cs	10 As,Sc	9 Ci,Cs,Cu	10 Ci,Cs,Cu	8 Ci	8.7	—	—	—	—	—	—	—
14	—	—	—	—	—	—	9 Ci	1 Cs,St	2 Sc,Cu	4 Ci,Cu	1 Ac	0 —	2.8	—	—	—	—	—	—	—
15	—	—	—	—	—	—	0 —	10 ≡	2 Cc,Cu	5 Ci,Cu	3 Ci,Cu	10 As,Sc	5.0	—	—	—	—	—	—	—
16	—	—	—	—	W8	—	10 Sc	10 As,Ac	10 St	10 St	10 Sc,St	10 Ns	10.0	—	—	—	0.0	—	0.5	0.5
17	W7	—	—	—	—	—	10 Ns	10 Sc	10 As,Sc	10 Ns,Sc	10 Ns	10 As,St	10.0	0.2	0.1	0.0	0.7	5.0	—	6.0
18	—	—	—	—	—	—	10 As,Sc	10 As	10 As,Cu	10 Ns	10 St	10 Ns	10.0	—	0.0	0.1	3.0	0.7	10.3	14.1
19	—	—	—	—	—	—	10 Ns	10 Ns	10 St	10 St	10 St	10 Ns	10.0	5.0	0.4	0.3	—	—	0.0	5.7
20	—	—	—	W7	—	—	10 St	10 St	10 As,St	10 Sc,St	10 Sc	10 Sc	10.0	1.3	—	—	—	0.0	—	1.3
21	—	—	—	—	—	—	10 Ns	10 Ns,Ac,St	8 Ci,Ac,Cc	10 Ci,Ac,Cu	10 Sc	10 Sc	9.7	0.0	2.2	0.1	—	—	—	2.3
22	—	—	—	—	—	—	10 St	10 Sc	10 Sc	10 Ns	10 Ns	10 Ns	10.0	—	—	—	1.9	0.7	3.9	6.5
23	—	S8	S8	S8	S8	—	10 Ns,Sc,Cs	8 Ns,Sc,Cc	5 Sc,Ac	10 Cc,Sc,Ns	10 As,Sc,St	10 St	8.8	2.2	—	0.1	0.3	—	12.1	14.7
24	—	—	—	—	—	—	10 St	9 Cs,Cc,Sc	10 Cs,Ci,Sc	10 Cs,Sc,Cu	5 Sc	10 As,Sc	9.0	0.9	—	—	—	—	—	0.9
25	—	—	—	—	—	—	5 St,Cs	10 ≡	2 Cu	2 Cu,Cs	7 Cc,Cs	10 As	6.0	—	—	—	—	—	—	—
26	—	—	—	W7	—	—	10 Cs	10 Ac,≡	8 Ac,Cu	10 Ac,Sc,Cu	10 Sc	10 Sc	9.7	—	—	—	—	—	—	—
27	—	W7	W7	—	—	—	10 Sc	10 Sc	10 Sc,As	10 As,Sc	10 As,Sc	10 Cs,Sc	10.0	—	—	—	0.0	0.1	—	0.1
28	—	—	W7	W7	—	—	10 St,Cs	10 St	9 Sc	9 Sc,Cu	0 Sc	0 Sc	6.3	—	—	0.1	1.6	—	—	1.7
29	—	W7	—	—	—	—	10 Sc	10 Sc,St	1 Cu	1 Cu,Cs	7 Sc,Cc,Ac	9 Sc	6.3	—	—	—	—	—	—	—
30	—	W8	W8	W7	W7	—	10 Sc,Ci	10 Sc,Ci,Cs,	9 Cs,Sc	8 Sc,Ci,Cs	7 Sc,Cs	10 As,Ns,Sc	9.0	0.4	—	—	—	0.3	0.0	0.7
				8.5	9.6	7.2	7.4	7.4	7.3				7.9	14.2	23.6	7.1	16.0	12.8	28.8	102.5

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm: Open Air	Amount of Evaporation mm: in the Shelter	REMARKS
1	—	(2.8)	0.4	—●0—●10113—●00120—0150...●10340—●00745—0825,0955...●11035—●01039—●11045—●21047—*
2	1.45	(3.6)	0.9	—●0—0010,0245—≡00635—0700.●01553—1607. *⌊●11052—●01054—1120.●01155—1230,1250—1305,*
3	3.60	2.4	0.7	⌓1a.∞0,∞1p.●01019...1030. *⌊1500—1545,2045—,—🌂—1040.
4	8.92	5.5	1.4	⌓1,∞0a.∞0,◊0p.≡10410—≡20450—≡10530—0620.
5	8.32	4.8	1.3	⌓1a.◊2,⌓1p.≡40450≡20705—0743.
6	8.53	4.4	1.1	∞0a.◊1,⌓1p.≡10534—0638.
7	8.12	4.9	1.4	⌓1,◊2a.◊2,⌓0p.≡20440—≡40520—≡30843—≡20850—0905.
8	5.01	(3.6)	0.9	∞0a,p.●01601—●11635—●01640—●11715—●01720—●11725—●01732—2020.
9	4.49	(2.9)	1.3	◊2p.●02133—2310.
10	2.65	2.9	1.0	♈0,⌓1p.●00255—0350,0715—0820.
11	3.31	2.3	0.9	◊2a.◊2,⌓1p.≡20455—≡30520—≡40540—≡20705—0730.
12	5.40	2.7	0.9	⌓1,∞0a.⌓0p.
13	3.53	2.9	1.0	⌓1,∞0a.◊1,∞0,⌓1p.≡20700—≡10735—0810.
14	11.22	4.6	1.5	⌓1,⩊0,◊2a.⌓1p.
15	9.42	4.7	1.9	⌓1,◊1a.◊1,⌓0p.≡20240—≡30350—≡50450—≡40637—≡30652—0750.
16	0.34	(1.3)	0.8	⌓0,∞0p.●01011...1023,1608...1733,1932...,◷12350 55.
17	—	(0.4)	0.6	...●0...0246,0820—0835,1048—1052,1105—●11607—●01620—●11628—●01645—●11659—●01710—1740.
18	—	(0.9)	0.4	●00558—0650,1005...1010,1110...1135,1305—●11320—●01335—1540,1855—●12050—●22145—●02220—**
19	—	(1.2)	0.3	—●0—0215,0320—0520,0620—0718,1918...≡02040—●02228—2305. **⌊●12245—●02315—
20	0.35	(2.1)	0.9	♈p.●01630—1637.
21	6.55	3.0	1.1	◊0a.◊1p.●00159—0623.
22	—	(1.4)	0.8	◊1a.●01048—1332,1338—1555,1605—1607,1620—1710,1750—2115,2130—●12140—●02150—2310,2335—
23	4.72	(5.7)	1.5	—●0—0150,0850—0905,1144—1158,1832—●22005—●02016—2105.●12353—,🌂0810—0820,0840,0910,0950,***
24	6.48	1.8	1.3	◊1a.◊0,⌓0p·—●1—●00012—0100. ***⌊1010,1100,1120—1150,1210,1310,1330—1340,1410—1440,1510,***
25	7.89	4.3	1.5	⌓1,◊0,∞0a.◊1p.≡10330–≡30410–≡50540–≡30630–≡20745–≡00810–0835. ***⌊1530–1540,1610,1640.◷10039 01.
26	6.32	3.2	1.3	⌓1a.≡20530—≡40558—≡20650—0720.
27	0.15	(1.5)	0.6	◊1a.◊0,♈0p.●01150...1205,1600...1624—1645,1718—1723. 🌂0920.
28	5.11	(2.6)	0.9	⌓1a,p.≡10330—≡20450—0610.●00700—0720,1155—●11158—●01202—1220.
29	8.40	(3.9)	1.5	⌓1,◊0a.◊2p.≡10538—0712.
30	6.18	(2.9)	1.2	∞0a.⌒0p.●00100—0115,1535—1555,2030—2035,2140...2145.
Mean	4.55	3.6	1.0	

× See Page 3.

OCTOBER, 1949.

Day	AIR PRESSURE (700mm+)* mm							AIR TEMPERATURE °C										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	56.5	56.2	55.9	54.4	54.9	55.8	55.6	10.5	8.8	17.7	17.1	13.2	10.4	13.0	20.3	8.6	14.5	11.7	9.2	8.3	9.4	7.5	9.0	8.7	8.7
2	54.3	54.5	56.7	57.3	59.5	61.1	57.2	10.4	9.1	12.3	19.7	13.2	9.3	12.3	19.9	7.8	13.9	12.1	8.7	8.2	9.8	7.9	9.2	8.2	8.7
3	61.6	63.3	63.5	61.9	62.7	63.4	62.7	7.1	7.0	14.1	19.5	14.1	8.9	11.8	20.9	6.8	13.9	4.1	7.5	7.5	9.1	7.4	9.1	8.2	8.1
4	63.3	63.0	62.5	60.7	61.0	60.8	61.9	5.8	5.4	16.4	18.8	14.7	13.2	12.4	19.5	5.2	12.4	14.3	6.8	6.6	9.2	10.0	10.6	10.4	8.9
5	59.8	59.8	59.5	58.6	58.4	58.1	59.0	11.4	10.6	15.7	15.6	13.2	12.6	13.2	16.3	10.2	13.3	16.1	9.5	9.2	9.8	10.3	10.4	10.4	9.9
6	57.2	56.9	56.9	55.4	55.8	56.7	56.5	12.2	11.6	14.3	16.4	13.9	12.1	13.4	16·7	11.3	14.0	5.4	10.1	9.7	9.8	10.4	10.9	8.4	9.9
7	56.6	57.7	58.1	57.4	59.1	60.5	58.2	10.5	9.0	15.3	18.4	13.2	9.9	12.7	19.7	7.4	13.6	12.3	8.1	7.7	7.3	7.0	9.6	8.7	8.1
8	60.1	60.9	61.5	59.3	59.9	60.5	60.4	5.8	4.0	12.5	20.1	10.3	9.9	10.4	20.3	4.0	12.2	**16.3**	6.8	6.0	8.4	8.2	9.9	8.6	8.0
9	60.0	60.3	59.1	57.2	55.5	54.6	57.8	7.1	8.1	13.5	16.9	15.9	17.3	13.1	17.3	6.2	11.8	11.1	7.4	7.9	9.8	11.3	12.1	13.5	10.3
10	53.3	52.1	51.8	51.1	53.2	55.5	52.8	16.9	16.5	18.5	18.3	16.0	14.7	16.8	**22.5**	11.8	17.2	10.7	13.6	13.6	13.6	12.4	11.5	9.8	12.4
11	55.9	58.0	59.3	59.1	60.6	61.6	59.1	9.5	8.1	15.5	20.7	14.3	14.1	13.7	20.9	7.8	14.4	13.1	8.6	7.7	10.3	10.6	11.2	11.5	10.0
12	61.4	62.6	63.1	61.1	61.4	60.6	61.7	11.9	10.9	17.7	19.1	15.3	14.1	14.8	19.9	10.0	15.0	9.9	10.2	9.7	11.1	11.4	11.3	11.3	10.8
13	59.6	58.7	57.8	55.8	55.4	55.6	57.2	14.1	13.5	20.7	21.2	17.0	15.9	17.1	22.4	13.2	17.8	9.2	11.6	11.2	12.9	13.5	**13.7**	12.9	12.6
14	55.0	55.0	54.8	54.8	56.1	57.1	55.5	15.1	12.9	17.7	18.1	15.1	13.2	15.4	19.4	11.0	15.2	8.4	12.1	10.8	10.6	10.4	10.9	10.6	10.9
15	57.6	58.9	59.6	58.4	59.7	60.3	59.1	14.1	10.2	16.7	20.2	15.3	12.0	14.8	21.5	10.0	15.8	11.5	12.0	9.1	10.6	10.7	10.9	10.0	10.6
16	59.8	59.9	60.9	59.5	60.1	60.4	60.1	11.7	12.3	17.7	19.2	14.7	11.9	14.6	19.5	9.9	14.7	9.6	10.0	10.4	8.6	8.9	8.7	9.2	9.3
17	60.0	60.5	60.2	59.2	60.3	61.3	60.3	10.1	7.6	14.6	17.5	14.3	13.3	12.9	18.4	7.6	13.0	10.8	8.7	7.6	9.0	10.4	10.0	10.7	9.4
18	61.2	61.7	62.1	60.5	60.1	59.7	60.9	12.5	11.7	16.4	17.3	15.7	14.7	14.7	18.1	10.4	14.3	7.7	10.2	9.9	11.0	12.7	10.8	11.5	11.0
19	57.3	55.7	54.5	52.0	51.8	52.2	53.9	15.1	15.3	14.5	15.3	16.2	14.9	15.2	16.7	13.4	15.1	**3.3**	12.1	12.4	11.8	12.3	9.6	10.2	11.4
20	53.4	55.6	58.3	59.3	61.6	62.9	58.5	13.2	11.4	15.6	15.1	13.4	10.3	13.2	16.1	9.5	12.8	6.6	7.7	7.8	8.4	9.0	7.5	8.3	8.1
21	63.4	63.8	**64.3**	61.9	62.4	62.3	63.0	8.2	5.7	11.3	18.5	13.9	9.1	11.1	18.7	5.1	11.9	13.6	7.7	6.7	8.1	7.8	9.6	8.1	8.0
22	61.3	60.7	59.6	57.1	57.1	57.1	58.8	7.4	4.7	11.9	15.6	12.0	11.1	10.5	16.7	4.7	10.7	12.0	7.3	6.3	8.5	7.9	7.6	7.2	7.5
23	57.1	58.0	58.4	58.1	60.0	62.2	59.0	9.8	10.5	17.4	17.1	12.1	6.5	12.2	18.5	6.5	12.5	12.0	7.9	6.2	6.5	6.8	6.3	6.3	6.7
24	62.0	63.0	62.8	60.0	59.1	58.5	60.9	3.4	1.4	9.8	16.6	11.4	10.3	8.8	16.8	**1.2**	9.0	15.6	5.6	**4.9**	6.3	7.4	7.7	8.0	6.7
25	56.9	56.1	55.2	54.3	53.8	53.3	54.9	9.8	8.3	10.9	12.4	11.7	8.0	10.2	12.9	6.2	9.6	6.7	8.2	7.8	8.4	8.8	9.5	7.9	8.4
26	52.7	53.3	55.2	54.5	57.0	58.2	55.2	7.1	11.2	15.3	16.8	9.2	4.8	10.7	16.9	2.5	9.7	14.4	7.4	6.8	6.2	5.8	6.4	5.9	6.4
27	57.8	58.4	58.7	57.2	57.1	56.2	57.6	3.0	2.8	8.0	11.3	10.4	9.1	7.4	11.4	2.3	6.9	9.1	5.6	5.4	6.1	6.9	8.5	8.4	6.8
28	54.1	53.0	50.0	50.3	53.1	55.6	52.7	9.1	8.8	9.2	10.9	10.6	10.9	9.9	12.7	8.5	10.6	4.2	8.4	8.3	8.3	9.2	7.9	6.4	8.1
29	55.8	57.3	57.7	55.2	52.6	48.6	54.6	10.3	8.7	11.8	11.7	10.3	11.0	10.6	12.7	7.8	10.3	4.9	6.1	6.5	7.3	7.8	8.3	8.8	7.5
30	43.7	42.6	**41.1**	42.0	46.9	50.4	44.5	10.7	11.6	13.3	11.2	7.2	6.1	10.0	14.2	5.2	9.7	9.0	9.0	6.7	5.1	5.4	5.6	5.7	6.3
31	52.3	53.3	56.3	56.7	57.5	58.6	55.8	4.0	1.6	6.1	8.4	5.3	5.7	5.2	9.6	1.6	5.6	8.0	5.7	5.0	5.8	5.0	5.4	6.2	5.5
Mean	57.5	57.8	57.9	56.8	57.5	58.1	57.6	9.9	9.0	14.3	16.6	13.0	11.1	12.3	17.7	7.5	12.6	10.1	8.7	8.1	8.9	9.1	9.3	9.0	8.9

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h
1	97	98	63	51	80	93	80	—	0.0	—	0.2	NNW	3.0	NW	3.0	WSW	2.0	E	0.9	1.5	2.3
2	93	96	92	47	81	94	84	ENE	1.7	E	2.6	NNW	6.9	NNW	4.6	WNW	2.6	NW	1.5	3.3	2.4
3	100	100	76	44	76	97	82	WNW	1.7	WNW	0.9	—	0.4	WNW	2.6	W	4.0	NW	1.5	1.9	1.5
4	98	98	66	62	86	92	84	—	0.2	—	0.2	N	0.9	NNW	0.7	SE	2.6	WSW	0.7	0.9	1.4
5	94	97	73	78	92	96	88	ENE	0.9	NW	0.9	WNW	0.9	—	0.2	SW	2.8	NW	1.3	1.2	1.3
6	96	96	81	75	92	81	87	WNW	1.3	NNW	1.5	NW	1.3	WSW	0.7	SSE	1.1	NNW	6.1	2.0	2.1
7	86	89	56	45	85	96	76	NW	6.1	NW	4.4	NNW	2.0	N	1.3	—	0.4	WNW	0.7	2.5	3.1
8	98	98	78	47	82	94	83	NW	1.1	—	0.0	E	0.7	S	2.6	SE	3.2	SE	0.9	1.4	1.6
9	98	98	85	79	90	92	90	WNW	1.7	—	0.0	—	0.4	SSE	2.2	SSW	2.2	SSE	5.7	2.0	2.2
10	95	98	86	79	85	79	87	S	4.0	SSW	3.0	NNW	1.7	NW	5.2	NE	1.5	WNW	3.0	3.1	2.7
11	97	95	79	58	93	96	86	—	0.4	—	0.0	NNW	0.7	SSE	3.6	SSE	4.6	SSE	2.8	2.0	2.6
12	99	100	74	69	88	95	88	WSW	0.9	SE	2.2	E	1.3	SSE	4.0	SSE	1.7	SW	1.3	1.9	1.9
13	97	97	70	72	95	96	88	—	0.4	NE	1.3	SSE	4.8	SSE	4.0	SW	0.7	SSW	2.0	2.2	2.2
14	95	97	70	68	86	94	85	S	1.1	SSW	0.9	NE	2.0	N	3.2	—	0.2	SE	0.7	1.4	1.8
15	100	99	76	61	84	96	86	S	1.1	—	0.4	NE	1.3	S	1.7	SSE	3.2	—	0.0	1.3	1.5
16	97	97	58	54	70	89	78	N	1.5	N	3.2	NNE	4.0	NE	3.2	NE	2.2	W	2.0	2.7	2.1
17	94	98	73	70	83	95	86	WNW	1.5	NW	1.1	NNW	2.2	SSE	2.2	SSE	4.2	E	1.5	2.1	1.7
18	95	97	80	86	81	93	89	SSW	1.1	S	0.9	SSE	2.4	ESE	5.9	SE	5.5	SE	2.6	3.1	3.2
19	95	96	96	95	70	81	89	S	3.8	S	1.7	WNW	1.7	N	2.4	NNW	6.5	N	1.7	3.0	2.6
20	69	78	63	71	66	89	73	WNW	5.0	NW	1.1	WNW	3.8	SE	1.3	NW	4.0	SSE	1.1	2.7	2.9
21	95	98	81	49	81	94	83	—	0.4	NNW	2.0	NNE	1.1	NW	1.3	SW	2.2	WNW	2.0	1.5	1.2
22	95	98	82	60	73	74	80	NW	2.2	—	0.0	ENE	2.4	WNW	3.6	S	3.0	SW	0.9	2.0	2.6
23	87	66	45	47	60	87	65	—	0.4	NNW	3.0	WNW	6.3	W	7.3	WNW	5.2	NNE	0.7	3.8	4.2
24	96	98	69	53	77	86	80	—	0.4	NE	0.7	WSW	1.3	SSE	6.5	SSE	3.6	SSE	3.4	2.7	2.8
25	91	95	86	82	93	98	91	SSE	1.5	N	1.7	NNW	0.7	NE	0.7	ESE	1.3	WNW	1.1	1.2	1.6
26	98	69	48	**40**	73	91	70	NNW	0.7	NNW	5.2	NW	6.5	WNW	4.4	W	3.2	N	0.9	3.5	3.6
27	98	96	76	69	90	97	88	—	0.4	—	0.0	NNW	0.9	NNW	1.1	—	0.0	—	0.4	0.5	1.1
28	97	98	96	94	83	66	89	—	0.4	NW	3.2	NNW	4.8	NNE	4.2	NNW	3.8	NNE	3.4	3.3	3.1
29	66	78	71	77	89	90	79	NNW	2.2	NW	3.0	SSE	2.4	SSE	1.7	—	0.2	S	3.4	2.2	2.4
30	94	66	44	55	75	81	69	SSE	3.2	E	3.2	SW	10.0	SW	**16.8**	WSW	7.1	WNW	1.5	7.0	6.6
31	95	98	82	61	82	90	85	NE	2.6	—	0.4	ENE	1.5	SW	8.2	SSE	2.8	S	4.8	3.4	4.0
Mean	94	93	73	64	82	90	83		1.6		1.6		2.6		3.6		2.8		2.0	2.4	2.5

* Reduction: to standard gravity, −0.4; to mean sea level, +5.7

OCTOBER, 1949.

