International Seismological Centre

ANNUAL REPORT

OF THE

METEOROLOGICAL

AND THE

SEISMOLOGICAL OBSERVATIONS

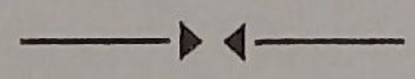
MADE AT THE

INTERNATIONAL LATITUDE OBSERVATORY

OF MIZUSAWA

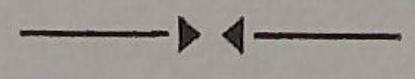
FOR

THE YEAR 1947.



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

HEIGHT ABOVE MEAN SEA LEVEL 61 METRES.



PUBLISHED BY THE INTERNATIONAL LATITUDE OBSERVATORY

OF MIZUSAWA.

1955

International Seismological Centre

Introduction

The present peport gives the results of the meteorological and seismological observations made at this observatory during 1947 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 meteorological observation 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 following 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 which is the dry-bulb thermometer was 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 were employed.

Wind.—The velocity is expressed in millimeter 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 were 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 Evapolation.—It is given in millimeter and observed at 10^h once a day. Monthly mean daily amount of evapolation was hitherto computed except the day with precipitation, but it was computed from this year including 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.

Air Temperature 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 recording the meteorological phenomena the following symbols are used.

●	Rain	⇸	Snow drift	♂	Red sky
✳	Snow	∞	Haze	0	Unusual visibility
△	Graupel	∞	Haze in the neighbourhood	↙	Gale
▲	Hail	≋	Dust-storm	≋	Yellow dust
≡	Fog	◎	Frozen rain	≈	Wavy cloud
≡	Ice fog	↔	Ice needles	Ⴛ	Mammato-cumulus
≡	Fog in the neighbourhood	▩	Snow coverage	⬭	Lenticular cloud
⁝	Drizzle	✳	New snow coverage	◴	Earthquake
=	Mist	⊟	Freezing	C	Cirrus
⊔	Hoar frost	⊻	Thunder and lightning	Cs	Cirro-stratus
⊔	Ice columns in the ground	⊤	Thunder	Ck	Cirro-cumulus
⌓	Dew	⊻	Lightning	Kc	Alto-cumulus
⊔	Frozen dew	⊕	Solar halo	Sc	Alto-Stratus
⊔	Air hoar	⊙	Solar corona	Sk	Strato-cumulus
V	Soft rime	◐	Lunar halo	N	Nimbus
V	Hard rime	◐	Lunar corona	K	Cumulus
~	Grazed frost	⌒	Rainbow	Kn	Cumulo-nimbus
⇸	Snow storm	⊟	Aurora	S	Stratus

The seismological instruments in use are two Omori's horizontal pendulums of the same type as the descrived 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 magnification	100	20
Mass of weight	45.0kg	17.6kg
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

As a appendix, the meteorological average values for the 45 years, 1902-1946, were inserted.

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

July, 1955

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

International Seismological Centre

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METEOROLOGICAL OBSERVATIONS

METEOROGICAL OBSERVATIONS AT MIZUSAWA.

JANUARY, 1947.

International Seismological Centre

Day	AIR PRESSURE (700 mm)+*							AIR TEMPERATURE °C										TENSION OF THE 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	55.5	55.0	55.7	53.6	53.6	53.3	54.5	0.8	1.0	2.3	2.6	-1.7	-3.6	0.2	3.2	-6.0	-1.4	9.2	4.5	3.8	3.8	3.4	2.9	3.0	3.6
2	52.6	52.2	52.2	52.0	52.1	52.4	52.3	-6.6	-8.7	-2.2	-2.7	-3.8