Day	DIRECTION AND SPEED OF CLOUDS × 2	6	10	14	18	22	AMOUNT (0–10) AND FORMS OF CLOUDS 2	6	10	14	18	22	Mean	PRECIPITATION 22-2	2-6	6-10	10-14	14-18	18-22	Total
1	—	—	W7	W8	—	—	10 As,Ns	10 ≡,Sc	7 Sc,Cu,Ci	5 Cu,Ci	1 Cu,Ac	10 Ns	7.2	0.8	0.0	—	0.0	—	0.0	0.8
2	—	W7	—	W7	W7	—	10 As	10 Sc,Ns	9 Ns,Sc	6 Sc,Cu	9 Sc	1 Ac	7.5	1.3	—	0.3	0.0	—	—	1.6
3	—	—	—	—	—	—	8 ≡	10 ≡	3 Sc,Cu	5 Cu	0 Cu	1 Sc	4.5	—	—	—	—	—	—	—
4	—	—	—	W7	—	—	8 ≡,Sc	10 ≡,Ci	9 Ci,Sc,Cu	10 Sc,Cu	8 Ci,Sc,Ac	10 Sc	9.2	—	—	—	—	—	—	—
5	—	—	—	—	—	—	7 Sc	10 Sc,Ac	10 Sc	10 Sc,St	10 St	10 St	9.5	—	—	—	—	0.7	—	0.7
6	—	—	—	—	—	—	10 Ns,Sc	10 Ns,Sc	10 Ns	10 As,Ns	10 Sc	10 Sc	10.0	0.1	0.2	0.3	0.1	0.4	—	1.1
7	—	—	—	—	—	—	9 Sc	6 Ac,As	7 Ac,Cu	3 Cu	0 Cu	3 Cu	4.7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	10 Cs,Ci	10 ≡	1 Sc,Ci	10 Cs,Sc	8 Sc	1 Ac	6.7	—	—	—	—	—	—	—
9	—	—	—	—	—	—	0 Cu	10 St,≡	10 St	10 Sc	10 Ns	10 Ns	8.3	—	—	—	—	0.1	1.6	1.7
10	—	—	W7	—	—	—	10 Ns	10 Ns	7 Sc,St,Cs	10 Ns,Sc	4 Cc,Ci,St	0 Sc	6.8	0.3	2.4	0.3	1.7	0.1	—	4.8
11	—	—	—	—	—	—	0 Cc,Ci	3 Sc,St,Cs	5 Sc.Cc	8 Sc,Cs	8 Sc,Ns	10 Ns,Sc	5.7	—	—	—	—	4.5	1.8	6.3
12	—	—	—	—	—	—	0 Sc	10 ≡	7 Cs,Cu	10 As,Ac,Cu	10 As	10 Ns,St	7.8	0.2	—	—	—	—	0.1	0.3
13	—	—	S7	—	—	—	10 Ns	10 St	10 Cs,Ac,Sc	10 Cs,Sc	10 St	10 Ns	10.0	0.3	0.0	—	—	6.8	0.5	7.6
14	—	W7	—	W7	—	—	9 Sc	10 Sc,As	10 Cs,Sc	10 Cs,Sc	3 Sc	10 Cs,Sc,Ci	8.7	2.4	—	—	—	0.0	—	2.4
15	—	—	—	—	—	—	10 ≡	10 ≡	7 Sc,Ci	7 Sc,Ci	10 Sc	10 Cs,Sc	9.0	—	—	—	—	—	—	—
16	—	—	W7	—	—	—	10 Sc	9 Ns,Sc,Cs	8 Cu,Cc,Ac	3 Cu,Cc	8 Sc	0 Ac	6.3	—	0.2	0.0	—	—	0.0	0.2
17	—	—	—	—	—	—	8 Ac,Cc	2 Cc	2 Sc,Cu	9 Sc,Cu	10 Sc	10 St	6.8	—	—	—	—	0.0	0.2	0.2
18	—	—	S7	—	—	—	10 Sc	10 Sc,Cc,Ci	10 Sc	10 Cs,Sc,Ns	10 Sc	10 Ns	10.0	—	—	—	0.0	—	1.3	1.3
19	—	—	—	W8	—	—	10 Ns	10 Ns	10 Ns	10 Ns,As,Cc	1 Ac	10 St	8.5	2.9	6.1	4.8	3.5	0.0	0.3	17.6
20	—	W8	W7	W7	—	—	2 St	8 Sc,St,Cc	10 Sc	10 Sc	9 Sc	9 Sc	8.0	—	—	—	0.8	—	—	0.8
21	—	—	—	—	—	—	6 Sc	6 Ci,Sc	2 Cu,Ci	2 Cu,Ci	4 Ac,Cu	6 Ac,As	4.3	—	—	—	—	—	—	—
22	—	—	W5	W8	—	—	10 AS	8 Ac,As,Sc	10 Ac,Cs,Cu	10 Sc,Cs,Cu	7 Cs,Sc	2 Sc	7.8	—	—	—	0.0	—	0.0	0.0
23	—	—	—	W8	—	—	4 Cu	1 Cu	2 Cu	7 Sc,Cu	0 Sc	0 Sc	2.3	—	—	—	—	—	—	—
24	—	—	—	—	—	—	0 Cu	0 —	0 Ci	5 Ci,Sc	9 Sc,Cs	10 Cs,Sc,St	4.0	—	—	—	—	—	—	—
25	—	—	—	—	—	—	10 As,Sc	10 As,Sc,Cs	10 As,Sc	10 As,Sc	10 Ns	0 —	8.3	—	—	—	—	0.2	0.0	0.2
26	—	—	—	—	—	—	10 ≡	1 Cu	0 Sc	1 Sc,Cu	0 —	0 —	2.0	—	0.2	—	—	—	—	0.2
27	—	—	—	—	—	—	8 Sc	10 Cs,Cc,St	10 As	10 As,Sc	10 As,Sc	10 Ns	9.7	—	—	—	—	—	0.7	0.7
28	—	—	—	W7	—	—	10 Ns	10 Ns	10 Ns	10 Sc,Ns	0 Cu	3 Sc	7.2	9.0	6.8	9.8	3.0	0.2	—	28.8
29	—	W8	—	—	—	—	10 Sc	10 Sc,Ci	10 Sc	10 Sc	10 Sc	10 Sc	10.0	—	—	—	—	—	0.1	0.1
30	—	W8	—	W8	—	—	10 Sc	9 Sc,Ac	10 St,Sc	9 NS,Sc	8 Ns,Sc	10 Ns	9.3	—	—	—	1.4	0.7	1.0	3.1
31	—	—	—	W7	W7	—	10 Sc	6 St,Sc	8 St,Ac,Ci	8 Sc,Cu,St	5 Sc	10 Ns,Sc	7.8	2.7	—	1.5	0.0	—	0.3	4.5
				7.7	8.0	7.2	8.0	6.5	6.6	7.4	20.0	15.9	17.0	10.5	13.7	7.9	85.0			

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm Open Air	in the Shelter	REMARKS
1	7.29	(3.1)	1.3	◊ 0a. ◊ 2p. ● 00240—0250, ≡ 10410— ≡ 30540— ≡ 10625—0720. ● 01250—1310,2158—2252.
2	4.73	3.1	1.0	◊ 1, ⏢ 1p. ● 00603—1032.
3	6.28	2.9	1.1	⏢ 1, ∞ 0a. ◊ 1, ⏢ 1p. ≡ 50100— ≡ 40748— ≡ 30813— ≡ 20820—0850.
4	4.52	2.1	0.8	◊ 0, ∞ 0a. ◊ 0p. ≡ 30120— ≡ 50220— ≡ 40430— ≡ 30740— ≡ 20810—0840.
5	—	(0.8)	0.5	● 01524—1720.
6	—	(2.3)	1.1	● 00148—0230,0547—0639,0746—0920,0925—1025,1145…1215,1225…1240,1315…1343—1350,*
7	7.23	2.4	0.4	◊ 2a. ◊ 2, ⏢ 1p. *⌊ ● 01415…1425,1515…1525—1535…1555—1630…1720.
8	5.70	2.5	0.9	⏢ 1, ⩔ 0a. ◊ 0, ⏢ 0p. ≡ 20430— ≡ 40650— ≡ 30810— ≡ 20843—0855.
9	—	(1.2)	0.5	⏢ 1a, ∞ 0p. ≡ 20355— ≡ 10547—0650. ● 01630—1640,1734…1810— ● 11829— ● 01830—
10	2.18	(2.1)	0.9	∞ 0a, ◊ 0p.— ● 0—0655,1345— ● 11352— ● 01403…1640.
11	3.91	(2.5)	0.7	⏢ 1, ∞ 0, ◊ 2a. ◊ 1p. ● 01536— ● 11635— ● 01647—1705…1720,1840…2246.
12	4.90	(2.2)	0.8	◊ 1a,p. ≡ 20420— ≡ 50506— ≡ 40634—20700—0730. ● 02150…, ◹ 0w2207—,… ● 0…2210.— ◹ 0—2215.
13	2.75	(2.5)	0.8	∞ 0a. ● 00035—0215…0220,1503— ● 11505— ● 01509— ● 11516— ● 21517— ● 01519—, ⊤ 0z1529.— ● 0—1525,1944…
14	3.31	1.6	0.7	◊ 0p… ● 0…0149,1715—1720.
15	3.87	(2.8)	0.9	◊ 1, ⏢ 0p. ≡ 40100— ≡ 30740— ≡ 20800—0810.
16	6.55	3.7	1.2	⏢ 0, ◊ 0a. ◊ 0p. ● 00300—0635,2003—2010.
17	5.29	(1.8)	0.8	∞ 0, ◊ 0a. ● 01411—1418,2100—2138.
18	1.45	(1.9)	0.9	● 01220…1230,1945—2220,2258—
19	0.78	(1.0)	1.0	—● 0— ● 10125— ● 00240— ● 10430— ● 00450— ● 10536— ● 00538— ● 10635— ● 00640— ● 10700— ● 00705—1412.**
20	2.15	(1.4)	0.8	◊ 1a. ∞ 0p. ● 01038—1125. **⌊ ● 02002—2015.
21	8.90	2.2	0.7	⏢ 1, ◊ 0a. ◊ 0, ⏢ 0p.
22	2.26	3.1	1.8	⏢ 0, ◊ 0 ∞ 0a. ◊ 1p. ● 01333—1338,2045—2047.
23	7.45	3.8	2.0	◊ 1, ∞ 0a. ◊ 0, ∞ 0, ⏢ 0p.
24	8.80	2.5	1.2	⏢ 0, ⊔ 0, ⊟ 0, ∞ 0a. ∞ 0p.
25	—	(1.5)	0.8	⏢ 0, ∞ 0a, ∞ 0p. ● 01410—1415,1740—1825.
26	9.60	3.3	1.8	◊ 2a,p. ≡ 30040— ≡ 20405—0440.
27	0.35	(1.1)	0.4	⏢ 1, ∞ 0a. ∞ 0p. ● 01930—
28	0.57	(0.8)	0.6	—● 0— ● 10040— ● 20113— ● 10145— ● 00210— ● 10315— ● 00420—-1345,1720—1750.
29	0.13	(1.7)	1.0	◊ 1a. ● 11952—1958. ***⌈ 1710,1830.
30	4.30	(1.1)	1.0	◡ 0p. ● 01010—1045,1122—, ◤ 0900—0920,1010—1030,1140—1150,1240,1330—1440,1500—1520,1620—1640,***
31	6.40	(2.1)	1.0	⊟ 1, ∞ 0, ◊ 1a. ◊ 1p.— ● 0— ● 10025— ● 00040—0120,0650— ● 10705— ● 00715—0725,0805—0815,1347—1352,2040…
Mean	3.92	2.8	0.9	

× See Page 3.

NOVEMBER, 1949

Day	AIR PRESSURE (700mm+)* mm							AIR TEMPERATURE °C										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	57.3	57.5	57.4	56.2	57.1	56.7	57.0	5.1	6.0	13.2	14.5	10.3	8.9	9.7	16.1	5.0	10.6	11.1	5.3	5.5	6.7	7.3	7.3	7.6	6.6
2	56.6	56.5	57.3	57.5	58.4	59.9	57.7	7.7	6.1	9.5	10.1	5.5	4.1	7.2	10.9	2.7	6.8	8.2	6.4	6.6	5.9	4.7	4.5	5.4	5.6
3	60.2	62.0	62.9	61.6	62.6	63.0	62.1	2.1	−0.9	7.9	8.9	6.8	1.6	4.4	9.9	−1.0	4.5	10.9	4.5	4.1	5.0	4.2	5.0	4.8	4.6
4	62.3	61.7	61.0	57.9	56.9	54.4	59.0	−0.4	−0.3	7.8	12.1	8.9	7.3	5.9	12.7	−0.4	6.2	13.1	4.4	4.5	5.9	5.4	6.5	7.3	5.7
5	50.0	48.0	47.8	48.5	51.2	53.7	49.9	6.6	6.8	9.9	12.4	9.5	6.7	8.7	14.1	6.4	10.3	7.7	7.1	7.1	8.2	7.6	6.6	7.0	7.3
6	54.2	55.3	56.1	56.5	58.8	60.3	56.9	4.9	5.1	10.5	10.8	8.4	5.1	7.5	11.8	4.9	8.4	6.9	6.5	6.6	7.6	7.0	6.0	5.6	6.6
7	60.5	61.3	61.1	58.8	59.7	60.7	60.4	4.5	2.4	10.3	9.2	8.5	7.2	7.0	10.7	2.4	6.6	8.3	5.6	5.1	6.3	7.8	5.5	6.5	6.1
8	60.8	62.6	63.6	62.2	61.8	61.4	62.1	7.5	6.7	9.7	11.7	5.2	2.5	7.2	12.5	2.0	7.3	10.5	4.7	4.9	5.0	5.1	5.6	5.2	5.1
9	59.8	58.2	58.6	57.7	59.5	60.1	59.0	1.5	0.3	9.4	10.3	6.7	4.6	5.5	11.1	0.2	5.7	10.9	5.0	4.6	6.5	4.9	4.2	4.7	5.0
10	59.2	59.4	60.1	59.3	60.9	61.7	60.1	4.0	2.2	7.7	8.0	5.3	3.5	5.1	9.0	1.7	5.4	7.3	4.5	3.8	3.7	3.9	3.7	4.0	3.9
11	62.1	62.4	63.6	62.6	63.8	63.7	63.0	1.7	−0.9	7.1	9.0	2.8	−0.8	3.2	10.7	−1.0	4.9	11.7	3.8	3.6	4.0	4.1	4.8	4.2	4.1
12	62.2	61.1	61.1	58.1	57.4	57.1	59.5	−3.3	−1.9	0.5	5.0	4.9	2.2	1.2	6.8	−3.1	1.9	9.9	3.6	4.0	4.5	5.5	5.8	5.2	4.8
13	57.4	58.0	57.5	53.6	51.8	49.2	54.6	1.7	3.3	10.5	10.8	10.1	9.9	7.7	12.7	1.3	7.0	11.4	5.1	5.7	7.9	8.6	9.2	9.1	7.6
14	**47.3**	47.6	50.4	51.4	53.3	54.4	50.7	9.5	9.5	12.8	14.0	8.9	8.1	10.5	**17.8**	6.1	12.0	11.7	8.7	8.7	**10.0**	6.7	5.8	5.6	7.6
15	56.2	58.6	60.6	59.1	60.3	60.2	59.2	5.1	2.7	3.4	3.6	3.1	3.4	3.6	6.8	1.0	3.9	5.8	4.7	4.6	3.9	3.6	4.1	4.2	4.2
16	60.4	61.8	62.7	61.0	60.3	57.1	60.6	3.9	2.9	6.3	8.9	1.9	5.1	4.8	9.4	1.8	5.6	7.6	3.8	3.3	3.6	4.0	4.5	4.6	4.0
17	52.1	49.5	52.7	52.0	53.4	54.3	52.3	7.9	6.9	7.1	4.9	1.5	−0.2	4.7	9.3	−0.3	4.5	9.6	6.4	6.4	5.3	4.0	4.1	4.5	5.1
18	55.1	57.6	60.0	60.8	63.0	64.5	60.2	−0.7	−1.5	0.2	−0.1	0.6	−1.4	−0.5	1.8	−1.5	0.2	**3.3**	4.2	4.0	4.0	4.2	3.3	3.7	3.9
19	66.0	67.8	69.4	68.2	68.9	70.1	68.4	0.4	−0.8	2.5	6.5	1.6	−0.5	1.6	6.9	−1.6	2.7	8.5	3.0	3.3	3.5	4.2	4.5	4.3	3.8
20	70.4	71.5	**72.1**	70.5	71.0	71.6	71.2	−2.0	−2.9	0.8	3.5	2.4	2.3	0.7	4.1	−2.9	0.6	7.0	4.0	3.7	3.9	4.0	4.5	4.0	4.0
21	71.6	71.9	72.0	68.3	69.4	68.6	70.3	1.1	0.1	3.8	9.1	3.9	1.5	3.3	9.6	−0.1	4.8	9.7	3.8	3.8	4.2	5.5	5.2	4.9	4.6
22	66.4	64.7	63.3	59.3	58.3	56.4	61.4	−0.8	1.3	11.2	13.9	11.0	9.7	7.7	14.2	−0.9	6.7	**15.1**	4.3	4.9	6.7	7.7	8.8	8.4	6.8
23	54.4	54.5	55.4	55.3	56.1	57.5	55.5	9.6	9.2	9.3	9.3	6.9	5.6	8.3	10.3	4.8	7.6	5.5	7.8	7.7	6.3	5.8	5.3	4.8	6.3
24	56.9	55.5	55.7	55.1	58.6	61.0	57.1	4.3	3.3	3.8	6.5	4.6	1.1	3.9	6.7	−0.5	3.1	7.2	4.4	4.1	4.3	4.6	4.6	4.6	4.4
25	61.8	63.5	65.0	64.4	65.9	66.8	64.6	−1.6	−0.9	4.2	9.1	2.2	−0.3	2.1	10.3	−1.7	4.3	12.0	4.0	4.1	5.0	4.8	4.8	4.2	4.5
26	67.3	68.1	67.9	65.5	66.6	67.6	67.2	−0.6	−1.8	1.9	7.6	5.5	2.9	2.6	8.3	−2.4	3.0	10.7	3.9	3.7	4.2	4.7	5.6	5.0	4.5
27	67.1	67.7	68.2	66.0	67.2	67.4	67.3	1.9	−0.8	4.4	7.2	4.1	3.0	3.3	7.9	−1.0	3.5	8.9	4.4	4.0	4.0	3.8	4.9	4.7	4.3
28	66.5	67.0	68.0	66.5	68.1	69.2	67.6	1.8	0.6	4.1	8.3	0.8	−2.8	2.1	8.9	−3.3	2.8	12.2	4.6	4.6	3.9	2.9	4.0	3.6	3.9
29	70.4	71.3	71.9	70.2	70.7	70.7	70.9	−4.5	−5.9	1.9	7.7	0.3	−2.7	−0.5	8.4	**−6.1**	1.2	14.5	3.1	**2.9**	3.2	3.3	3.9	3.6	3.3
30	70.6	70.3	69.7	66.6	66.6	65.7	68.3	−3.9	−4.3	0.6	8.6	5.2	2.8	1.5	10.0	−4.6	2.7	14.6	3.3	3.3	3.5	4.9	5.3	5.3	4.3
Mean	60.8	61.1	61.8	60.4	61.3	61.5	61.1	2.5	1.8	6.4	8.7	5.2	3.3	4.7	10.0	0.3	5.1	9.7	4.8	4.8	5.2	5.2	5.3	5.2	5.1

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h
1	82	79	59	59	78	89	74	SSE	6.5	SSE	6.7	SSE	7.6	WSW	10.8	NNE	1.1	—	0.4	5.5	4.7
2	82	93	67	52	66	87	75	NNW	2.8	—	0.2	NNW	4.4	W	4.4	W	7.6	WSW	0.9	3.4	3.8
3	84	95	63	50	68	94	76	W	3.4	W	0.9	NW	3.0	NW	5.7	NW	6.3	SSW	1.7	3.5	3.1
4	100	100	75	52	77	95	83	—	0.4	ESE	1.1	S	1.7	SE	3.4	SE	2.2	W	0.7	1.6	1.9
5	98	97	90	71	75	95	88	N	1.3	NW	3.0	WNW	5.4	W	4.2	W	3.6	NE	2.0	3.3	2.5
6	100	100	81	72	73	85	85	ESE	1.5	SE	1.7	ENE	0.7	N	2.4	NW	4.8	NW	1.7	2.1	2.5
7	89	94	68	90	66	86	82	NNW	1.5	SE	1.5	SE	6.7	S	4.2	W	8.4	NNE	9.1	5.2	3.4
8	61	67	55	50	85	96	69	NNW	8.4	N	4.4	NW	5.4	NW	4.2	NW	0.7	E	0.7	4.0	3.6
9	98	98	74	53	57	75	76	—	0.0	WSW	2.0	N	5.9	NW	5.9	W	3.2	NNW	3.0	3.3	3.6
10	75	71	48	50	56	69	62	NNW	5.2	NNE	3.2	WNW	9.6	WNW	8.2	NNW	3.6	NW	2.2	5.3	5.1
11	73	85	54	48	87	97	74	NW	1.5	NE	2.4	NNW	3.0	NW	3.8	ESE	0.7	E	1.7	2.2	2.5
12	100	100	96	85	89	98	95	—	0.4	—	0.2	—	0.0	ENE	1.3	NNW	1.7	W	1.5	0.9	1.0
13	98	98	83	90	100	100	95	ESE	1.1	NNE	0.7	WSW	2.2	ESE	3.6	NW	1.3	NNE	1.7	1.8	1.7
14	98	98	91	56	68	70	80	NNW	1.1	N	1.5	ENE	1.5	W	9.6	NW	6.3	NW	2.2	3.7	4.4
15	72	83	67	61	72	72	71	WNW	5.5	NNW	6.9	NW	7.4	NNW	6.7	NNE	4.0	W	4.4	5.8	5.9
16	63	58	50	48	86	70	63	WNW	**12.4**	WNW	5.2	NE	4.0	—	0.4	SW	2.0	SSE	4.6	4.8	5.0
17	81	86	70	62	81	100	80	SSE	4.8	SW	1.1	WNW	3.2	WNW	4.4	NW	6.5	NNW	3.6	3.9	5.6
18	97	97	85	93	70	90	89	NNW	1.5	—	0.4	NNE	1.3	N	1.7	NW	5.5	NE	1.3	2.0	1.5
19	64	76	64	58	88	97	75	NNW	5.7	W	2.0	ENE	2.0	ESE	1.1	ENE	1.7	N	0.7	2.2	2.3
20	100	100	80	69	83	74	84	W	0.7	WNW	1.7	WNW	2.0	WNW	1.7	NW	0.9	NNW	2.4	1.6	1.3
21	77	83	71	65	86	96	80	NW	4.0	NNW	2.0	NW	1.3	SE	2.8	SE	2.2	SE	1.1	2.2	2.9
22	100	98	68	65	90	94	86	—	0.0	—	0.2	SE	5.5	SSE	6.9	S	3.2	NNE	0.9	2.8	3.4
23	87	88	72	67	71	71	76	NNW	1.1	—	0.2	NW	6.9	NNW	4.6	NNW	6.3	N	4.0	3.9	5.0
24	72	72	72	63	73	94	74	N	4.0	NNW	5.4	NNW	8.4	N	4.6	N	1.7	W	1.3	4.2	5.0
25	97	95	81	56	90	95	86	E	1.5	N	0.9	NNW	2.0	NW	2.8	NW	0.9	NW	1.5	1.6	1.5
26	90	92	81	61	84	89	83	NNW	2.2	—	0.2	NNW	1.7	—	0.0	WSW	1.7	NE	2.6	1.4	1.7
27	84	93	65	50	81	83	76	NNW	5.0	W	1.1	NW	1.3	NW	2.2	WNW	1.1	NE	0.7	1.9	2.0
28	88	96	65	**36**	84	97	78	N	0.9	—	0.0	NNW	3.4	N	1.3	—	0.2	WNW	1.5	1.2	1.2
29	94	97	62	43	83	95	79	—	0.0	NW	0.7	N	2.2	W	1.3	—	0.0	—	0.2	0.7	1.2
30	97	97	74	59	75	94	83	NW	1.5	—	0.4	NNW	0.9	W	0.9	SSE	3.8	NNW	1.7	1.5	1.5
Mean	87	90	71	61	78	88	79		2.9		1.9		3.7		3.8		3.1		2.1	2.9	3.0

* Reduction: to standard gravity, −0.4; to mean level, +5.9

NOVEMBER, 1949.

Day	DIRECTION AND SPEED OF CLOUDS × 2	6	10	14	18	22	AMOUNT (0–10) AND FORMS OF CLOUDS 2	6	10	14	18	22	Mean	PRECIPITATION 22-2	2-6	6-10	10-14	14-18	18-22	Total
1	—	—	—	—	W8	—	9 St	6 Sc	3 Sc	7 Sc,Ac	10 Sc	10 Sc	7.5	0.4	—	—	—	—	—	0.4
2	—	W7	—	W8	—	—	10 Sc	10 Sc,Ac	10 Sc,As	4 Sc	8 Sc	10 Ns	8.7	—	0.2	—	0.0	—	0.0	0.2
3	—	—	—	W7	W7	—	2 Sc	1 Sc	2 Sc,Cu	9 Sc,Cu	9 Sc,Cu	1 Cu	4.0	0.1	—	—	—	—	—	0.1
4	—	—	—	—	—	—	10 Cs,Ci	10 Cs,Ci,Cu	10 Cs,Ac	10 As,Ac	10 As	10 Ns	10.0	—	—	—	—	—	0.6	0.6
5	—	—	W9	W8	W8	—	10 Ns	10 Ns,Sc	8 Ns,Sc	9 Ns,Cu	9 Ns,Sc	8 Ns,Sc	9.0	4.9	0.8	1.3	0.2	0.2	4.4	11.8
6	—	W8	—	W8	—	—	8 Sc,Cs	9 Sc	10 Sc	10 Sc	4 Sc,Cu	0 Sc	6.8	0.7	0.4	—	0.1	0.0	—	1.2
7	—	W7	—	—	W8	—	5 Sc	7 Ns,Sc	10 Cs,Sc	10 Ns	10 Sc,Ns	10 Sc	8.7	—	—	0.1	2.8	1.7	0.2	4.8
8	—	W7	W7	—	—	S5	4 Sc	5 Sc	6 Sc	2 Cu	5 Ci	10 Ac	5.3	—	—	—	—	—	—	—
9	—	—	W7	—	—	—	10 Ac	6 Cs,Ac	10 Sc,Ci,Cu	10 Ci,Sc	10 Cs,Sc	10 As,Cs	9.3	—	—	—	—	—	—	—
10	—	—	W7	—	—	—	9 Ac	0 Sc	7 Sc	5 Sc,Cu	7 Sc	7 Sc	5.8	—	—	—	—	—	—	—
11	—	—	—	W7	—	—	0 —	4 Cc,Sc	0 Cu	2 Cu	0 —	0 Cs	1.0	—	—	—	—	—	—	—
12	—	—	—	—	—	—	5 Cs	10 Ac,Cs	10 As	10 As	6 Sc,Ac	5 Sc,Ci	7.7	—	—	—	—	0.1	—	0.1
13	—	—	—	—	—	—	10 Sc	10 Sc	10 St	10 Ns	10 Ns	10 St	10.0	—	—	—	0.6	8.0	5.0	13.6
14	—	—	W8	—	—	—	10 Cs	10 Ns	7 Sc	4 Cu,St	4 Cs,Sc	5 Sc,Cs	6.7	—	0.5	0.6	0.0	—	—	1.1
15	—	—	—	W9	—	—	8 Sc,Cs	9 Ns,Sc	4 Ns,Cu	5 Cu	9 Sc	0 Sc	5.8	—	0.1	0.0	0.0	—	—	0.1
16	—	—	—	—	—	—	0 St	1 Cu,Ci	0 Sc	0 Sc	1 Sc	10 St	2.0	0.4	—	—	—	—	—	0.4
17	—	W8	W8	—	—	—	10 St	10 Sc,Ns	8 Ns,Sc	10 Ns	10 Ns	10 Ns	9.7	—	0.2	0.4	0.0	0.0	0.4	1.0
18	—	—	—	—	—	—	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	10 St	10.0	3.0	8.8	2.0	0.2	0.1	—	14.1
19	—	—	N8	W8	—	—	10 Sc	10 Sc,St	10 Cs,Sc,Ci	10 Sc,Cs	4 Sc	0 —	7.3	—	—	—	—	—	—	—
20	—	—	—	—	—	—	0 —	1 Ac	10 Ac	10 Ac	10 Sc	10 sc	6.8	—	—	—	—	—	—	—
21	—	—	—	—	—	—	10 Sc	10 Sc	0 Sc,Cu	7 Sc	0 —	10 Sc	6.2	—	—	—	—	—	—	—
22	—	—	—	W7	—	—	0 —	10 As	1 Ac	5 Cs,Sc,Ac	10 Ns	10 Ns	6.0	—	—	—	—	0.2	0.8	1.0
23	W7	—	—	—	—	—	10 St	10 Sc	10 Sc	10 Ac,Sc	10 Sc	10 Sc	10.0	0.1	—	—	—	—	—	0.1
24	—	—	—	SW5	—	—	10 Sc	10 Sc	10 As,Sc	8 Ac,As,Sc	10 Sc,Ac	1 Sc	8.2	—	—	—	—	—	—	—
25	—	—	W8	W8	W8	—	3 Cs	10 Sc	9 Sc,Ac	7 Sc,Cc	4 Sc	0 Sc	5.5	—	—	—	—	—	—	—
26	—	W8	—	—	—	—	3 Sc	10 Cs,Sc	10 Cc,Sc	6 Sc,Cc,Ac	9 Cs,Ac,Sc	8 As	7.7	—	—	—	—	—	—	—
27	—	—	—	W5	—	—	10 As	10 Sc,Ac,Cc	10 Ac,Cc	9 Ac,Ci,Sc	10 As	10 Sc	9.8	—	—	—	—	—	—	—
28	—	—	W4	—	—	—	10 As	9 As,Cs,Ci	9 Ac	0 Ac	0 —	0 —	4.7	—	—	—	—	—	—	—
29	—	—	—	—	—	—	0 —	0 —	0 —	1 Ci	1 Ci	0 —	0.3	—	—	—	—	—	—	—
30	—	—	—	—	—	S5	2 Cs	5 Cs	0 Sc	1 Cu,Ci	10 Cs,Ci	10 Ac	4.7	—	—	—	—	—	—	—
							6.6	7.4	6.8	6.7	7.0	6.5	6.8	9.6	11.0	4.4	3.9	10.3	11.4	50.6

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm: Open Air	in the Shelter	REMARKS
1	5.14	(2.0)	1.2	…●⁰…0020.◤1350,1400.
2	2.81	(1.8)	1.0	◊¹*a*.◊⁰*p*.●⁰0513—0531,1055—1110,1950…2025,2100…2215—2240.
3	5.45	2.3	1.1	⊟⁰⊔¹,◊¹,*a*.◊¹⊔⁰⊟⁰*p*.
4	1.68	(1.7)	0.9	⊔¹⊟⁰,∞⁰*a*.◊¹*p*.●⁰2052— *⌜—●⁰2142,2155—2210,2230—
5	1.98	(1.3)	0.7	—●⁰—0230,0536—0543,0559—0637…●¹0905—●⁰0913…1820—●¹1850—●⁰1855—●¹2005—●⁰2100—*
6	2.88	(1.2)	0.8	◊⁰,◠⁰*a*,◊⁰*p*.—●⁰—0105,0230—0550,1155—1215,1528—1532.
7	2.95	(2.2)	1.6	◠⁰*a*.●⁰0608—0715,1136—1414,1458—1607,1832—1844.
8	6.70	1.5	0.9	◊⁰*a*.◊¹*p*.
9	4.81	3.0	1.9	◊⁰*a*.◊¹*p*.≡¹0640—≡³0645—≡⁵0702—≡³0725—≡¹0740—0750.
10	8.10	2.7	1.8	◊⁰*a*,*p*.
11	7.65	2.3	1.7	⊔⁰,⊟⁰,◊²*a*,*p*.
12	—	(0.8)	0.2	⊔²,⊟¹,∞⁰*a*.∞⁰*p*.●⁰1440—1555.
13	0.77	(0.2)	0.2	●⁰1013—1022,1327—●¹1425—●⁰1442—●¹1547—●⁰1814—2116.
14	6.45	(3.1)	2.0	◊¹*a*,*p*.●⁰0524—0635,0712—0738,1325…1345. ◤1200—1340.
15	6.18	(2.5)	1.8	◊⁰*a*.◊¹*p*.●⁰0255…0330,0645—0615…⚹⁰0800…1050.◷¹231034.
16	8.27	(2.0)	1.2	◊²*a*,◊¹*p*.◤0130—0150,0200—0240,0310,0340—0400,0710,0740—0840.
17	4.55	(0.0)	1.1	●⁰0528—0552,0650…⚹⁰1310…1740—△⁰2215—⚹⁰2220—,⌧,⊠1930—
18	—	(1.3)	0.8	⊟¹*a*.⊟⁰*p*.—⚹⁰—1720.—⊠—
19	5.65	2.0	0.7	⊟⁰,◊¹*a*.◊⁰,⊟⁰*p*.—⊠—1320.
20	—	2.0	0·7	⊔¹,⊟¹,◊⁰*a*.◊⁰*p*.
21	5.03	2.3	0.4	⊟⁰,◊⁰,∞⁰*a*,◊⁰,∞⁰*p*.
22	4.43	(2.9)	1.2	⊔⁰,⊟⁰*a*.●⁰1625—1631,1742—2226.◤1210—1220.
23	—	2.2	1.6	◊¹*a*,◊⁰*p*.
24	1.40	2.7	0.8	◊⁰,∞⁰*a*.◊⁰,∞⁰,⊟⁰*p*.◤0140.
25	4.43	3.8	0.9	⊔¹,⊟⁰,∞⁰*a*.◊⁰,⊟⁰*p*.
26	2.35	2.4	0.5	⊟⁰,⊔¹,∞⁰*a*.∞⁰*p*.
27	2.92	2.0	0.5	⊟⁰,◊¹,∞⁰*a*.◊¹,∞⁰*p*.
28	4.31	2.6	1.1	◊⁰,∞⁰*a*.◊¹,∞⁰⊟⁰,⊔⁰*p*.
29	8.10	3.0	1.2	⊟¹,⊔¹,∞⁰*a*.∞⁰,⊟⁰,⊔⁰,⊍⁰*p*.
30	8.00	1.3	0.5	⊟¹,⊔¹,⁰◊⁰,ȣ⁰*a*.◊⁰,∞⁰*p*.
Mean	4.10	2.4	1.0	

× See Page 3.

DECEMBER, 1949.

Day	AIR PRESSURE (700mm+)* mm							AIR TEMPERATURE °C										TENSION OF VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Max.	Min.	Mean	Range	2	6	10	14	18	22	Mean
1	**64.5**	63.4	62.2	61.2	60.6	60.2	62.0	2.1	2.6	4.2	5.2	5.8	5.1	4.2	5.9	1.4	3.7	4.5	5.1	5.2	5.6	6.4	6.8	6.6	6.0
2	60.9	61.1	61.3	59.5	61.0	61.1	60.8	4.3	0.7	7.8	12.4	4.1	1.0	5.1	**13.2**	–0.1	6.6	13.3	6.2	4.8	6.4	5.4	5.6	4.8	5.5
3	60.4	60.4	59.9	57.3	57.8	57.7	58.9	1.3	0.1	5.0	10.3	6.6	3.9	4.5	10.4	–0.2	5.1	10.6	5.0	4.6	5.6	6.5	6.0	5.7	5.6
4	56.7	57.1	58.3	57.1	58.2	58.1	57.6	4.7	3.2	7.4	10.3	7.3	6.1	6.5	10.3	3.0	6.7	7.3	5.7	5.5	5.7	6.3	7.1	6.8	6.2
5	58.1	58.0	57.6	54.7	54.5	56.0	56.5	6.0	5.7	9.1	12.0	9.5	7.2	8.3	12.9	5.7	9.3	7.2	6.9	6.8	7.5	7.3	**8.6**	5.7	7.1
6	56.2	56.4	56.5	56.8	58.2	58.2	57.1	3.1	0.7	5.9	2.9	–0.5	–1.5	1.8	7.3	–2.1	2.6	9.4	4.9	4.4	4.7	4.2	3.5	3.8	4.3
7	56.6	55.7	54.9	53.2	53.0	53.2	54.4	–1.0	–2.3	0.2	0.5	0.1	–1.4	–0.6	0.7	–3.1	–1.2	3.8	4.3	3.9	3.9	4.2	4.6	4.1	4.2
8	54.7	57.7	60.4	60.3	60.8	60.9	59.1	–3.3	–4.8	–3.1	–2.3	–2.3	–2.5	–3.0	–1.3	–6.8	–4.0	5.5	3.6	3.2	2.5	3.5	3.9	3.8	3.4
9	60.2	61.0	61.8	60.6	61.5	61.6	61.1	–0.5	0.0	1.3	0.2	0.9	1.2	0.5	4.2	–2.8	0.7	7.0	4.0	3.6	3.5	4.3	3.3	3.0	3.6
10	61.1	61.4	61.3	59.0	59.0	56.2	59.7	1.0	–2.1	2.9	3.8	–0.6	–1.7	0.6	6.1	–2.4	1.9	8.5	2.9	3.1	3.2	3.5	3.3	3.6	3.3
11	52.8	54.4	56.4	56.2	57.0	57.0	55.6	0.3	0.6	5.5	5.5	4.5	3.5	3.3	5.7	–1.6	2.1	7.3	4.2	4.4	3.9	3.8	3.4	3.5	3.9
12	54.9	53.7	53.4	53.1	54.4	55.3	54.1	2.9	3.1	4.4	4.3	3.1	2.7	3.4	4.6	0.2	2.4	4.4	3.7	4.3	5.0	5.0	3.7	3.4	4.2
13	57.7	59.3	60.4	58.8	58.8	57.4	58.7	1.7	0.3	2.8	4.6	–0.1	–2.5	1.1	5.1	–3.4	0.9	8.5	3.2	2.8	3.0	3.5	3.7	3.6	3.3
14	55.4	51.8	48.1	41.8	40.0	**38.2**	45.9	–3.0	–1.5	–0.1	1.5	1.4	5.7	0.7	6.9	–3.5	1.7	10.4	3.5	3.9	4.2	4.8	5.0	4.3	4.3
15	41.6	47.2	49.8	49.6	51.4	51.6	48.5	4.9	3.9	5.3	6.3	2.7	2.5	4.3	7.1	0.3	3.7	6.8	4.6	3.6	4.1	4.3	4.1	4.3	4.2
16	51.7	52.8	54.8	54.3	56.4	56.2	54.4	0.9	1.7	4.3	6.1	1.9	–2.1	2.1	7.1	–2.3	2.4	9.4	4.7	4.7	4.2	3.6	3.8	3.6	4.1
17	55.6	56.1	57.7	56.2	58.4	60.1	57.4	–1.8	–0.7	0.3	4.4	3.4	2.3	1.3	5.0	–2.4	1.3	7.4	3.8	4.1	4.3	4.7	4.4	3.1	4.1
18	61.2	62.0	62.6	60.5	61.1	61.4	61.5	0.9	–2.2	4.1	5.5	3.1	–0.2	1.9	6.3	–3.2	1.6	9.5	2.4	2.9	3.0	3.5	4.7	4.5	3.5
19	60.4	60.7	61.1	58.4	60.3	60.7	60.3	–1.2	–1.6	1.5	3.3	2.1	1.1	0.9	3.4	–1.8	0.8	5.2	4.2	4.0	4.7	5.2	5.0	2.7	4.3
20	61.8	62.6	63.1	63.2	62.9	62.0	62.6	0.0	–0.1	1.7	2.1	–0.4	–1.9	0.2	3.5	–1.9	0.8	5.4	3.0	2.5	2.9	3.0	2.9	3.6	3.0
21	59.5	57.1	55.1	53.7	54.3	55.9	55.9	–2.0	–2.1	–0.9	3.2	2.6	0.7	0.3	3.7	–2.5	0.6	6.2	3.4	3.5	3.7	3.9	3.8	3.6	3.7
22	56.7	58.4	58.8	59.3	60.7	62.5	59.4	–0.1	–1.3	–0.1	0.3	–1.2	–1.3	–0.6	1.2	–1.5	–0.1	**2.7**	3.1	2.8	3.0	2.9	3.0	2.9	3.0
23	62.8	63.7	**64.5**	62.8	62.4	59.9	62.7	–1.7	–1.9	0.8	2.7	–1.7	–0.4	–0.4	4.1	–2.4	0.9	6.5	2.6	2.6	2.7	2.7	3.0	3.4	2.8
24	55.8	53.7	50.2	46.8	47.2	49.4	50.5	2.0	0.4	1.3	6.5	3.4	0.6	2.4	6.6	0.0	3.3	6.6	4.1	4.2	4.5	4.9	4.2	3.4	4.2
25	51.6	52.5	54.3	56.1	58.8	59.8	55.5	–1.1	–2.4	–1.3	–3.4	–5.5	–6.4	–3.3	0.6	–6.4	–2.9	7.0	3.0	2.6	2.4	3.0	2.7	2.8	2.8
26	60.0	60.2	60.4	60.0	60.6	60.1	60.2	–6.1	–6.7	–2.9	–3.1	–3.8	–4.1	–4.4	–1.3	–11.8	–6.5	10.5	2.8	2.7	3.1	3.4	2.5	2.1	2.8
27	59.2	56.9	54.4	47.5	43.5	41.6	50.5	–13.9	–10.1	–6.6	–4.0	–3.2	–0.8	–6.4	1.5	**–14.2**	–6.3	**15.7**	**1.6**	2.1	2.3	3.0	3.6	4.3	2.8
28	45.2	47.9	50.6	50.2	51.1	51.7	49.5	–1.9	–4.7	–4.4	–6.4	–7.5	–7.3	–5.4	–0.4	–7.5	–3.9	7.1	2.8	3.2	2.6	2.1	2.6	2.7	2.7
29	52.5	54.7	56.8	56.8	59.0	59.3	56.5	–7.5	–7.9	–6.8	–6.4	–7.5	–8.9	–7.5	–6.0	–10.3	–8.1	4.3	2.6	2.4	2.4	2.8	2.6	2.3	2.5
30	59.5	60.0	60.4	58.8	59.7	59.7	59.7	–12.2	–9.2	–5.2	–1.6	–3.3	–3.9	–5.9	–0.9	–13.9	–7.4	13.0	1.8	2.3	3.0	2.4	2.5	2.4	2.4
31	59.0	59.1	60.4	57.6	57.3	56.6	58.3	–2.1	–2.0	0.1	1.6	–2.3	–1.9	–1.1	3.1	–3.4	–0.1	6.5	2.6	2.8	2.8	3.0	3.3	3.6	3.0
Mean	56.9	57.3	57.7	56.2	56.8	56.8	56.9	–0.8	–1.3	1.4	2.8	0.7	–0.2	0.5	4.4	–3.2	0.6	7.7	3.8	3.7	3.9	4.1	4.1	3.8	3.9

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m.p.s.) OF WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h
1	96	94	91	97	98	100	96	NE	0.7	—	0.2	NNW	0.9	—	0.4	NNE	0.9	NNW	0.7	0.6	1.2
2	100	100	82	50	91	98	87	—	0.4	NNW	1.1	—	0.4	W	1.1	SE	1.3	—	0.0	0.7	1.1
3	100	100	86	69	83	95	89	NW	1.3	—	0.4	—	0.2	SE	3.2	NW	2.2	—	0.4	1.3	1.5
4	89	96	75	68	94	97	87	NNW	1.3	NNE	0.7	NNW	2.2	W	1.7	SSW	2.4	—	0.0	1.4	1.4
5	98	100	87	69	97	76	88	ENE	0.7	SE	2.2	SE	1.3	SSE	7.1	SE	5.9	NE	2.4	3.3	3.0
6	85	92	69	75	79	92	82	NNW	2.4	E	3.2	WSW	7.8	WNW	8.0	W	3.4	SE	1.5	4.4	4.2
7	100	100	83	90	100	100	96	S	3.0	NNE	1.1	—	0.0	NE	1.7	NE	0.7	NNW	2.4	1.5	1.5
8	100	100	64	89	100	100	92	NW	4.8	NW	5.9	N	3.0	N	3.2	W	4.6	WNW	0.7	3.7	3.6
9	90	79	69	94	66	60	76	N	8.7	NE	5.4	NNE	7.3	NW	7.6	W	8.0	NW	6.9	7.3	5.6
10	60	80	57	58	74	90	70	NNW	6.7	NNE	1.7	NE	3.2	WNW	3.8	SE	0.9	—	0.0	2.7	2.9
11	89	92	58	56	53	59	68	NE	1.5	N	7.4	NNE	4.4	NE	5.4	NW	3.4	NW	3.4	4.3	4.7
12	66	75	79	81	65	61	71	S	4.6	SE	4.2	N	6.9	NE	1.3	NNE	4.8	WNW	11.2	5.5	5.0
13	61	61	53	55	81	95	68	NNW	4.8	NNW	2.8	NNW	3.0	NE	3.0	NW	0.7	NW	0.7	2.5	2.7
14	95	95	93	94	98	62	90	SE	1.3	E	2.0	NW	1.1	—	0.0	E	2.4	WSW	5.0	2.0	2.3
15	70	60	62	61	74	77	67	WNW	8.7	NW	3.8	N	8.2	N	3.8	ENE	4.2	SSE	5.7	5.7	5.9
16	96	90	68	51	71	92	78	SSW	0.7	NE	3.8	NNW	7.4	NW	6.1	NNW	0.7	NNE	0.7	3.2	3.3
17	95	95	92	75	75	57	82	NW	0.7	W	0.9	N	2.2	NNE	2.4	N	5.7	NNW	7.3	3.2	3.1
18	49	75	50	52	82	100	68	NNW	6.9	SW	2.6	SSE	2.4	SSE	4.6	SSW	2.8	W	2.6	3.7	3.7
19	100	97	92	89	94	54	88	WSW	1.3	—	0.4	W	1.7	S	1.1	NE	2.2	NNW	9.1	2.6	2.5
20	65	55	56	56	65	90	65	NNW	6.1	N	4.2	NNW	3.0	NNW	5.2	NNW	2.4	E	0.9	3.6	3.9
21	87	89	85	68	69	74	79	—	0.2	NNW	0.9	—	0.2	SW	1.1	NW	7.3	WNW	6.5	2.7	3.0
22	67	66	65	62	71	68	67	NW	7.3	WNW	5.2	NNW	5.4	NNW	6.5	NE	2.6	NNE	3.6	5.1	4.8
23	64	66	56	48	75	77	64	NE	5.2	N	5.2	NW	2.0	E	1.1	S	1.7	SSE	3.6	3.1	3.2
24	77	89	90	67	72	72	78	SSE	7.6	W	4.2	WNW	0.9	NW	8.2	WNW	6.9	WNW	5.7	5.6	4.6
25	71	67	58	84	88	97	78	NNE	3.8	NNE	4.2	WNW	**12.0**	W	10.7	WNW	6.1	W	3.4	6.7	7.0
26	97	97	84	95	73	62	85	NNW	4.6	SSE	1.5	WNW	4.4	NW	3.6	NW	8.2	NW	5.7	4.7	3.9
27	100	100	82	89	100	100	95	—	0.0	—	0.2	—	0.0	ENE	0.7	SW	2.0	WNW	4.0	1.2	2.0
28	70	100	78	73	100	100	87	WNW	7.1	W	2.8	WNW	6.9	WNW	8.9	SSE	3.0	W	5.0	5.6	5.1
29	100	93	87	97	100	100	96	NW	1.3	W	3.8	WNW	5.5	W	7.3	N	4.0	S	0.7	3.8	3.9
30	100	100	97	59	68	70	82	SW	2.0	—	0.4	—	0.2	W	5.4	NE	2.0	NE	3.4	2.2	2.3
31	65	70	60	58	84	90	71	NNE	5.2	NE	5.2	—	0.4	—	0.0	NW	1.1	NW	1.7	2.3	2.3
Mean	84	86	74	72	82	83	80		3.6		2.8		3.4		4.0		3.4		3.4	3.4	3.4

* Reduction: to standard gravity, −0.4; to mean sea level, +6.0

DECEMBER, 1949.

Day	DIRECTION AND SPEED OF CLOUDS × 2	6	10	14	18	22	AMOUNT (0–10) AND FORMS OF CLOUDS 2	6	10	14	18	22	Mean	PRECIPITATION 22-2	2-6	6-10	10-14	14-18	18-22	Total
1	—	—	—	—	—	—	10 As	10 As	10 St	10 Ns	10 Ns	10 Sc,St	10.0	—	—	—	4.1	5.1	0.2	9.4
2	—	—	—	—	—	—	9 Sc	4 ≡,Ac	0 Sc,Ac	8 Cs,Sc	4 Ci	10 Cc	5.8	—	—	—	—	—	—	—
3	—	—	—	—	—	SW4	10 Cs,Sc	10 Cs,Ci,Sc	10 As,Sc	10 As,Sc	10 Sc,As	10 Ac,As	10.0	—	—	—	—	—	—	—
4	—	—	—	—	—	—	10 As,Ac	10 As	10 As	10 As,Sc	10 Ns	10 St	10.0	—	—	—	—	2.1	0.3	2.4
5	—	—	—	S7	—	—	10 Ns	10 St,≡	9 Sc	9 Sc	9 Sc	10 Sc	9.5	0.2	0.4	--	—	—	0.6	1.2
6	—	—	—	—	—	W9	4 Sc	8 Cs,Sc	10 Ns,Sc	7 Ns,Sc	3 St,Sc	8 Ns	6.7	—	—	0.0	0.1	—	0.0	0.1
7	—	—	—	—	—	—	10 Ns	10 Ns,Sc	10 Ns	10 Ns	10 Ns	10 Ns	10.0	1.0	1.9	4.7	3.4	4.1	5.0	**20.1**
8	—	—	—	—	—	—	10 Ns	10 Ns	0 Sc	10 Ns	10 Ns	10 Ns	8.3	1.5	3.7	0.2	0.0	0.4	1.5	7.3
9	—	—	W8	—	—	W8	10 Ns,Cs	10 Ns	9 Sc,St	10 Ns,Sc	1 Ns	2 Sc	7.0	0.4	0.1	0.0	0.0	0.0	—	0.5
10	—	—	—	—	—	—	0 Sc	4 Sc,St	9 Sc	5 Sc	9 Sc	10 St	6.2	—	—	—	—	—	—	—
11	—	—	W7	W7	—	—	10 As	4 Sc,St	7 Sc	8 Sc,St	7 Sc,St	7 Sc,St	7.2	—	—	—	—	—	—	—
12	—	—	—	—	—	—	6 Sc	8 Sc	10 Ns	10 St,Ns	4 Sc	2 Sc	6.7	—	—	0.5	0.7	—	—	1.2
13	—	—	W7	W8	—	—	3 Sc	5 Sc	7 Sc	4 Sc	1 Sc	0 Sc	3.3	—	—	—	—	—	—	—
14	—	—	—	—	—	—	10 As	10 St	10 Ns	10 Ns	10 St	10 Ns	10.0	—	—	1.1	0.9	0.2	0.2	2.4
15	—	—	—	W8	—	—	10 Ns	8 St,Sc	3 Sc	7 Sc	1 Ac	0 Sc	4.8	1.4	0.2	—	—	—	—	1.6
16	—	—	—	—	—	—	5 Ns	10 St,Sc	7 Sc	2 Sc	1 Sc	0 —	4.2	0.2	0.3	—	—	—	—	0.5
17	—	—	—	W8	—	—	10 Sc	10 St	10 Sc,St	8 Sc	10 St,Sc	4 Sc	8.7	—	0.0	1.3	—	—	—	1.3
18	—	—	—	W7	—	—	0 —	0 Cu	0 Cu	10 Sc,Ac	10 Ns	1 St	3.5	—	—	—	—	0.4	0.4	0.8
19	—	—	—	—	—	—	1 Sc	1 Sc	10 Sc	10 Ns,Sc	4 Sc	2 Sc	4.7	—	—	—	0.4	0.7	—	1.1
20	—	—	—	—	—	—	2 Sc	1 Cu	10 Cs,Sc	10 Cs,Sc	4 Cs	10 Ac	6.2	—	—	—	—	—	—	—
21	—	—	—	—	—	—	10 As	10 As	10 AS	10 Sc,Ci	2 St	0 —	7.0	—	—	—	—	0.0	—	0.0
22	—	—	W8	—	—	—	5 Ns	6 Sc	7 Sc,Ns	9 Sc,Ns	9 Sc	9 Sc	7.5	0.0	0.0	—	0.0	0.0	—	0.0
23	—	—	—	—	—	—	8 Sc	1 Sc	0 Cu	0 —	1 Sc	10 Cs	3.3	—	—	—	—	—	—	—
24	—	—	—	—	—	—	10 As	9 Sc	10 As,Ns	9 Cc,Sc,Ac	8 Sc	0 —	7.7	—	—	0.0	0.0	—	—	0.0
25	—	—	—	—	—	—	10 Sc	3 Sc	2 Ns,Cu	9 Ns	10 Ns	10 Ns	7.3	—	—	—	0.5	0.3	0.1	0.9
26	—	—	—	—	—	—	10 Ns	10 Ns	10 Ns	10 Ns	4 Sc	0 Sc	7.3	1.7	1.2	0.5	0.6	0.1	—	4.1
27	—	—	—	—	—	—	0 —	10 Cs	10 As	10 Ns	10 Ns	10 Ns	8.3	—	—	—	0.0	1.3	1.0	2.3
28	—	—	—	—	—	—	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	10.0	0.1	0.5	3.2	0.5	0.7	2.6	7.6
29	—	—	—	—	—	—	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	9 Sc,St	9.8	3.2	1.8	0.6	1.0	0.2	0.1	6.9
30	—	—	—	W8	—	—	6 St	10 Ns	10 Ns	5 Sc,St	2 Sc	5 Sc	6.3	0.1	0.4	0.8	0.1	—	—	1.4
31	—	—	—	—	—	—	6 Sc	7 Sc	6 Sc,Ci	10 Ci,Cs,Sc	10 Sc,St	10 Sc	8.2	—	—	—	—	—	—	—
							7.3	7.4	7.6	8.4	6.6	6.4	7.3	9.8	10.5	12.9	12.3	15.6	12.0	73.1

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm Open Air	in the Shelter	REMARKS
1	—	(0.9)	0.2	∞0a.●01109—1840.
2	7.90	1.1	0.6	⊟0,◊0a.◊0,⌓0p.≡20530—≡30556—≡40642—≡30736—0756.
3	2.57	0.8	0.4	⌓1,⊟0,⊔0,∞0a.∞0p.≡00730—≡20750—≡40800—≡20830—0950.
4	0.22	(1.0)	0.4	∞0a.●01514—1827.
5	4.08	1.8	1.0	∞0a.◊0p.≡30120—,●00132—,—≡40148—,—●00254.—≡30347—≡10523—0711.●01855—2030.◷1235218.
6	7.22	(1.5)	1.0	⊟0,◊0a,p.●00958—1018,1306—⚹01307—1333,2135—,⌧,⊠2150—
7	—	(0.2)	0.0	⊟0p.—⚹0—,—⊠—
8	4.48	(1.1)	1.0	⊟1,◊0a,⊟1p.—⚹0—0647,1305—1545,1600—,—⊠—
9	3.32	2.7	1.2	⊟0,◊0a.⊟0p.—⚹0—0110...0210,0430...0615,1337—1830.—⊠—,◤1250—1310.
10	4.13	1.5	0.9	⊟0p.—⊠—
11	3.38	(2.1)	1.5	⊟0,◊0a,p.⚹00645—0654.—⊠—,◤0910—0920.
12	0.40	(1.9)	1.5	⊟0a,p.●00820—1245.—⊠—,◤2140—2230.
13	7.33	(1.8)	1.0	⊟1,◊1a.◊0,⊟0,⊔0p.—⊠—
14	—	(1.6)	1.3	⊟0,⊔0a.●00734—1550,1910—2215...2230—,—⊠—0500.◤2250.
15	5.05	(1.8)	1.0	◊0p.—●0—0410.◤0030—0120.
16	5.89	(2.1)	1.2	◊0a.◊1,⊟0p.●00105...0510.
17	1.87	2.3	1.7	⊟0,⊔1a.◊0p.△00532—0548.⚹00638—⚹10643—0650—0750.⌧,⊠0645—1130.◤2310,2350.
18	6.17	(1.7)	0.9	⊟1,◊2a.◊0,⊟0p.●01743—1835.
19	0.48	(1.8)	1.3	⊟1,⊔1,∞0a.⊟0p.●01205...1230—1730.
20	5.55	2.0	1.5	⊟1,◊0a.◊0,⊟0p.
21	2.80	2.4	1.8	⊟0,∞0a,◊0,⊟0p.●01610—1615.
22	4.40	2.4	1.7	⊟1,◊0a,⊟0p.⚹00140—0400,1327...1500.
23	7.72	2.1	1.0	⊟0,◊0a,p.
24	1.68	2.4	2.1	⊟0,◊0,∞0a.◊1,⊟0p.●00950—1033.
25	3.73	(0.9)	0.9	⊟1,◊0a.⊟1p.⚹01114—↠01312—⚹01346—1708...,⌧,⊠1311—,◤0900—1110,1320—1400,1420—1430,1500—1520.
26	1.13	(1.6)	1.0	⊟1a,p...⚹0...0040—0740...0930—1015,1050—1640.—⊠—,◷1082543.
27	—	(0.0)	0.6	⊟1,∞0a.⊟0p.⚹01240—↠02230—,⌧1620—,—⊠—,◤2230 –2240.
28	—	(0.0)	0.8	⊟1a,p.↠0—⚹00300—↠00840—⚹01230—,—⊠—
29	—	(0.0)	0.5	⊟1a,p.—⚹0—1530...2348.—⊠—
30	3.52	(1.7)	1.1	⊟1a,p.⚹00350—1218.—⊠—
31	5.12	1.6	0.8	⊟1,◊0a.◊0,⊟0p.—⊠—
Mean	3.23	1.9	1.0	

× See Page 3.

AIR PRESSURE (*Mean sea level*) 700 *mm*+ 1949.

Day	JANUARY							FEBRUARY							MARCH						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	67.0	60.7	55.8	49.4	46.9	45.7	54.3	64.5	64.6	65.6	63.3	64.3	65.3	64.6	51.5	55.2	58.7	60.1	61.6	62.4	58.3
2	46.1	48.0	50.3	52.0	55.8	61.1	52.2	65.3	66.2	67.1	64.7	66.2	66.7	66.0	61.8	60.9	57.9	52.1	50.8	47.9	55.2
3	63.4	64.6	64.2	60.2	58.2	52.3	60.5	66.2	66.0	65.7	63.6	64.0	63.9	64.9	52.8	58.1	62.3	64.5	68.0	68.8	62.4
4	50.9	49.8	48.9	46.2	48.4	48.2	48.7	62.2	61.4	60.7	57.6	55.7	53.5	58.5	68.8	69.0	69.1	67.2	66.8	65.2	67.7
5	47.3	46.7	47.6	46.8	48.9	50.4	48.0	51.9	50.4	50.3	48.3	47.9	46.8	49.3	61.4	58.1	55.0	50.6	51.8	55.2	55.4
6	50.1	51.5	52.7	52.2	54.8	57.8	53.2	46.7	47.1	48.4	48.8	52.0	53.1	49.4	58.2	60.4	61.1	60.3	60.8	60.1	60.2
7	58.5	59.5	61.5	60.5	62.9	63.7	61.1	53.7	54.8	56.7	55.9	57.8	59.2	56.4	57.4	55.4	53.7	51.8	54.7	60.2	55.5
8	63.8	64.7	65.2	62.6	61.9	60.4	63.1	59.9	61.8	62.9	62.4	63.5	64.2	62.5	62.4	66.3	67.3	67.7	67.9	67.3	66.5
9	59.3	59.3	60.5	58.6	61.6	63.5	60.5	64.8	64.4	65.1	63.2	63.4	63.2	64.0	65.8	63.9	63.1	60.2	60.9	61.1	62.5
10	64.6	65.9	66.4	64.8	66.2	67.9	66.0	63.1	63.3	63.4	61.9	63.8	63.7	63.2	58.9	56.8	53.5	50.1	50.6	51.8	53.6
11	68.4	69.4	70.5	68.3	68.9	69.1	69.1	63.4	64.0	65.9	63.9	65.8	66.4	64.9	53.0	56.5	58.3	58.5	60.1	61.0	57.9
12	68.3	68.3	70.2	67.9	67.4	65.6	68.0	65.4	64.8	63.3	59.4	58.7	55.6	61.2	60.3	59.7	59.7	59.0	61.6	62.6	60.5
13	62.8	60.7	60.9	61.7	64.9	66.5	62.9	52.0	50.9	50.3	47.8	48.7	48.2	49.7	63.5	63.4	64.4	63.6	63.8	64.0	63.8
14	67.2	68.5	69.4	66.9	67.6	66.1	67.6	45.6	44.0	42.9	40.6	41.7	41.3	42.7	63.1	63.1	64.0	63.0	65.0	66.4	64.1
15	63.4	60.3	59.2	55.4	55.0	54.1	57.9	41.8	42.6	44.0	44.0	46.1	47.3	44.3	66.6	66.7	66.3	64.8	64.9	64.8	65.7
16	53.5	53.9	54.9	54.8	55.9	57.2	55.0	48.8	51.1	54.1	54.9	57.1	58.2	54.0	64.6	64.7	65.2	64.9	65.9	66.8	65.4
17	58.7	61.2	63.5	63.4	65.4	66.3	63.1	59.0	59.9	60.7	60.5	61.8	61.8	60.6	66.2	66.2	65.0	61.9	60.4	58.9	63.1
18	65.6	64.0	63.1	59.2	59.4	57.8	61.5	61.3	59.6	59.3	58.7	61.2	62.2	60.4	55.0	52.5	48.7	45.9	47.3	50.7	50.0
19	57.8	59.5	61.9	62.3	64.8	64.8	61.9	62.1	62.9	64.2	63.2	62.7	64.2	63.2	49.7	49.6	49.5	52.1	55.9	59.4	52.7
20	64.1	64.2	66.4	65.4	66.1	66.1	65.4	64.0	64.9	65.0	63.8	62.8	59.2	63.3	59.8	61.3	62.2	60.0	61.4	61.6	61.1
21	65.8	66.6	67.6	65.8	65.6	64.9	66.1	58.8	61.7	63.6	62.3	64.1	65.2	62.6	61.2	61.4	62.2	61.2	62.0	61.7	61.6
22	63.3	62.0	62.1	59.9	60.4	60.9	61.4	65.0	65.4	66.1	64.3	65.4	66.1	65.4	61.1	61.4	61.7	60.8	61.5	62.1	61.4
23	60.8	62.1	63.8	63.3	64.6	64.5	63.2	66.0	66.5	66.6	66.0	67.3	69.7	67.0	61.5	62.0	62.2	60.9	62.7	63.7	62.2
24	65.0	66.1	67.0	65.7	66.7	66.4	66.2	70.3	71.5	71.6	68.6	68.8	67.6	69.7	63.5	63.8	63.9	62.8	64.3	65.9	64.0
25	66.0	65.8	65.3	61.8	61.4	59.8	63.4	65.7	63.5	61.6	56.9	56.5	57.0	60.2	66.8	68.0	67.8	66.7	67.6	67.9	67.5
26	57.7	58.0	58.4	57.3	58.8	59.6	58.3	57.1	58.7	60.2	58.6	60.3	60.6	59.3	67.7	67.2	67.2	65.3	66.3	67.9	66.9
27	59.5	59.9	60.2	57.8	57.9	60.2	59.3	59.4	58.9	57.1	52.1	49.3	46.1	53.8	67.7	68.3	67.5	65.0	64.6	66.0	66.5
28	62.5	63.7	64.3	62.1	63.1	63.0	63.1	44.6	43.6	42.0	43.8	46.6	49.6	45.0	66.1	66.6	66.4	64.7	64.5	66.7	65.8
29	63.5	63.6	64.8	62.5	63.6	62.6	63.4								67.5	67.7	69.1	66.5	66.4	66.7	67.3
30	60.0	56.9	56.4	53.7	57.7	60.7	57.6								65.4	64.9	65.9	66.9	68.2	68.9	66.7
31	61.0	61.9	63.5	63.0	64.0	65.2	63.1								69.6	69.6	68.7	65.3	65.0	64.7	67.2
Mean	60.8	60.9	61.5	59.7	60.8	61.0	60.8	58.9	59.1	59.4	57.8	58.7	58.8	58.8	61.9	62.2	62.2	60.8	61.7	62.5	61.9

Day	APRIL							MAY							JUNE						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	63.2	62.3	62.4	60.7	62.6	66.4	62.9	66.6	66.1	64.7	61.2	60.1	57.9	62.8	61.9	62.9	62.6	61.4	61.7	62.8	62.2
2	67.2	69.3	70.2	70.3	71.6	73.3	70.3	55.6	54.1	53.9	53.2	54.5	56.0	54.6	62.6	63.4	62.7	60.5	61.1	61.6	62.0
3	72.2	72.2	70.2	66.7	65.6	62.3	68.2	56.5	56.9	58.5	58.7	59.3	61.0	58.5	61.1	60.8	59.0	56.5	56.1	58.3	58.6
4	58.5	56.1	57.8	56.5	59.2	61.6	58.3	62.0	63.5	63.8	62.8	63.3	64.1	63.3	57.8	58.8	58.4	56.4	58.2	59.2	58.1
5	63.4	64.6	64.6	63.9	65.1	65.4	64.5	63.7	64.6	64.4	62.3	61.9	62.5	63.2	58.9	60.5	60.7	60.2	60.6	60.5	60.2
6	63.6	62.9	59.6	55.2	54.2	53.5	58.2	59.8	57.5	55.4	53.5	53.0	53.7	55.5	60.1	60.3	60.7	59.0	59.0	60.4	59.9
7	52.8	52.7	52.5	50.3	50.8	52.7	52.0	51.6	51.3	50.8	49.4	50.7	51.6	50.9	59.7	59.6	59.2	57.4	57.6	57.7	58.5
8	54.8	56.4	58.4	58.8	60.9	63.1	58.7	50.8	50.8	49.5	51.2	54.3	58.0	52.4	56.7	57.1	56.7	55.9	57.6	60.2	57.4
9	63.6	65.2	66.9	66.1	66.8	67.4	66.0	58.9	59.7	59.5	57.8	58.3	60.2	59.1	60.1	60.7	60.0	59.6	59.7	60.0	60.0
10	66.7	66.2	64.4	60.1	56.9	55.7	61.7	60.3	60.3	59.2	56.6	56.9	58.4	58.6	59.2	59.2	58.3	57.3	56.2	55.9	57.7
11	55.6	55.8	56.2	53.6	53.7	53.0	54.7	58.8	60.2	59.2	57.8	59.3	61.4	59.5	55.2	55.2	54.9	54.5	55.4	56.3	55.3
12	49.3	50.2	51.2	52.9	56.1	59.0	53.1	61.5	61.2	59.4	56.8	56.0	55.0	58.3	55.7	56.8	56.7	56.6	57.2	58.6	56.9
13	61.3	63.1	64.5	62.9	62.4	62.5	62.8	53.7	55.2	55.5	55.4	55.3	54.7	55.0	59.0	59.2	59.2	58.0	57.9	58.9	58.7
14	59.8	59.7	60.0	59.1	60.4	61.3	60.1	54.3	54.9	53.9	52.9	53.3	53.7	53.8	58.3	58.6	58.0	56.3	56.3	58.3	57.6
15	61.4	62.4	63.5	61.3	60.0	61.4	61.7	55.4	56.8	58.0	57.7	59.3	61.0	58.0	57.5	58.0	57.8	57.3	57.5	57.9	57.7
16	61.4	62.1	63.5	65.0	67.2	69.3	64.8	60.4	61.0	62.1	62.9	64.9	67.3	63.1	56.9	57.4	57.1	55.1	55.3	56.3	56.4
17	69.3	70.2	69.7	66.6	66.4	66.6	68.1	68.9	70.6	69.5	67.9	68.4	68.1	68.9	56.6	58.0	58.9	58.1	58.8	60.8	58.5
18	66.3	66.0	64.6	62.0	61.8	61.0	63.6	66.7	67.2	67.0	64.8	63.9	64.6	65.7	61.3	62.3	63.1	62.1	62.5	63.6	62.5
19	59.2	58.0	56.3	53.8	53.8	55.5	56.1	64.4	64.6	63.3	60.2	60.3	60.7	62.3	63.3	63.8	63.7	63.3	62.7	61.5	63.1
20	56.7	57.9	59.8	59.0	61.3	63.4	59.7	58.0	57.4	56.9	55.6	54.9	56.0	56.5	59.8	59.3	59.6	60.2	61.6	62.9	60.6
21	63.6	65.1	64.5	61.9	60.0	58.4	62.3	55.5	57.0	57.3	55.9	58.1	61.2	57.5	62.9	64.2	63.5	62.8	61.9	60.0	62.6
22	57.9	55.8	59.6	61.0	62.4	64.0	60.1	61.2	61.9	61.2	59.7	60.1	61.5	60.9	56.6	55.1	53.8	51.7	51.4	53.1	53.6
23	63.4	63.6	62.5	60.6	59.5	60.1	61.6	59.7	59.0	58.5	57.4	57.0	58.3	58.3	53.6	54.2	54.7	54.2	55.7	57.2	54.9
24	59.6	59.4	57.8	54.5	53.6	52.6	56.3	57.9	58.4	57.7	56.0	56.4	56.1	57.1	57.9	59.3	59.9	59.5	60.5	62.5	59.9
25	51.0	52.2	53.2	54.3	55.8	57.8	54.1	54.9	54.8	54.5	53.7	55.2	56.5	54.9	62.1	63.1	62.5	62.5	62.7	63.7	62.8
26	57.9	59.2	59.6	60.3	61.1	63.9	60.3	56.9	56.7	56.6	56.2	57.8	58.5	57.1	63.2	63.5	62.8	61.5	62.2	63.0	62.7
27	62.7	61.8	60.2	57.5	55.5	54.1	58.6	58.7	59.4	59.7	59.6	60.7	61.9	60.0	62.7	63.5	62.7	62.0	62.2	63.7	62.8
28	52.8	53.8	54.4	53.8	54.0	55.2	54.0	61.7	61.9	61.1	60.0	60.5	62.6	61.3	63.1	63.9	63.9	62.6	62.2	63.1	63.1
29	55.2	56.6	58.0	57.7	58.9	60.8	57.9	63.0	64.1	64.0	62.1	62.9	65.3	63.6	62.4	62.5	61.7	59.7	59.1	60.0	60.9
30	61.7	63.3	64.2	64.0	65.0	66.9	64.2	65.1	65.8	65.2	64.0	63.3	63.7	64.5	59.0	57.9	56.8	55.1	53.6	52.4	55.8
31								63.0	62.9	61.9	61.1	61.4	62.0	62.1							
Mean	60.4	60.8	61.0	59.7	60.1	60.9	60.5	59.5	59.9	59.4	58.2	58.8	59.8	59.3	59.5	60.0	59.7	58.6	58.8	59.7	59.4

AIR PRESSURE (*Mean sea level*) 700 *mm*+ 1949.

Day	JULY							AUGUST							SEPTEMBER						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	50.0	48.9	49.4	50.3	52.2	54.1	50.8	61.1	60.5	60.0	58.1	58.6	60.1	59.7	52.1	50.7	54.4	56.5	58.2	59.7	55.3
2	55.4	57.7	58.0	58.3	59.1	59.9	58.1	59.0	59.8	60.3	60.2	60.4	60.8	60.1	59.1	59.7	60.7	59.6	60.5	61.1	60.1
3	59.7	60.9	61.0	61.2	60.6	61.4	60.8	60.3	61.2	61.0	59.5	59.3	60.5	60.3	60.7	62.0	62.2	61.7	61.4	62.3	61.7
4	60.9	61.2	60.5	59.9	59.9	61.5	60.7	60.0	60.6	60.2	58.2	58.1	59.2	59.4	61.9	62.4	61.5	60.0	59.7	60.1	60.9
5	60.9	61.8	61.1	59.9	59.4	60.1	60.5	58.7	59.2	58.9	57.8	58.3	59.6	58.8	59.2	60.3	59.2	58.0	58.8	60.3	59.3
6	59.1	57.9	56.9	54.9	52.6	50.2	55.3	59.8	60.1	60.1	58.9	59.7	62.1	60.1	60.2	60.6	61.9	59.8	60.7	62.3	60.9
7	45.5	45.8	46.9	47.2	49.2	50.9	47.6	61.6	61.9	61.6	60.1	60.5	61.8	61.3	62.4	63.0	63.1	61.7	61.3	62.1	62.3
8	51.3	53.1	54.0	53.3	54.1	54.4	53.4	61.6	61.8	62.3	60.5	60.2	61.8	61.4	61.4	61.1	60.4	57.4	57.5	57.9	59.3
9	54.3	55.4	56.1	56.9	57.4	58.9	56.5	61.6	62.7	62.5	61.0	61.3	62.8	62.0	58.0	58.1	58.3	57.3	57.9	58.8	58.1
10	58.6	59.0	58.7	57.5	58.2	59.3	58.6	62.2	63.2	62.4	60.7	61.0	62.0	61.9	58.0	58.8	59.8	58.7	59.1	60.0	59.1
11	58.3	58.9	59.0	58.1	59.1	59.8	58.9	61.7	61.5	59.9	57.9	56.8	57.5	59.2	60.3	60.5	59.9	59.3	60.2	60.4	60.1
12	59.6	60.3	60.9	60.0	60.7	61.8	60.6	56.4	57.8	56.6	54.7	54.1	55.9	55.9	59.9	59.8	59.8	58.3	59.4	60.4	59.6
13	61.1	60.6	61.0	60.1	60.2	60.9	60.7	55.3	56.2	55.4	53.8	54.4	56.2	55.2	61.0	62.2	62.2	61.6	62.8	65.2	62.5
14	60.6	60.7	60.6	60.5	60.0	61.0	60.6	56.4	57.4	56.8	55.9	57.4	58.4	57.1	66.0	67.6	68.2	66.9	68.8	70.4	68.0
15	60.5	61.5	61.8	60.9	60.3	61.4	61.1	58.3	59.1	59.4	58.6	59.3	60.4	59.2	69.6	69.7	68.4	66.4	66.5	65.8	67.7
16	61.5	61.5	62.0	61.1	61.0	61.6	61.5	59.9	60.9	60.6	59.4	59.8	60.9	60.3	64.0	62.9	61.5	58.4	56.9	58.1	60.3
17	60.8	61.6	60.2	58.3	58.5	59.6	59.8	60.8	60.3	60.2	58.0	58.3	57.9	59.3	58.0	59.1	58.6	56.3	57.4	58.2	57.9
18	59.2	59.6	59.5	57.5	57.3	57.8	58.5	55.1	53.9	52.4	51.4	53.1	54.8	53.5	59.1	60.7	62.0	61.3	61.8	62.3	61.2
19	57.9	58.5	58.2	57.2	57.4	57.9	57.9	54.2	54.7	54.0	53.0	52.7	53.5	53.7	61.7	61.1	61.5	59.8	59.5	60.4	60.7
20	57.2	58.4	58.9	58.9	59.4	60.3	58.9	52.7	52.4	53.3	51.7	52.3	54.1	52.8	58.4	58.7	59.8	60.0	61.6	62.9	60.2
21	59.9	60.0	59.9	59.1	59.7	60.3	59.8	54.3	55.3	55.6	54.5	55.7	57.2	55.4	63.6	64.5	65.1	64.1	65.2	65.9	64.7
22	58.8	58.8	58.1	57.2	56.9	57.4	57.9	57.0	57.8	58.6	57.4	57.8	59.1	58.0	65.2	65.3	65.4	63.7	62.4	60.8	63.8
23	56.5	57.1	57.3	56.8	57.6	57.9	57.2	58.8	58.7	58.2	57.0	56.9	57.8	57.9	59·5	57.7	57.6	55.9	55.3	55.8	57.0
24	58.0	58.6	60.2	59.9	60.9	61.3	59.8	56.9	57.0	57.2	56.6	56.6	57.1	56.9	56.6	57.6	57.7	57.1	58.0	58.8	57.6
25	60.6	60.6	60.1	58.5	59.4	60.7	60.0	56.7	57.9	58.3	56.9	57.7	58.7	57.7	58.6	59.0	59.3	58.5	58.8	59.5	59.0
26	59.7	60.7	60.5	59.9	59.1	60.4	60.1	58.3	59.2	59.1	58.6	59.0	60.3	59.1	59.5	59.7	59.9	58.8	59.4	58.8	59.4
27	59.2	59.6	59.6	59.2	59.2	60.2	59.5	59.5	60.0	59.8	58.7	59.2	59.8	59.5	57.2	57.3	58.8	58.6	59.3	59.7	58.5
28	59.6	60.6	61.1	60.3	60.7	62.0	60.7	59.0	59.3	59.1	57.3	57.9	59.1	58.6	60.9	62.5	63.0	62.2	63.1	64.1	62.6
29	61.4	61.8	61.7	59.9	59.7	60.0	60.8	58.7	59.8	59.0	58.1	59.1	59.7	59.1	63.7	64.5	63.7	62.6	63.0	63.5	63.5
30	58.2	61.5	62.1	62.1	63.5	64.1	61.9	58.7	60.0	60.1	60.3	60.7	61.3	60.2	63.0	63.1	62.1	60.8	61.6	62.3	62.2
31	63.6	63.6	63.4	62.5	61.6	62.0	62.8	60.7	60.5	60.2	57·4	56.6	54.9	58.4							
Mean	58.3	58.9	59.0	58.3	58.5	59.3	58.7	58.6	59.1	58.8	57.5	57.8	58.9	58.4	60.6	61.0	61.2	60.0	60.5	61.3	60.8

Day	OCTOBER							NOVEMBER							DECEMBER						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean
1	61.8	61.5	61.1	59.7	60.2	61.2	60.9	62.8	63.0	62.8	61.4	62.5	62.1	62.4	70.1	69.0	67.7	66.7	66.1	65.7	67.6
2	59.6	59.9	62.0	62.4	64.8	66.5	62.5	62.1	62.0	62.7	62.9	63.9	64.4	63.0	66.4	66.7	66.8	64.9	66.6	66.7	66.4
3	67.1	68.8	68.8	67.1	68.0	68.8	68.1	65.8	67.6	68.4	67.0	68.0	68.6	67.6	66.0	66.1	65.4	62.6	63.3	63.2	64.4
4	68.8	68.5	67.8	65.9	66.3	66.2	67.3	67.9	67.3	66.5	63.2	62.3	59.8	64.5	62.2	62.6	63.7	62.4	63.6	63.6	63.0
5	65.1	65.2	64.8	63.8	63.7	63.4	64.3	55.4	53.4	53.2	53.8	56.6	59.1	55.3	63.6	63.4	63.0	60.0	59.8	61.4	61.9
6	62.6	62.3	62.1	60.6	61.1	62.0	61.8	59.6	60.8	61.4	61.8	64.2	65.9	62.3	61.7	62.0	62.0	62.3	63.8	63.9	62.6
7	61.9	63.1	63.3	62.6	64.5	65.9	63.6	66.0	66.9	66.5	64.3	65.2	66.2	65.9	62.2	61.3	60.5	58.8	58.6	58.8	60.0
8	65.6	66.4	66.8	64.5	65.2	65.9	65.7	66.3	68.1	69.1	67.6	67.4	67.0	67.6	60.4	63.4	66.1	66.0	66.5	66.5	64.8
9	65.4	65.7	64.4	62.4	60.8	59.8	63.1	65.4	63.7	64.0	63.0	64.9	65.7	64.5	65.9	66.7	67.4	66.2	67.1	67.2	66.8
10	58.5	57.3	57.0	56.3	58.4	60.8	58.1	64.7	64.9	65.5	64.8	66.4	67.3	65.6	66.7	67.1	66.9	64.6	64.6	61.9	65.3
11	61.3	63.4	64.6	64.3	65.9	66.9	64.4	67.7	68.1	69.1	68.0	69.4	69.3	68.6	58.3	60.0	61.9	61.6	62.5	62.5	61.1
12	66.8	68.0	68.4	66.3	66.7	65.9	67.0	67.9	66.8	66.7	63.6	62.9	62.6	65.1	60.4	59.2	58.8	58.6	59.9	60.8	59.6
13	64.9	64.0	63.0	61.0	60.6	60.9	62.4	63.0	63.5	62.9	59.0	57.1	54.5	60.0	63.3	64.9	66.0	64.3	64.4	63.0	64.3
14	60.3	60.3	60.0	60.0	61.4	62.4	60.7	52.6	52.9	55.7	56.6	58.6	59.8	56.0	61.0	57.4	53.6	47.3	45.5	43.5	51.4
15	62.9	64.3	64.9	63.6	65.0	65.7	64.4	61.7	64.2	66.1	64.6	65.8	65.7	64.7	47.0	52.7	55.2	55.0	56.9	57.1	54.0
16	65.2	65.2	66.1	64.7	65.4	65.8	65.4	65.9	67.4	68.2	66.4	65.8	62.6	66.1	57.2	58.3	60.3	59.8	62.0	61.8	59.9
17	64.4	65.9	65.5	64.4	65.6	66·6	65.4	57.4	54.9	58.1	57.4	58.9	59.8	57.8	61.3	61.7	63.3	61.6	63.9	65.7	62.9
18	66.5	67.1	67.3	65.8	65.4	65.0	66.2	60.7	63.2	65.6	66.5	68.6	70.2	65.8	66.8	67.7	68.1	66.0	66.7	67.0	67.1
19	62.6	60.9	59.7	57.2	57.0	57.5	59.2	71.6	73.5	75.0	73.7	74.6	75.8	74.0	66.0	66.4	66.6	63.9	65.9	66.3	65.9
20	58.6	61.0	63.6	64.6	66.9	68.3	63.8	76.2	77.2	77.8	76.2	76.6	77.2	76.9	67.4	68.2	68.7	68.8	68.5	67.6	68.2
21	68.9	69.3	69.7	67.2	67.7	67.7	68.4	77.2	77.6	76.6	73.8	75.0	74.2	75.9	65.1	62.8	60.7	59.2	59.8	61.4	61.5
22	66.8	66.2	65.0	62.3	62.4	62.5	64.2	72.1	70.3	68.7	64.6	63.6	61.7	66.8	62.3	64.0	64.4	64.9	66.3	68.2	65.0
23	62.4	63.4	63.6	63.3	65.3	67.7	64.3	59.7	59.9	60.8	60.7	61.5	63.0	60.9	68.5	69.4	70.1	68.4	68.0	65.5	68.3
24	67.5	68.6	68.2	65.2	64.5	63.9	66.3	62.4	61.0	61.2	60.5	64.1	66.6	62.6	61.3	59.2	55.7	52.2	52.7	54.9	56.0
25	62.3	61.5	60.6	59.6	59.1	58.7	60.3	67.5	69.1	70.6	69.9	71.5	72.5	70.2	57.2	58.2	59.9	61.7	64.5	65.5	61.2
26	58.1	58.6	60.5	59.7	62.4	63.7	60.5	73.0	73.8	73.5	71.0	72.2	73.2	72.8	65.7	66.0	66.1	65.6	66.3	65.8	65.9
27	63.3	63.9	64.2	62.6	62.4	61.6	63.0	72.8	73.4	73.8	71.5	72.7	73.0	72.9	65.1	62.6	59.8	53.1	49.0	47.1	56.1
28	59.5	58.3	55.3	55.6	58.4	61.0	58.0	72.1	72.6	73.6	72.0	73.7	74.9	73.2	50.7	53.5	56.3	55.9	56.8	57.5	55.1
29	61.1	62.7	63.1	60.5	57.9	53.9	59.9	76.1	77.1	77.5	75.7	76.4	76.5	76.6	58.2	60.5	62.5	62.6	64.8	65.1	62.3
30	49.0	47.9	46.3	47.2	52.3	55.8	49.8	76.4	76.1	75.3	72.1	72.2	71.3	73.9	65.4	65.8	66.1	64.5	65.4	65.4	65.4
31	57.3	58.8	61.7	62.1	63.0	64.1	61.2								64.7	64.8	66.0	63.2	63.0	62.2	64.0
Mean	62.8	63.2	63.2	62.0	62.8	63.4	62.9	66.3	66.7	67.3	65.8	66.8	67.0	66.6	62.5	63.0	63.2	61.7	62.3	62.3	62.5

1949.

Month	AIR PRESSURE (700mm+)											TENSION OF THE VAPOUR mm						
	2	6	10	14	18	22	Mean	Max.	Date	Min.	Date	2	6	10	14	18	22	Mean
January	55.3	55.3	56.0	54.2	55.3	55.5	55.2	65.0	11	40.2	1	4.0	3.8	4.1	4.2	4.3	4.1	4.1
February	53.3	53.5	53.9	52.4	53.2	53.2	53.3	66.5	24	35.3	14	4.1	4.0	4.3	4.3	4.4	4.3	4.2
March	56.3	56.6	56.7	55.3	56.2	56.9	56.3	63.8	31	40.6	18	3.2	3.2	3.2	3.5	3.5	3.3	3.3
April	54.9	55.3	55.6	54.3	54.7	55.5	55.1	67.6	2	43.6	12	5.3	5.2	5.4	5.4	5.4	5.4	5.3
May	54.2	54.5	54.2	53.1	53.5	54.5	54.0	65.1	17	44.1	8	8.5	8.8	9.3	8.9	9.3	9.3	9.0
June	54.2	54.7	54.5	53.4	53.6	54.4	54.1	59.1	21	45.8	30	10.9	11.2	11.5	12.0	11.9	11.2	11.4
July	53.1	53.8	53.9	53.2	53.4	54.2	53.6	58.9	30	40.2	7	15.9	16.1	16.8	17.3	17.2	16.6	16.7
August	53.4	53.9	53.8	52.5	52.8	53.8	53.4	58.1	10	46.5	18	17.8	17.9	18.9	18.5	19.5	18.5	18.5
September	55.4	55.8	56.1	54.9	55.4	56.0	55.6	65.0	14	45.3	1	13.1	13.1	14.3	14.1	14.6	13.6	13.8
October	57.5	57.8	57.9	56.8	57.5	58.1	57.6	64.3	21	40.9	30	8.7	8.1	8.9	9.1	9.3	9.0	8.9
November	60.8	61.1	61.8	60.4	61.3	61.5	61.1	72.2	20	44.7	5	4.8	4.8	5.2	5.2	5.3	5.2	5.1
December	56.9	57.3	57.7	56.2	56.8	56.8	56.9	65.3	1	38.0	14	3.8	3.7	3.9	4.1	4.1	3.8	3.9
Annual	55.4	55.8	56.0	54.7	55.3	55.9	55.5	72.2	XI20	35.3	III14	8.3	8.3	8.8	8.9	9.1	8.7	8.7

Month	AIR TEMPERATURE °C													RELATIVE HUMIDITY %						
	2	6	10	14	18	22	Mean	Mean Max.	Mean Mix.	Mean Range	Absolute Max.	Date	Absolute Min.	Date	2	6	10	14	18	22	Mean
January	0.5	–0.2	2.3	3.9	1.6	1.0	1.5	5.1	–1.6	6.7	11.6	29	–9.0	11	83	84	76	69	82	83	79
February	0.0	–0.3	3.1	5.0	2.5	0.9	1.8	6.1	–1.5	7.7	12.3	26	–6.2	10	88	88	75	66	78	86	80
March	–1.7	–2.2	2.6	4.7	1.3	–0.5	0.7	5.8	–3.3	9.1	12.1	10	–7.5	31	79	81	59	55	69	74	70
April	3.9	3.8	9.1	10.9	7.7	5.1	6.8	12.0	2.0	10.1	23.4	18	–5.9	3	85	85	63	57	69	80	73
May	10.0	11.2	18.3	20.8	16.7	12.6	15.0	22.2	8.1	14.0	29.6	10	0.2	1	90	87	59	49	65	84	72
June	13.6	14.2	18.3	20.7	17.6	14.6	16.5	21.7	12.6	9.0	24.7	24	3.8	9	93	92	73	67	79	89	82
July	19.4	19.7	23.4	24.7	22.9	20.4	21.7	25.8	18.4	7.3	33.9	18	10.6	4	94	93	78	75	82	92	86
August	21.3	21.4	26.8	29.4	25.6	22.6	24.5	30.3	20.5	9.8	34.6	10	17·2	26	94	94	72	62	80	91	82
September	16.0	15.7	21.3	23.5	19.6	16.9	18.8	24.5	14.2	10.3	28.9	3	7.6	14	95	97	74	66	85	93	85
October	9.9	9.0	14.3	16.6	13.0	11.1	12.3	17.7	7.5	10.1	22.5	10	1.2	24	94	93	73	64	82	90	83
November	2.5	1.8	6.4	8.7	5.2	3.3	4.7	10.0	0.3	9.7	17.8	14	–6.1	29	87	90	71	61	78	88	79
December	–0.8	–1.3	1.4	2.8	0.7	–0.2	0.5	4.4	–3.3	7.7	13.2	2	–14.2	27	84	86	74	72	82	83	80
Annual	7.9	7.7	12.3	14.3	11.2	9.0	10.4	15.5	6.2	9.3	34.6	VIII10	–14.2	XII27	89	89	71	63	78	86	79

Month	PRECIPITATION mm											CLOUD AMOUNT 0–10						
	2	6	10	14	18	22	Sum	Maximum in 24 h	Date	in 4 h	Date	2	6	10	14	18	22	Mean
January	18.3	13.4	16.5	14.8	10.1	18.6	91.7	35.0	1	11.3	1	7.9	8.0	8.0	8.5	8.4	8.7	8.3
February	13.0	17.2	14.0	9.2	15.3	17.6	86.3	23.3	12	11.2	12	6.6	7.7	7.4	8.2	7.0	7.4	7.4
March	4.7	4.6	1.5	1.1	4.3	1.9	18.1	5.4	2	3.6	2	6.6	7.8	7.6	8.3	7.6	5.5	7.2
April	27.7	20.7	33.0	13.2	18.8	18.0	131.4	42.2	4	20.3	4	7.0	7.7	7.8	7.5	8.5	6.1	7.4
May	15.8	12.2	15.0	4.2	9.3	19.5	76.0	19.5	14	13.4	14	6.5	7.6	7.5	7.8	7.6	6.6	7.3
June	22.0	28.5	9.6	7.6	68.2	43.0	178.9	50.4	11	48.5	11	9.2	9.4	7.9	8.1	8.4	8.4	8.6
July	12.4	11.8	10.1	17.5	23.2	10.2	85.2	16.4	1	7.9	1	8.3	8.9	8.5	8.7	8.8	7.9	8.5
August	7.5	3.8	1.3	4.9	3.2	14.8	35.5	13.0	18	10.6	18	8.5	9.0	7.1	6.5	7.9	7.6	7.8
September	14.2	23.6	7.1	16.0	12.8	28.8	102.5	38.7	1	19.9	1	8.5	9.6	7.2	7.4	7.4	7.3	7.9
October	20.0	15.9	17.0	10.5	13.7	7.9	85.0	28.8	28	9.8	28	7.7	8.0	7.2	8.0	6.5	6.6	7.4
November	9.6	11.0	4.4	3.9	10.3	11.4	50.6	14.1	18	8.8	18	6.6	7.4	6.8	6.7	7.0	6.5	6.8
December	9.8	10.5	12.9	12.3	15.6	12.0	73.1	20.1	7	5.1	1	7.3	7.4	7.6	8.4	6.6	6.4	7.3
Annual	175.0	173.2	142.4	115.2	204.8	203.7	1014.3	50.4	VI11	48.5	VI11	7.6	8.2	7.6	7.8	7.6	7.1	7.7

1949.

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.	11.3	16.1	18.3	23.7	24.9	16.5	15.8	16.0	16.3	16.3	15.1	15.7	24.9
Date	29	2	31	18	10	8, 3	17	10	14	8	22	27	V 10
VARIABILITY OF DAILY MEAN AIR TEMPERATURE (°C)													
Mean	1.7	1.6	1.4	1.9	1.7	1.2	1.4	0.9	1.7	1.6	2.3	1.9	1.6
FREQUENCY OF VARIATION													
Rise 2° >	11	5	14	8	12	13	14	15	7	10	6	10	125
Rise 2° — 4°	7	2	2	5	6	3	2	2	1	4	5	5	44
Rise 4° — 6°	—	2	1	2	—	—	—	—	2	—	2	1	10
Rise 6° — 8°	—	—	—	—	—	—	—	—	—	—	1	—	1
Rise 8° <	—	—	—	—	—	—	—	—	—	—	—	—	—
Sum	18	9	17	15	18	16	16	17	10	14	14	16	180
Fall 2° >	9	15	11	11	9	11	12	12	13	10	10	8	131
Fall 2° — 4°	3	4	2	2	2	3	2	2	7	6	3	5	41
Fall 4° — 6°	1	—	1	2	2	—	1	—	—	1	2	1	11
Fall 6° — 8°	—	—	—	—	—	—	—	—	—	—	1	1	2
Fall 8° <	—	—	—	—	—	—	—	—	—	—	—	—	—
Sum	13	19	14	15	13	14	15	14	20	17	16	15	185
Stationary	—	—	—	—	—	—	—	—	—	—	—	—	—
MONTHLY MAXIMUM (WITH DATE) MINIMUM (WITH DATE) AND RANGE OF TENSION OF VAPOUR (mm)													
Max.	7.3	7.4	6.2	10.0	14.7	16.7	24.1	23.9	23.9	13.7	10.0	8.6	24.1
Date	1	4	10	19	13	22	19	11	5	13	14	5	VII 19
Min.	2.4	2.4	2.1	2.3	4.5	5.9	9.0	14.4	8.0	4.9	2.9	1.6	1.6
Date	7, 11	22	13	2	1	9	4	17	14	24	29	27	XII 27
Range	4.9	5.0	4.1	7.7	10.2	10.8	15.1	9.5	15.9	8.8	7.1	7.0	22.5
MONTHLY MINIMUM (WITH DATE) OF RELATIVE HUMIDITY (%)													
Min.	44	42	30	26	28	43	47	42	37	37	36	40	26
Date	29	8, 10	13	2	9, 10	1	18	9, 10	29	30	28	10	IV 2
NUMBER OF OBSERVATION WITH PRECIPITATION													
IN LAST FOUR HOURS													
22— 2	11	12	8	8	4	7	8	5	9	10	7	10	99
2— 6	7	8	10	11	7	9	9	5	6	5	7	10	94
6—10	12	9	6	9	5	5	8	5	6	6	5	9	85
10—14	9	7	5	9	4	5	10	3	6	6	5	11	80
14—18	13	8	3	6	4	8	9	4	8	9	6	12	90
18—22	12	6	5	6	2	7	6	7	7	10	6	11	85
Sum	64	50	37	49	26	41	50	29	42	46	36	63	533
<0.1 mm	25	15	27	5	3	11	13	11	11	15	8	15	159
AT EXACT TIME OF OBSERVATION													
2	6	7	7	5	4	5	5	2	3	5	2	10	61
6	5	7	6	8	4	3	4	1	4	5	4	7	58
10	13	6	3	6	2	3	5	1	1	4	4	9	57
14	11	5	5	5	2	4	8	2	3	3	5	10	63
18	11	4	—	2	3	3	5	4	2	3	3	10	50
22	12	6	3	5	2	5	3	4	5	9	5	7	66
Sum	58	35	24	31	17	23	30	14	18	29	23	53	355

1949.

VELOCITY (m.p.s.) OF THE WIND

Month \ Hour	2	6	10	14	18	22	Maximum Vel.	Maximum Dir.	Maximum Date	Mean for 24th	No of Days with Gale m.p.s. 10—15	m.p.s. 15—29	m.p.s. ≧29	Sum
January	2.5	2.2	1.8	2.8	2.2	2.5	17.8	W	23	2.3	5	1	—	6
February	1.9	1.7	2.4	3.7	3.5	2.3	16.7	W	28	2.5	1	2	—	3
March	2.2	2.2	3.7	5.0	3.5	3.1	18.5	WSW	18	3.2	8	2	—	10
April	2.4	2.2	4.2	5.3	4.2	2.6	13.7	NNW	22	3.5	7	—	—	7
May	1.4	1.4	2.7	4.9	4.0	2.0	13.3	WSW	16	2.8	5	—	—	5
June	0.8	0.8	1.8	3.4	3.6	2.3	8.8	SSE	7	2.1	—	—	—	—
July	1.4	1.1	1.7	3.0	2.6	1.7	10.5	NNW	7	1.8	1	—	—	1
August	2.2	1.8	2.7	4.5	4.2	3.4	14.9	ESE	31	3.2	2	—	—	2
September	1.7	1.8	3.1	3.5	3.1	1.9	19.4	SE	1	2.5	2	1	—	3
October	1.6	1.6	2.6	3.6	2.8	2.0	16.8	SW	30	2.5	—	1	—	1
November	2.9	1.9	3.7	3.8	3.1	2.1	14.9	W	14	3.0	5	—	—	5
December	3.6	2.8	3.4	4.0	3.4	3.4	14.4	W	25	3.4	8	—	—	8
Annual	2.1	1.8	2.8	4.0	3.4	2.4	19.4	SE	IX 1	2.7	44	7	—	51

NUMBER OF OBSERVATIONS OF THE WIND FROM

Month \ Dir.	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calm
January	17	3	11	4	7	1	5	11	9	2	6	4	15	10	19	21	41
February	7	1	4	2	1	1	2	9	6	4	3	4	11	17	17	31	48
March	6	1	4	4	2	2	5	9	2	2	2	11	12	33	22	38	31
April	5	6	2	1	4	8	11	17	8	1	4	3	13	21	24	25	27
May	5	3	5	4	3	6	16	33	11	5	2	7	9	10	14	12	41
June	4	2	1	1	2	4	23	47	19	3	1	3	2	3	8	11	46
July	3	6	5	1	2	4	25	31	16	2	3	2	—	1	7	18	60
August	6	1	1	3	2	11	29	48	21	—	2	3	6	7	11	11	24
September	12	8	4	4	3	7	10	32	9	5	5	3	7	19	16	13	23
October	9	5	9	4	6	2	8	23	11	5	8	6	4	21	18	21	26
November	15	8	6	5	3	6	9	7	3	1	2	5	18	13	30	29	20
December	12	13	17	3	5	—	9	8	5	3	4	3	16	18	24	24	22
Annual	101	57	69	36	40	52	152	275	120	33	42	54	113	173	210	254	409

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

Month \ Dir.	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
January	2.8	1.5	2.2	1.1	1.0	0.8	2.2	3.4	1.9	2.3	2.3	3.4	5.5	3.3	3.3	2.8
February	2.4	1.7	3.6	2.8	0.7	2.3	2.3	3.1	2.4	2.5	2.1	4.7	7.1	4.6	2.8	3.2
March	3.7	2.2	2.4	1.0	1.1	1.5	3.3	3.2	1.9	2.0	2.2	6.2	5.6	5.3	3.1	3.3
April	1.7	1.5	1.5	1.7	1.3	5.2	3.0	4.5	3.2	0.7	3.4	1.5	4.2	5.9	4.8	4.3
May	1.0	1.7	1.6	2.3	1.4	3.1	3.4	4.2	3.2	1.7	4.0	7.1	4.8	3.2	3.4	3.2
June	1.6	1.0	1.3	1.0	1.9	3.4	3.2	3.1	3.2	1.4	1.7	4.6	1.3	2.3	2.0	2.1
July	2.4	1.4	0.9	1.3	0.9	2.7	2.9	3.1	2.3	2.2	1.6	2.3	—	1.0	2.9	3.0
August	1.5	4.4	1.5	1.3	4.7	5.5	3.9	4.3	3.5	—	2.0	1.0	1.3	1.3	3.2	3.7
September	1.7	1.5	2.0	1.2	1.4	8.3	4.2	4.3	2.4	1.8	2.2	2.1	2.5	1.7	2.1	2.4
October	1.9	2.7	1.7	1.6	1.7	3.6	2.4	3.2	2.6	1.8	5.4	2.1	4.1	2.5	2.7	2.9
November	2.3	2.8	2.2	1.4	1.3	1.5	3.0	5.8	3.0	1.7	1.6	3.5	3.3	4.7	3.4	3.7
December	5.2	3.1	2.9	1.9	1.9	—	2.4	4.4	2.2	2.0	1.9	4.7	4.2	6.3	4.0	3.9
Annual	2.6	2.2	2.2	1.5	1.6	4.3	3.2	3.8	2.8	1.9	2.9	4.2	4.4	4.2	3.3	3·3

1949.

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

Month \ Hours	2	6	10	14	18	22	General
January	N 43° W 1.6	N 71° W 1.0	S 67° W 0.2	N 74° W 1.7	N 34° W 0.9	N 37° W 0.9	N 55° W 1.0
February	N 52° W 1.3	N 39° W 0.7	N 48° W 1.2	N 60° W 2.5	N 81° W 1.7	N 67° W 1.5	N 61° W 1.5
March	N 59° W 1.4	N 45° W 1.4	N 60° W 2.2	N 77° W 3.8	N 58° W 2.3	N 57° W 2.0	N 62° W 2.2
April	N 39° W 0.7	N 41° W 1.2	N 63° W 1.9	N 76° W 1.9	N 75° W 1.3	N 48° W 1.0	N 64° W 1.3
May	S 72° W 0.4	N 77° E 0.3	S 28° W 0.5	S 24° W 2.2	S 11° W 1.4	S 3° W 0.7	S 18° W 0.8
June	S 48° E 0.1	N 43° W 0.1	S 5° E 1.0	S 13° E 2.8	S 31° E 2.7	S 26° E 1.5	S 21° E 1.3
July	S 23° E 0.4	N 55° E 0.2	S 45° E 0.4	S 22° E 1.2	S 25° E 1.0	S 29° E 1.0	S 30° E 0.7
August	S 32° E 1.2	S 5° E 0.8	S 22° E 0.9	S 35° E 2.5	S 25° E 3.3	S 42° E 2.2	S 31° E 1.7
September	N 56° E 0.2	S 64° E 0.7	S 40° E 1.1	S 2° W 1.1	S 7° E 1.2	S 18° E 0.6	S 25° E 0.7
October	N 80° W 0.5	N 22° W 0.7	N 40° W 1.0	S 55° W 1.0	S 33° W 0.9	S 35° W 0.3	S 88° W 0.5
November	N 38° W 1.6	N 31° W 0.8	N 34° W 1.7	N 67° W 1.9	N 57° W 1.8	N 12° W 1.0	N 44° W 1.4
December	N 28° W 1.9	N 5° W 1.3	N 32° W 2.3	N 52° W 2.1	N 44° W 1.3	N 54° W 2.0	N 38° W 1.8
Annual	N 48° W 0.6	N 32° W 0.4	N 61° W 0.6	S 67° W 1.1	S 45° W 0.6	S 88° W 0.3	N 86° W 0.5

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	1	3	1	1	—	1	2	1	1	—	3	17
0.1— 1	9	3	11	3	3	2	4	7	6	10	8	5	71
1— 3	9	6	4	7	1	1	5	3	4	5	4	9	58
3— 5	—	3	1	2	—	2	2	2	—	3	1	1	17
5— 10	3	3	1	3	4	1	2	1	4	2	—	4	28
10— 15	2	—	—	2	2	2	3	1	2	—	3	—	17
15— 20	—	1	—	1	1	2	1	—	—	1	—	—	7
20— 25	—	1	—	—	—	1	—	—	—	—	—	1	3
25— 30	—	—	—	—	—	1	—	—	—	1	—	—	2
30— 35	—	—	—	—	—	—	—	—	—	—	—	—	—
35— 40	1	—	—	—	—	—	—	—	1	—	—	—	2
40— 45	—	—	—	1	—	—	—	—	—	—	—	—	1
45— 50	—	—	—	—	—	—	—	—	—	—	—	—	—
50— 60	—	—	—	—	—	1	—	—	—	—	—	—	1
60— 70	—	—	—	—	—	—	—	—	—	—	—	—	—
70— 80	—	—	—	—	—	—	—	—	—	—	—	—	—
80— 90	—	—	—	—	—	—	—	—	—	—	—	—	—
90—100	—	—	—	—	—	—	—	—	—	—	—	—	—
100≧	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	27	18	20	20	12	13	18	16	18	23	16	23	224

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	0.4	0.1	0.7	2.4	1.3	0.8	1.0	3.0	2.7	3.6	3.7	4.5	6.9	10.9	13.3	13.6	13.3
February	2.1	1.8	4.5	6.7	3.7	2.6	3.6	3.7	3.9	4.3	4.8	4.9	6.5	10.4	12.2	13.0	13.1
March	1.3	1.0	7.2	9.1	4.2	2.1	4.1	3.9	4.0	4.2	4.6	4.7	6.0	9.5	11.4	12.5	12.8
April	5.8	5.9	14.0	14.7	9.6	6.8	9.5	8.9	8.9	8.5	8.4	7.7	7.5	9.1	10.8	12.0	12.5
May	12.4	13.8	23.4	23.5	17.4	14.4	17.5	16.2	16.1	15.1	14.5	13.2	11.3	9.8	10.7	11.5	12.3
June	16.2	17.3	26.5	27.1	19.8	17.0	20.7	19.6	19.6	19.0	18.5	17.0	15.3	11.6	11.2	11.5	12.0
July	21.1	21.7	27.9	28.4	24.3	22.0	24.2	23.5	23.4	22.4	21.8	17.6	18.0	13.3	12.3	11.7	12.0
August	23.3	23.6	33.9	35.7	27.0	24.4	28.0	26.5	26.4	25.5	24.8	23.6	20.8	14.9	13.3	12.1	12.1
September	18.7	18.6	26.2	26.6	21.5	19.4	21.8	21.9	22.1	22.1	22.1	21.8	20.9	16.4	14.4	12.8	12.3
October	12.2	11.6	18.9	18.6	14.5	12.8	14.8	15.0	15.3	16.0	16.5	16.9	17.8	16.4	15.1	13.4	12.7
November	4.4	3.9	10.0	11.1	6.2	4.9	6.8	7.2	7.5	8.6	9.6	10.4	13.1	15.3	15.1	13.9	13.1
December	1.3	1.0	3.6	5.3	2.1	1.4	2.4	2.9	3.1	4.1	5.1	5.9	8.6	13.3	14.3	13.9	13.3
Annual	9.9	10.0	16.4	17.4	12.6	10.7	12.9	12.7	12.7	12.8	12.9	12.4	12.7	12.6	12.9	12.7	12.6

1949.

	Month	NUMBER OF OBSERVATIONS OF CLOUDS FROM																Direction	Intensity %
		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Not Observed	MEAN MOTION OF CLOUDS	
Upper Cloud	Jan.	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	185	W	100
	Feb.	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	165	W	100
	Mar.	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	184	S 67° W	93
	Apr.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	180	—	—
	May	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	Jun.	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	179	S 45° W	100
	Jul.	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	185	W	100
	Aug.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	Sep.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	180	—	—
	Oct.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	Nov.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	180	—	—
	Dec.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	Annual	—	—	—	—	—	—	—	—	—	—	2	—	6	—	—	—	2182	S 79° W	98
Cloud Intermediate	Jan.	—	—	—	—	—	—	—	—	1	—	—	—	2	—	—	—	183	S 63° W	75
	Feb.	—	—	—	—	—	—	—	—	1	—	—	—	2	—	—	—	165	S 63° W	75
	Mar.	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	184	W	100
	Apr.	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	179	W	100
	May	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	Jun.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	180	—	—
	Jul.	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	185	W	100
	Aug.	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	185	—	—
	Sep.	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	178	W	100
	Oct.	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	185	W	100
	Nov.	—	—	—	—	—	—	—	—	2	—	1	—	2	—	—	—	175	S 45° W	77
	Dec.	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	185	S 45° W	100
	Annual	1	—	—	—	—	—	—	—	4	—	2	—	13	—	—	—	2170	S 69° W	77
Lower Cloud	Jan.	—	—	—	—	—	—	2	—	1	—	2	—	43	—	—	—	138	S 85° W	90
	Feb.	1	—	—	—	1	—	—	—	—	—	—	—	33	—	—	—	133	N 73° W	91
	Mar.	—	—	—	—	—	—	—	—	—	—	—	—	79	—	—	—	107	W	100
	Apr.	—	—	—	—	—	—	—	—	1	—	—	—	52	—	—	—	127	S 89° W	98
	May	—	—	—	—	—	—	—	1	4	—	—	—	34	—	—	—	147	S 82° W	87
	Jun.	4	—	—	—	3	—	—	—	5	—	—	—	9	—	—	—	159	S 81° W	29
	Jul.	—	—	—	—	—	—	—	—	5	—	—	—	13	—	—	—	168	S 69° W	77
	Aug.	2	—	1	—	7	—	—	—	19	—	—	—	9	—	1	—	147	S 7° W	44
	Sep.	1	—	—	—	—	—	—	—	14	—	—	—	19	—	—	—	146	S 56° W	68
	Oct.	—	—	—	—	—	—	—	—	2	—	—	—	22	—	—	—	162	S 85° W	92
	Nov.	1	—	—	—	—	—	—	—	—	—	—	—	28	—	—	—	151	N 88° W	97
	Dec.	—	—	—	—	—	—	—	—	1	—	—	—	12	—	—	—	173	S 85° W	93
	Annurl	9	—	1	—	11	—	2	1	52	—	2	—	353	—	1	—	1758	S 82° W	80

Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
MONTHLY TOTAL DURATION OF SUNSHINE (in hours)												
91.94	121.27	184.22	174.94	227.85	147.73	115.01	213.59	136.46	121.65	122.99	100.14	1757.79
PERCENTAGE TO POSSIBLE DURATION												
30	40	50	44	52	33	25	51	37	35	41	34	40
AMOUNT OF EVAPORATION (mm)												
OPEN AIR												
2.0	2.3	3.0	4.0	5.7	5.1	4.6	6.2	3.6	2.8	2.4	1.9	3.6
IN THE SHELTER												
1.0	1.0	1.5	1.6	2.1	1.3	1.2	1.7	1.0	0.9	1.0	1.0	1.3

1949.

NUMBER OF DAYS WITH

Month	●✳ △▲	✳	△	▲	◹	≡	Clear	Cloudy	Sunless	↙	⌊	Min Temp. <0°	Mean Temp. <0°	Max Temp. <0°	Min Temp. ≧25°	Mean Temp. ≧25°	Max Temp. ≧25°	Max Temp. ≧30°
January	24	20	1	—	—	1	—	20	6	6	—	20	10	—	—	—	—	—
February	17	9	4	—	—	5	2	16	5	3	13	21	7	—	—	—	—	—
March	17	16	2	—	—	—	1	15	1	10	11	29	13	1	—	—	—	—
April	19	4	—	—	—	1	—	15	4	7	6	7	—	—	—	—	—	—
May	11	—	—	—	1	1	1	12	2	5	1	—	—	—	—	—	8	—
June	13	—	—	—	1	—	—	23	5	—	—	—	—	—	—	—	—	—
July	17	—	—	—	1	2	1	25	6	1	—	—	—	—	—	8	16	4
August	14	—	—	—	2	5	—	18	—	—	—	—	—	—	—	15	31	16
September	17	—	—	—	—	6	—	19	5	3	—	—	—	—	—	—	11	—
October	22	—	—	—	—	7	1	14	4	1	1	—	—	—	—	—	—	—
November	16	2	—	—	—	1	3	11	4	5	11	17	3	—	—	—	—	—
December	20	13	1	—	—	3	—	12	6	8	5	25	11	5	—	—	—	—
Annual	207	64	8	—	5	32	9	200	48	49	48	119	44	6	—	23	66	20

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

Note 2: In the 7th Column, day with ≡° are not included.

GENERAL REMARKS.

	First Day (last year) 1948	Last Day (this year) 1949	First Day (this year) 1949
Min. Air Temp. below 0°:	Nov. 2	Apr. 21	Nov. 3
Mean Air Temp. below 0°:	Nov. 28	Mar. 24	Nov. 17
Max. Air Temp. below 0°:	Mar. 1	Mar. 1	Dec. 8
Max. Air Temp. above 25°:		Sep. 26	May 10
Mean Air Temp. above 25°:		Aug. 31	Jul. 17
Max. Air Temp. above 30°:		Aug. 29	Jul. 17
Hoar Frost:	Oct. 24	May 1	Oct. 24
Snow:	Nov. 9	Apr. 16	Oct. 24
Snow on Ground:	Nov. 27	Apr. 16	Nov. 17

Max. Continuance of Days with Min Temp. below 0° is 23 Days: from Mar. 12 to Apr. 3

Max. Continuance of Days with Mean Temp. below 0° is 8 Days: from Jan. 5 to Jan. 12

Max. Continuance of Days with Max. Temp. above 30° is 11 Days: from Aug. 6 to Aug. 16

Max. Continuance of Days with Precipitation is 14 Days: from Oct. 25 to Nov. 7

Max. Continuance of Days without Precipitation is 9 Days: from {May 27 to Jun. 4 / Aug. 9 to Aug. 17}

Continuance of more than 5 Days with Precipitation are:

10	Days:	from Jan.	1	to Jan.	10	9	Days:	from Sep.	16	to Sep.	24
7	〃	from Feb.	15	to Feb.	21	12	〃	from Oct.	9	to Oct.	20
9	〃	from Feb.	25	to Mar.	5	14	〃	from Oct.	25	to Nov.	7
6	〃	from Apr.	3	to Apr.	8	7	〃	from Nov.	12	to Nov.	18
5	〃	from Jun.	19	to Jun.	23	6	〃	from Dec.	4	to Dec.	9
5	〃	from Jul.	11	to Jul.	15	6	〃	from Dec.	14	to Dec.	19
5	〃	from Aug.	18	to Aug.	22	6	〃	from Dec.	25	to Dec.	30

1949.

FIVE-DAY MEANS

Month	Five-day Period	Air Pressure mm	Air Temperature °C	Tension of the Vapour mm	Relative Humidity %	Amount of Clouds (0~10)	Velocity of the Wind m.p.s.	Precipitation (Total) mm
January	1— 5	747.3	3.9	5.4	89	9.5	2.1	67.4
	6—10	755.1	–1.6	3.3	81	8.4	1.5	10.6
	11—15	759.5	0.3	3.9	83	8.7	1.7	4.4
	16—20	755.8	0.1	3.6	78	8.9	2.9	2.8
	21—25	758.5	2.3	2.8	71	6.8	3.2	1.6
	26—30	754.8	3.3	4.3	75	7.5	2.5	4.6
February	31— 4	758.0	5.4	5.5	82	7.2	1.4	6.5
	5— 9	750.8	1.7	4.0	76	8.2	2.7	3.0
	10—14	750.8	2.0	4.3	81	6.3	2.3	40.9
	15—19	751.0	0.5	3.8	81	9.3	3.2	10.3
	20—24	760.0	0.0	3.3	72	5.1	3.0	10.0
	25— 1	749.8	1.5	4.4	85	7.7	3.0	18.5
March	2— 6	754.6	–0.9	3.3	76	7.2	3.0	6.9
	7—11	753.7	2.3	3.8	71	7.8	2.8	1.2
	12—16	758.3	0.7	2.9	61	7.2	4.5	0.6
	17—21	752.2	0.7	3.4	70	9.1	4.1	5.4
	22—26	758.8	0.1	3.4	75	6.5	2.0	0.9
	27—31	761.1	2.1	3.3	65	6.1	2.4	0.5
April	1— 5	759.3	4.5	4.5	72	6.9	3.7	45.5
	6—10	753.8	3.9	4.8	80	8.4	3.7	28.9
	11—15	753.0	6.2	4.8	70	8.2	3.2	8.8
	16—20	757.1	8.9	5.9	70	5.6	2.8	7.9
	21—25	753.4	8.3	6.2	75	7.8	3.5	8.5
	26—30	753.6	8.7	5.8	71	7.6	4.0	31.8
May	1— 5	755.1	10.7	6.5	70	8.9	2.8	13.5
	6—10	750.1	14.6	8.0	67	6.2	2.4	9.3
	11—15	751.7	16.6	10.3	74	8.6	3.3	36.7
	16—20	758.0	15.1	9.8	77	7.1	2.8	15.5
	21—25	752.5	16.6	10.4	76	8.4	2.9	0.6
	26—30	756.0	15.8	9.0	71	4.6	2.5	0.4
June	31— 4	755.3	15.0	9.2	74	5.5	2.9	—
	5— 9	754.0	14.1	9.5	80	9.3	2.2	3.0
	10—14	752.0	16.9	11.6	82	8.9	1.6	53.7
	15—19	754.4	18.4	13.6	87	9.9	2.0	27.2
	20—24	753.1	17.0	12.8	89	9.3	1.6	79.9
	25—29	757.2	17.0	11.2	78	7.8	2.4	—
July	30— 4	751.6	17.3	12.8	87	8.3	2.0	33.3
	5— 9	749.5	19.1	13.5	83	8.8	2.9	14.0
	10—14	754.7	21.6	16.9	88	9.1	1.4	20.3
	15—19	754.7	24.9	19.1	83	5.6	0.9	8.6
	20—24	753.7	25.2	20.0	85	9.4	1.0	9.9
	25—29	755.1	22.8	18.0	87	9.6	2.7	12.9
August	30— 3	755.8	21.2	16.0	86	8.9	3.0	1.8
	4— 8	755.1	24.9	18.2	80	6.7	2.6	0.1
	9—13	753.8	25.7	18.5	78	5.6	1.5	—
	14—18	752.8	24.4	17.9	80	7.9	3.4	13.0
	19—23	750.5	24.8	19.6	85	8.7	2.8	6.0
	24—28	753.3	23.5	18.4	86	9.2	3.6	10.7
September	29— 2	753.5	24.8	20.0	87	9.1	6.5	45.0
	3— 7	755.9	21.1	15.7	84	4.3	2.0	0.0
	8—12	754.0	19.3	13.8	83	8.8	1.7	8.2
	13—17	758.0	16.8	12.1	86	7.3	2.7	6.5
	18—22	756.9	18.5	14.0	89	9.9	2.1	29.9
	23—27	753.1	18.9	13.4	83	8.7	3.1	15.7
October	28— 2	757.1	14.1	9.5	82	7.3	1.9	4.8
	3— 7	759.7	12.7	9.0	83	7.6	1.9	1.8
	8—12	758.4	13.8	10.3	87	7.1	2.2	13.1
	13—17	758.4	14.9	10.6	84	8.2	1.9	10.4
	18—22	759.0	12.9	9.2	83	7.7	2.5	19.7
	23—27	757.5	9.9	7.0	79	5.3	2.6	1.1
November	28— 1	752.9	9.1	6.8	79	8.4	4.1	36.9
	2— 6	757.1	6.7	5.9	81	7.7	2.7	13.9
	7—11	760.9	5.6	4.8	73	6.0	3.6	4.8
	12—16	756.9	5.6	5.6	81	6.4	3.6	15.3
	17—21	763.5	2.0	4.3	81	8.0	2.7	15.1
	22—26	761.2	4.9	5.3	81	7.5	3.3	1.1
December	27— 1	767.2	2.1	4.4	82	5.9	1.4	9.4
	2— 6	758.2	5.2	5.7	86	8.4	2.2	3.7
	7—11	758.0	0.1	3.7	80	7.7	3.6	27.9
	12—16	752.3	2.3	4.0	75	5.8	3.8	5.7
	17—21	759.5	0.9	3.7	76	6.0	3.3	3.2
	22—26	757.7	–1.3	3.1	74	6.6	4.7	5.0
	27—31	754.9	–5.3	2.7	86	8.5	3.1	18.2
Mean		755.5	10.5	8.7	79	7.7	2.7	13.9

SEISMOLOGICAL OBSERVATIONS

Remarks:

1. The seismic intensity is divided into the following seven classes according to the scale of the Central Meteorological Observatory.

Unfelt	0.	
Felt	1.	slight
	2.	moderate
	3.	rather strong
	4.	strong
	5.	very strong
	6.	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.

EARTHQUAKES, 1949.

No.	Date 1949	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		
1	Jan. 2	17	53	37		*e* 53	37			56	47			56	48			—		—		—		—		10	16	0	
2	2	23	20	49		—	—			21	11			*e* 21	18			—		—		—		—		7	47	0	
3	4	2	55	50		—	—			56	03			—	—			—		—		—		—		1	02	0	
4	5	1	20	25		—	—			20	38			—	—			—		—		—		—		1	56	0	
5	5	15	18	33		18	31			18	48			18	49			—		—		—		—		5	09	0	
6	5	21	49	07		—	—			49	27			—	—			—		—		—		—		2	14	0	
7	6	22				—	—			*e* 44	11			—	—			—		—		—		—		—	—	0	
8	7	22	12	39		12	39			12	58			*e* 12	58			—		—		—		—		7	32	0	
9	8	5	00	52		*e* 00	54			01	13			01	14			—		—		—		—		7	26	0	
10	8	17				—	—			19	03			—	—			—		—		—		—		—	—	0	
11	8	17				—	—			33	27			—	—			—		—		—		—		—	—	0	
12	8	19	15	37		—	—			15	52			—	—			—		—		—		—		2	23	0	
13	9	17	45	20		45	20			45	34			45	33			—		—		—		—		4	51	1	
14	10	14	09	49		*e* 09	52			10	44			*e* 10	44			—		—		—		—		4	58	0	
15	10	*e* 17	54	32		—	—			54	59			—	—			—		—		—		—		3	35	0	
16	18	13	36	26		—	—			36	49			—	—			—		—		—		—		4	08	0	
17	20	*e* 0	05	18		*e* 05	20			08	59			*e* 08	58			—		—		—		—		23	29	0	
18	20	22	26	37		26	36			27	59			27	58			—		—		—		—		12	21	0	
19	25	14	47	11		47	11			47	26			47	27			—		—		—		—		3	16	0	
20	30	22				—	—			06	09			—	—			—		—		—		—		—	—	0	
21	Feb. 2	3	23	55		*e* 23	57			*e* 30	22			30	22			—		—		—		—		25	19	0	
22	3	0	25	14		—	—			25	29			—	—			—		—		—		—		3	12	0	
23	3	2	48	00		—	—			48	39			—	—			—		—		—		—		18	06	0	
24	9	16	32	30		—	—			32	43			*e* 32	45			—		—		—		—		2	06	0	
25	11	7	18	09		—	—			18	40			—	—			—		—		—		—		4	53	0	
26	14	3	37	01		—	—			—	—			46	00			—		—		—		—		—	—	0	
27	15	0	01	05		—	—			01	30			01	32			—		—		—		—		6	03	0	
28	15	14	30	20		—	—			30	45			30	46			—		—		—		—		3	28	0	
29	16	17	03	55		—	—			04	14			—	—			—		—		—		—		3	04	0	
30	19	0				—	—			53	24			—	—			—		—		—		—		—	—	0	
31	19	9	05	55		—	—			06	20			*e* 06	19			—		—		—		—		3	26	0	
32	20	14	49	42		—	—			50	28			*e* 50	29			—		—		—		—		4	19	0	
33	23	3	34	34		—	—			34	50			—	—			—		—		—		—		2	42	0	
34	23	20	40	27		—	—			40	44			—	—			—		—		—		—		1	16	0	
35	24	1	16	11		*e* 16	12			*e* 22	10			? 22	12			—		—		23	57	—		43	38	0	
36	26	*e* 13	02	42		02	42			03	20			03	20			—		—		—		—		19	15	0	
37	26	23	09	40		—	—			10	13			—	—			—		—		—		—		4	29	0	
38	27	3				—	—			14	02			—	—			—		—		—		—		—	—	0	
39	27	6	38	17		—	—			38	51			38	51			—		—		—		—		6	19	0	
40	28	5	26	21		—	—			26	31			—	—			—		—		—		—		2	11	0	
41	28	6	52	07		—	—			54	10			? 54	17			—		—		—		—		6	29	0	
42	Mar. 4	10	26	38		—	—			34	29			—	—			—		—		—		—		20	54	0	
43	4	19	28	37		28	37			35	58			35	58			—		—		—		—		53	37	0	
44	5	7				—	—			16	57			—	—			—		—		—		—		—	—	0	
45	6	2	45	49		*e* 45	49			46	21			*e* 46	22			—		—		—		—		4	39	0	
46	6	14	23	10		*e* 23	12			23	34			23	36			—		—		—		—		4	21	0	
47	8	20	02	41		—	—			02	48			—	—			—		—		—		—		1	43	0	
48	11	4	18	11		—	—			18	25			—	—			—		—		—		—		1	54	0	
49	16	3	53	41		*e* 53	41			54	26			*e* 54	26			—		—		—		—		3	53	0	
50	17	2	18	29		—	—			18	49			—	—			—		—		—		—		2	40	0	
51	17	7	23	31		? 23	41			*e* 33	27			*e* 33	24			—		—		—		—		29	56	0	
52	17	12	34	16		—	—			35	10			—	—			—		—		—		—		4	42	0	
53	17	18	17	04		*e* 17	04			17	18			17	18			—		—		—		—		3	25	0	
54	18	*e* 12	26	05		? 26	05			27	09			27	10			—		—		—		—		6	05	0	
55	20	3	22	12		22	12			24	29			24	28			—		—		—		—		10	34	0	

EARTHQUAKES, 1949.

No.	Date 1949	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		
56	Mar. 21	2 09 43		—	—	10 21		*e* 10 23		— —		— —		+ 7		—		4 52	0	
57	22	11 58 28		—	—	59 37		— —		— —		— —		—		—		4 25	0	
58	23	16 33 12		—	—	33 33		— —		— —		— —		—		—		1 40	0	
59	25	19 47 47		47	46	47 57		47 57		— —		— —		± 27		± 55		3 31	0	
60	25	20 16 55		—	—	17 17		— —		— —		— —		− 3		—		2 24	0	
61	27	15 41 21		*e* 41	23	47 27		? 47	21	54 09		54 05		− 10		+135		52 00	0	
62	Apr. 1	20		—	—	49 41		— —		— —		— —		+ 3		—		— —	0	
63	3	12		—	—	33 27		— —		— —		— —		—		—		— —	0	
64	5	18 29 03		29	03	30 26		30 26		— —		— —		− 75		+ 55		8 40	0	
65	7	21		—	—	*e* 15 22		— —		— —		— —		—		—		— —	0	
66	11	2 48 08		—	—	*e* 49 51		— —		— —		— —		+ 6		—		5 07	0	
67	11	20		—	—	*e* 31 17		— —		— —		— —		—		—		— —	0	
68	14	5 06 30		06	30	*e* 07 25		*e* 07 27		— —		— —		− 11		—		5 25	0	
69	14	18 43 01		—	—	43 35		43 34		— —		— —		− 11		—		5 00	0	
70	16	1 34 22		—	—	34 34		— —		— —		— —		—		—		1 20	0	
71	20	0 22 21		22	21	24 40		24 40		— —		— —		+ 17		− 15		9 11	0	
72	20	2 03 05		03	05	03 49		03 48		— —		— —		+ 43		− 35		10 04	0	
73	20	12 48 59		? 49	00	53 26		? 53	22	— —		— —		—		—		9 57	0	
74	21	0		—	—	*e* 33 12		— —		— —		— —		—		—		— —	0	
75	22	8 49 56		49	57	50 17		50	17	— —		— —		+ 18		− 23		4 07	0	
76	24	13 33 22		*e* 33	29	*e* 42	29	? 42	23	— —		— —		—		—		20 47	0	
77	24	22 53 52		—	—	54 15		*e* 54	17	— —		— —		− 10		—		3 46	0	
78	25	23 14 39		*e* 14	43	15 27		*e* 15	28	— —		— —		+ 13		+ 20		5 54	0	
79	29	5 43 20		—	—	44 22		44	25	— —		— —		− 40		—		6 01	0	
80	29	15 52 10		—	—	52 38		—	—	— —		— —		+ 4		—		2 57	0	
81	30	10 30 26		30	30	35 52		35	53	*e* 44	16	*e* 44	12	−108		—		35 47	0	
82	May. 1	1 07 42		07	42	07 54		07	53	— —		— —		− 80		±123		5 34	1	
83	3	7 32 35		—	—	32 42		32	42	— —		— —		+ 10		− 10		2 32	0	
84	3	14 59 48		59	47	61 59		62	00	— —		— —		− 27		+ 35		8 39	0	
85	4	11 55 23		55	22	56 03		*e* 56	04	— —		— —		− 24		− 15		7 25	0	
86	5	*e* 8 17 22		—	—	17 45		—	—	— —		— —		+ 3		—		3 08	0	
87	6	17 31 46		—	—	32 05		—	—	— —		— —		− 69		—		7 28	1	
88	6	18 26 55		—	—	27 07		—	—	— —		— —		—		—		1 41	0	
89	8	16 00 36		—	—	01 42		01	44	— —		— —		+ 26		− 13		6 13	0	
90	8	17		—	—	05 49		—	—	— —		— —		—		—		— —	0	
91	9	*e* 1 02 10		—	—	02 24		—	—	— —		— —		—		—		1 25	0	
92	9	? 22 45 49		—	—	— —		—	—	— —		— —		—		—		41 21	0	
93	11	5		—	—	42 10		—	—	— —		— —		—		—		— —	0	
94	12	10 02 54		02	53	03 22		03	24	— —		— —		+ 25		+ 35		6 15	0	
95	12	20 19 04		—	—	19 37		—	—	— —		— —		—		—		3 15	0	
96	14	*e* 0 25 49		—	—	26 53		—	—	— —		— —		+ 5		—		2 56	0	
97	14	12		—	—	58 41		—	—	— —		— —		—		—		— —	0	
98	17	9		—	—	28 41		28	39	— —		— —		− 10		—		— —	0	
99	17	11 33 03		*e* 33	09	35 17		*e* 35	20	— —		— —		+ 5		—		7 24	0	
100	19	22 —		—	—	34 21		—	—	— —		— —		—		—		— —	0	
101	21	*e* 4 42 10		—	—	42 54		—	—	— —		— —		—		—		3 32	0	
102	22	*i* 6 40 42		*i* 40	42	41 04		41	06	— —		— —		—		—		26 22	3	
103	22	19 23 41		*e* 23	41	24 04		*e* 24	06	— —		— —		+ 9		—		3 52	0	
104	22	23 37 04		37	04	37 14		37	15	— —		— —		− 90		−150		6 41	1	
105	24	1 28 22		—	—	29 36		*e* 29	36	— —		— —		+ 6		—		4 07	0	
106	25	3 59 57		59	59	60 18		60	19	— —		— —		−175		−300		10 38	1	
107	25	*e* 14 59 20		—	—	59 40		—	—	— —		— —		+ 6		—		2 47	0	
108	25	19 00 51		—	—	01 02		—	—	— —		— —		± 4		—		1 27	0	
109	26	*e* 23 30 32		—	—	31 04		—	—	— —		— —		− 4		—		3 35	0	
110	Jun. 2	6 52 53		52	57	53 18		53	20	— —		— —		− 29		+ 30		6 04	0	

EARTHQUAKES, 1949.

No.	Date 1949	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			μ		μ		m	s		
111	Jun. 4	16				—	—			49	58			—	—			—	—			—	—			—		—		—	—	0	
112	5	11	22	43		—	—			22	52			—	—			—	—			—	—			± 8		—		2	27	0	
113	6	17				—	—			36	18			—	—			—	—			—	—			—		—		—	—	0	
114	7	*e* 20	57	57		—	—			59	02			59	02			—	—			—	—			+ 6		—		6	17	0	
115	9	13	25	11		—	—			25	44			*e* 25	45			—	—			—	—			− 17		− 20		6	28	0	
116	9	17				—	—			*e* 11	15			—	—			—	—			—	—			+ 4		—		—	—	0	
117	10	6	54	10		—	—			54	44			—	—			—	—			—	—			− 5		—		3	51	0	
118	13	15	46	16		—	—			46	35			—	—			—	—			—	—			− 4		—		3	01	0	
119	16	8	29	52		—	—			30	19			—	—			—	—			—	—			+ 6		—		5	15	0	
120	17	*e* 23	16	28		—	—			*e* 17	34			—	—			—	—			—	—			+ 6		—		4	23	0	
121	18	*i* 12	27	52		—	—			28	11			28	14			—	—			—	—			+ 26		− 25		5	38	0	
122	20	3	02	54		—	—			03	12			—	—			—	—			—	—			+ 8		—		1	38	0	
123	22	13	59	34		—	—			*e* 59	56			—	—			—	—			—	—			—		—		2	24	0	
124	24	3	48	51		—	—			50	14			—	—			—	—			—	—			+ 5		—		5	53	0	
125	26	9	39	46		—	—			39	58			*e* 39	56			—	—			—	—			− 15		—		3	12	0	
126	26	17	49	13		*e* 49	19			55	41			*e* 55	40			—	—			—	—			—		—		15	56	0	
127	26	18	17	29		—	—			18	04			*e* 18	07			—	—			—	—			− 5		—		3	23	0	
128	26	19	29	03		—	—			29	21			29	24			—	—			—	—			− 21		—		3	53	0	
129	29	17	46	32		—	—			47	05			*e* 47	07			—	—			—	—			− 3		—		3	47	0	
130	Jul. 2	13				—	—			40	39			—	—			—	—			—	—			—		—		—	—	0	
131	3	5	02	24		02	24			06	35			06	33			—	—			—	—			+113		−238		54	57	0	
132	4	2	04	26		—	—			04	38			—	—			—	—			—	—			+ 8		—		1	30	0	
133	4	*e* 19	09	56		—	—			10	17			—	—			—	—			—	—			± 4		—		2	11	0	
134	5	3				—	—			56	24			—	—			—	—			—	—			—		—		—	—	0	
135	6	*e* 18	50	50		—	—			51	03			—	—			—	—			—	—			—		—		2	00	0	
136	8	5	28	48		—	—			29	56			—	—			—	—			—	—			+ 7		—		4	06	0	
137	9	8	07	28		—	—			07	43			—	—			—	—			—	—			− 5		—		2	24	0	
138	10	13	03	02		03	03			10	26			10	26			—	—			*e* 20	50			—		+433		70	21	0	
139	11	0	58	32		58	32			66	00			*e* 66	01			—	—			*e* 79	34			—		—		34	31	0	
140	11	1	33	20		33	22			40	48			*e* 40	52			—	—			*e* 54	26			—		—		40	43	0	
141	12	1	12	56		12	55			14	39			14	34			—	—			—	—			− 54		+ 38		10	57	0	
142	14	1				—	—			28	11			—	—			—	—			—	—			—		—		—	—	0	
143	14	19				—	—			17	17			—	—			—	—			—	—			—		—		—	—	0	
144	14	*e* 20	47	42		—	—			48	15			—	—			—	—			—	—			—		—		2	41	0	
145	14	*e* 22	49	40		—	—			50	03			—	—			—	—			—	—			—		—		2	56	0	
146	15	8	23	19		23	20			24	58			24	59			—	—			—	—			+ 86		−110		11	05	0	
147	17	*e* 7	08	23		—	—			08	44			—	—			—	—			—	—			+ 4		—		3	10	0	
148	18	18	53	49		53	49			54	17			54	20			—	—			—	—			+114		+165		9	19	0	
149	19	2	17	52		—	—			18	14			—	—			—	—			—	—			+ 5		—		3	08	0	
150	19	13	27	32		—	—			28	02			*e* 28	05			—	—			—	—			+ 10		—		3	46	0	
151	23	*e* 6	05	57		—	—			06	14			—	—			—	—			—	—			—		—		2	02	0	
152	23	19	37	01		*e* 37	07			45	23			45	24			—	—			—	—			—		—		20	19	0	
153	27	0	35	05		—	—			35	36			—	—			—	—			—	—			+ 5		—		1	28	0	
154	27	4	49	33		—	—			50	03			—	—			—	—			—	—			− 6		—		4	46	0	
155	28	16	32	13		—	—			32	26			—	—			—	—			—	—			—		—		1	39	0	
156	28	*e* 18	26	57		—	—			27	09			—	—			—	—			—	—			—		—		1	39	0	
157	28	19	13	55		—	—			14	10			—	—			—	—			—	—			+ 6		—		3	09	0	
158	29	*e* 17	11	38		—	—			11	48			—	—			—	—			—	—			—		—		2	09	0	
159	30	2	32	55		—	—			33	45			—	—			—	—			—	—			+ 10		—		5	25	0	
160	30	15	32	10		*e* 32	07			33	41			33	41			—	—			—	—			− 26		+ 43		7	09	0	
161	30	15	41	17		—	—			41	33			—	—			—	—			—	—			+ 5		—		2	28	0	
162	Aug. 4	0	45	23		—	—			45	55			*e* 46	02			—	—			—	—			+ 16		− 18		6	07	0	
163	4	10	35	52		—	—			36	44			*e* 36	45			—	—			—	—			+ 5		—		7	34	0	
164	5	12	05	10		—	—			05	33			—	—			—	—			—	—			—		—		2	52	0	
165	6	*e* 9	46	52		*e* 47	22			? 56	01			*e* 56	05			—	—			*e* 64	41			—		+ 20		52	58	0	

EARTHQUAKES, 1949.

No.	Date 1949	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		
166	Aug. 8		2	48	27	*e*	48	32		48	50			48	52			—		—		—		—		3	36	0	
167	8		4	11	25		—	—		11	36			—	—			—		—		—		—		1	32	0	
168	12	*e*	2	27	16		—	—		27	47			—	—			—		—		—		—		5	34	0	
169	14		1	24	17	*e*	24	17		24	44	*e*		24	47			—		—		—		25		6	47	0	
170	14		3	32	24	*e*	32	22		38	18			38	17			—		—		—		—		34	54	0	
171	18		3	35	26		35	27		36	18			36	21			—		—		—		+525		11	03	1	
172	18		4				—	—		—	—			—	—	?	25	53	?	23	05	—		—		—	—	0	
173	18		19	00	25		00	26		02	01			02	03			—		—		—		—		6	05	0	
174	20		4	13	35		—	—		14	08			—	—			—		—		—		—		4	51	0	
175	20		14	19	02	*e*	19	05		19	14			19	15			—		—		—		—		2	52	0	
176	21		23	24	24		—	—		24	34			—	—			—		—		—		—		1	40	0	
177	22		13	10	59		11	05		18	57			19	03	*e*	25	30		25	36	—		—		201	52	0	
178	22		20				—	—		46	54			—	—			—		—		—		—		—	—	0	
179	23		4	50	41		—	—		50	52			—	—			—		—		—		—		1	33	0	
180	23		14	03	20		03	20		03	43	*e*		03	44			—		—		—		—		4	42	0	
181	24		6	42	56		42	58		43	18			43	19			—		—		—		—		4	51	0	
182	24		8	20	28	*e*	20	31		20	53			20	52			—		—		—		—		3	04	0	
183	25		20	44	10		—	—		45	02			—	—			—		—		—		—		6	52	0	
184	26		8	34	16	*e*	34	20		40	54			40	52			—		—		—		—		16	04	0	
185	27		6	22	17		—	—		22	54			22	55			—		—		—		—		4	40	0	
186	27		23	38	08		—	—		38	25			—	—			—		—		—		—		1	57	0	
187	28		4				—	—		55	17			—	—			—		—		—		—		—	—	0	
188	29		3	49	42		—	—		49	59			—	—			—		—		—		—		1	18	0	
189	30		13	12	39		—	—		13	00			13	03			—		—		—		—		4	04	0	
190	31		9	30	53		—	—		31	37	*e*		31	39			—		—		—		—		3	46	0	
191	Sep. 1		12	03	22		—	—		03	52			—	—			—		—		—		—		3	06	0	
192	7		13	16	11		—	—		16	27			16	26			—		—		—		—		2	33	0	
193	7		13				—	—		36	35			—	—			—		—		—		—		—	—	0	
194	8	*e*	12	37	04		—	—		37	24			—	—			—		—		—		—		2	45	0	
195	9	*e*	17	52	56		—	—		53	17	*e*		53	18			—		—		—		—		2	09	0	
196	10		6	06	11		—	—		07	03			—	—			—		—		—		—		3	13	0	
197	10	*e*	11	05	40		—	—		05	53			—	—			—		—		—		—		1	08	0	
198	10		13				—	—		42	05			—	—			—		—		—		—		—	—	0	
199	11	*e*	14	42	01		—	—	*e*	43	45	?	43	49			—	—		—		—		—		5	09	0	
200	12		6	45	11		45	13		45	45			45	48			—		—		—		−103		7	40	0	
201	14	*e*	15	16	38		—	—		18	05			—	—			—		—		—		—		4	46	0	
202	14		22	03	26		—	—		03	47			—	—			—		—		—		—		1	34	0	
203	15		4	57	59		58	01		64	00	*e*		64	07			—		69	53	—		—		30	57	0	
204	15	*e*	15	03	23		—	—		04	37			—	—			—		—		—		—		6	20	0	
205	16		15				—	—		54	36			—	—			—		—		—		—		—	—	0	
206	16		16	44	42		—	—		45	00			45	01			—		—		—		—		3	55	0	
207	16		23	50	55		50	55		51	08			51	08			—		—		—		—		8	55	1	
208	18		21	27	50		—	—		28	17			—	—			—		—		—		—		2	06	0	
209	19	*e*	5	21	04		—	—		21	20			—	—			—		—		—		—		2	08	0	
210	20	*i*	11	27	25		27	28		28	13			28	12			—		—		—		+115		14	23	0	
211	23		0	39	01		39	02		39	28			39	30			—		—		—		—		10	08	1	
212	23		17	13	47		—	—		15	02			—	—			—		—		—		—		6	25	0	
213	26	*e*	13	34	27		—	—	*e*	34	40			—	—			—		—		—		—		2	26	0	
214	28	*e*	0	39	19	?	39	32	*e*	46	07	*e*	46	10			—	—		—		—		+ 20		50	10	0	
215	30	*e*	23	35	35		—	—		36	08			—	—			—		—		—		—		3	30	0	
216	Oct. 1		13	36	37		—	—		37	09			—	—			—		—		—		—		2	32	0	
217	2		1	19	48	*e*	19	48		20	46			20	48			—		—		—		—		4	06	0	
218	2		21	08	24		08	26		08	58			09	01			—		—		—		+ 13		3	51	0	
219	2		23	01	49	*e*	01	53		02	25			02	27			—		—		—		—		3	37	0	
220	4		16	45	27		—	—		45	39			45	40			—		—		—		—		2	29	0	

EARTHQUAKES, 1949.

No.	Date 1949	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					
221	Oct. 6	6	57	21		*e* 57		22	57		59		57		59		—		—		—		—		+ 23		+ 40		4	56	0	
222	7	5				—		—	*e* 10		16		—		—		—		—		—		—		—		—		—	0	
223	9	*e* 5	39	31		? 39		56	? 43		54		? 43		59		—		—		—		—		—		—		22	05	0	
224	10	10	51	58		—		—	52		24		52		24		—		—		—		—		+ 8		—		2	10	0	
225	10	15	53	28		—		—	53		45		53		44		—		—		—		—		− 6		—		1	58	0	
226	11	*i* 18	06	34		*i* 06		35	*i* 07		22		07		23		—		—		—		—		+151		−235		8	55	0	
227	14	13	28	43		—		—	29		05		—		—		—		—		—		—		+ 5		—		2	40	0	
228	20	6	09	08		09		04	*e* 15		03		*e* 15		06		18		56		18		58		—		—		74	37	0	
229	20	*e* 21	53	15		*e* 53		15	*e* 59		47		*e* 59		51		—		—		—		—		—		—		39	21	0	
230	21	1	25	12		—		—	25		31		*e* 25		30		—		—		—		—		+ 10		—		2	54	0	
231	21	15	14	19		—		—	? 18		32		—		—		—		—		—		—		—		—		7	52	0	
232	22	*e* 3	30	26		—		—	30		56		—		—		—		—		—		—		+ 4		—		3	24	0	
233	22	6	42	45		? 42		45	? 49		24		? 49		38		—		—		—		—		—		—		31	41	0	
234	24	13	29	42		—		—	29		45		—		—		—		—		—		—		± 23		—		0	34	0	
235	25	*i* 22	08	26		*i* 08		25	*i* 08		53		*i* 08		53		—		—		—		—		+ 60		−103		8	19	0	
236	26	13				—		—	41		04		—		—		—		—		—		—		—		—		—	—	0	
237	27	*e* 22	59	18		—		—	*e* 59		53		—		—		—		—		—		—		—		—		2	52	0	
238	29	*e* 19	15	22		—		—	15		47		—		—		—		—		—		—		+ 4		—		1	51	0	
239	31	5				—		—	? 16		24		—		—		—		—		—		—		—		—		—	—	0	
240	31	*e* 12	33	56		—		—	*e* 34		28		—		—		—		—		—		—		—		—		2	33	0	
241	Nov. 1	3	04	24		*e* 04		24	? 11		02		? 11		02		—		—		—		—		—		—		11	06	0	
242	1	6				—		—	*e* 51		53		—		—		—		—		—		—		—		—		—	—	0	
243	2	*e* 14	01	47		—		—	01		57		—		—		—		—		—		—		—		—		1	30	0	
244	3	10	15	38		15		38	17		50		17		52		—		—		—		—		+ 46		+ 40		11	11	0	
245	3	10				—		—	*e* 27		51		*e* 27		43		—		—		—		—		+ 4		—		—	—	0	
246	4	22	21	38		—		—	22		12		*e* 22		10		—		—		—		—		+ 5		—		4	15	0	
247	6	00	12	09		—		—	12		22		*e* 12		25		—		—		—		—		+ 8		—		1	10	0	
248	7	*e* 15	09	37		*e* 09		38	? 17		28		? 17		28		—		—	?	24		15		—		—		48	51	0	
249	12	0	49	36		? 49		37	? 53		45		? 53		53		—		—		—		—		—		—		6	54	0	
250	12	16	07	22		—		—	07		52		—		—		—		—		—		—		+ 6		—		2	50	0	
251	13	9	48	58		*e* 48		57	49		11		49		09		—		—		—		—		± 57		+ 83		5	40	0	
252	13	21	58	58		—		—	59		34		—		—		—		—		—		—		—		—		2	36	0	
253	14	22	32	05		—		—	32		33		32		34		—		—		—		—		+ 17		+ 25		3	59	0	
254	15	1	14	28		—		—	14		46		14		46		—		—		—		—		+ 7		+ 10		2	49	0	
255	15	23	10	34		*e* 10		37	10		36		*e* 10		39		—		—		—		—		± 58		—		3	36	1	
256	16	15	29	53		—		—	30		03		—		—		—		—		—		—		—		—		2	04	0	
257	18	*e* 7	31	01		—		—	32		19		32		19		—		—		—		—		− 10		− 18		4	38	0	
258	20	*e* 2	01	07		—		—	01		24		—		—		—		—		—		—		—		—		2	11	0	
259	21	19				—		—	55		10		—		—		—		—		—		—		—		—		—	—	0	
260	22	10	03	32		03		32	*e* 13		08		*e* 13		04		—		—	*e*	24		22		—		—		44	42	0	
261	25	*e* 5	35	09		—		—	*e* 35		31		—		—		—		—		—		—		—		—		2	48	0	
262	26	2	35	46		35		46	36		07		*e* 36		08		—		—		—		—		−119		+100		8	45	0	
263	27	17	53	38		*e* 53		35	62		55		62		56		—		—		—		—		—		—		51	03	0	
264	28	*e* 20	01	22		—		—	01		47		—		—		—		—		—		—		—		—		2	20	0	
265	29	*e* 1	33	02		—		—	*e* 33		58		—		—		—		—		—		—		—		—		3	52	0	
266	30	*e* 1	57	32		—		—	58		03		—		—		—		—		—		—		+ 5		—		3	56	0	
267	Dec. 2	8	09	23		*e* 09		24	10		08		10		10		—		—		—		—		− 10		+ 15		8	35	0	
268	4	*e* 1	15	34		—		—	15		47		—		—		—		—		—		—		—		—		2	23	0	
269	5	5				—		—	38		13		—		—		—		—		—		—		—		—		—	—	0	
270	5	*i* 23	52	18		*i* 52		19	*i* 52		35		*i* 52		35		—		—		—		—		+141		+125		6	28	1	
271	6	2	39	54		—		—	40		38		—		—		—		—		—		—		+ 5		—		2	44	0	
272	6	8	15	08		—		—	15		18		—		—		—		—		—		—		—		—		0	55	0	
273	7	*e* 7	28	24		—		—	? 31		38		—		—		—		—		—		—		+ 3		—		6	44	0	
274	7	23				—		—	*e* 38		24		—		—		—		—		—		—		—		—		—	—	0	
275	13	3	39	33		*e* 39		43	41		42		41		40		—		—		—		—		+ 10		+ 10		4	23	0	

EARTHQUAKES, 1949.

No.	Date 1949	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							
276	Dec. 17	*e*	1	04	33	—		—		04		46		—		—		—		—		—		—		2		11		0	
277	17	*e*	16	14	11	?	14		15	—		—		*e*	27		34	—		—		?	41		49		—		—		64		31		0	
278	18		0	28	03	?	28		09	—		—		?	41		32	—		—			51		32		—		—		141		08		0	
279	19		21	19	59	—		—		20		23		—		—		—		—		—		—			—		—		2		08		0	
280	22		4	51	58	*e*	51		58	?	54		33	—		—		—		—		—		—		+	3		—		5		23		0	
281	22		6			—		—		42		30		—		—		—		—		—		—			—		—		—		—		0	
282	25	*e*	19	27	15	—		—		27		45		—		—		—		—		—		—		−	4		—		2		30		0	
283	26		6	44	17	—		—		44		55		44		55		—		—		—		—		+	10	−	10		3		43		0	
284	26	*i*	8	18	17	*i*	18		17	*i*	18		56	*i*	18		56	—		—		—		—			—	−978			?		?		0	
285	26		8				25		43	—		—			26		21	—		—		—		—			—	+1950			5		12		1	
286	26		9	44	37	—		—		45		08		—		—		—		—		—		—		+	6		—		3		16		0	
287	26		10	52	00	—		—		52		31		—		—		—		—		—		—		−	10		—		5		53		0	
288	26		11	00	54	—		—		01		16		—		—		—		—		—		—		+	3		—		2		55		0	
289	26		13	52	51	—		—		53		03		—		—		—		—		—		—		−	3		—		2		01		0	
290	26		14	14	05	—		—		14		35		—		—		—		—		—		—			—		—		2		29		0	
291	26	?	15	42	51	—		—		?	50		10	—		—		—		—		—		—			—		—		35		56		0	
292	26		17			—		—		28		32		—		—		—		—		—		—			—		—		—		—		0	
293	26		19	16	36	—		—		17		08		—		—		—		—		—		—		+	11		—		4		40		0	
294	27		8	41	43	—		—		42		04		—		—		—		—		—		—		+	6		—		3		05		0	
295	27		11	43	57	—		—		44		29		44		29		—		—		—		—		+	14	+	20		5		03		0	
296	27		12	13	14	—		—		13		43		*e*	13		47	—		—		—		—		+	5		—		3		18		0	
297	27		17	56	55	56		55		57		33		57		34		—		—		—		—		+	276	+	405		12		17		0	
298	27		18	10	42	—		—		11		15		11		14		—		—		—		—		+	11	+	18		4		38		0	
299	27		19	18	48	18		48		19		21		19		21		—		—		—		—		−	25	−	48		8		02		0	
300	28		1	42	47	—		—		43		16		—		—		—		—		—		—		+	24		—		6		54		0	
301	28		8			—		—		*e*	34		32	—		—		—		—		—		—		−	5		—		—		—		0	
302	29		12	09	43	*e*	09		46		15		42		15		42		20		56	*e*	21		46			—	+508			80		15		0	
303	30		11	45	05	—		—		45		25		—		—		—		—		—		—		−	12		—		3		11		0	
304	30		17	57	43	—		—		58		39		—		—		—		—		—		—		+	26		—		6		14		0	
305	31		16	17	08	—		—		17		52		—		—		—		—		—		—		−	6		—		4		34		0	
306	31		18	47	05	—		—		47		47		*e*	47		48	—		—		—		—		+	11	+	20		5		23		0	

PULSATORY OSCILLATIONS, 1949. (*EW Component.*)

No.	Beginning			Ending			Maximum						Double Amplitude
	Date			Date			Date						
	Month	Day	Hour	Month	Day	Hour	Day	Hour		Day	Hour		μ
1	Jan.	1	5	Jan.	3	9	1	14		3	2		11
2		3	10		7	13	3	23		5	2		15
3		13	7		20	11	19	3		19	15		5
4		22	16		23	23	23	1		23	18		8
5		26	1		28	17	27	12		28	9		7
6	Feb.	4	3	Feb.	9	19	5	5		7	9		19
7		12	21		17	19	13	3		13	13		9
8		19	23		21	23	21	3		21	14		8
9		27	17	Mar.	2	9	28	13	(Mar.)	1	21		11
10	Mar.	2	10		4	12	3	0		3	22		16
11		5	18		7	10	5	23		6	7		7
12		10	15		11	15	10	23		11	8		11
13		18	16		20	21	19	10		19	20		12
14	Apr.	1	5	Apr.	3	8	1	21		2	13		7
15		3	10		5	5	4	6		4	21		33
16		5	6		9	23	5	7		5	15		7
17		11	5		14	18	11	17		12	18		6
18		22	7		22	23	22	9		22	17		11
19		27	17		28	19	28	1		28	10		5
20	May	1	23	May	3	6	2	10		2	19		8
21		7	9		9	1	7	11		7	17		4
22		14	21		15	6	14	22		15	4		5
23	Jun.	20	6	Jun.	21	16	20	11		20	20		6
24		21	22		23	23	22	19		23	16		11
25	Jul.	6	21	Jul.	8	19	7	0		7	8		10
26		29	23		30	23	30	3		30	11		9
27	Aug.	17	6	Aug.	18	23	18	4		18	16		6
28		31	7	Sep.	1	20	1	3		1	9		16
29	Sep.	22	9		24	19	22	10		22	22		10
30	Oct.	6	7	Oct.	7	20	6	21		7	10		5
31		10	9		13	12	11	5		11	17		9
32		16	3		18	4	16	17		16	23		6
33		19	3		21	10	19	17		20	4		6
34		28	9		29	23	28	10		28	22		12
35		30	2		31	20	30	8		31	7		13
36	Nov.	1	6	Nov.	3	20	2	10		2	21		6
37		5	5		8	12	5	9		6	10		9
38		14	1		15	3	14	8		15	2		14
39		15	9		16	18	15	10		15	18		4
40		17	1		19	12	17	8		17	23		12
41		23	5		25	17	23	8		23	19		7
42	Dec.	4	1	Dec.	8	18	5	22		6	19		8
43		9	1		10	13	9	9		9	20		5
44		11	3		13	18	12	8		12	18		4
45		14	19		16	21	15	5		15	20		10
46		24	6		26	22	24	22		25	7		7
47		27	9		30	20	27	22		28	16		6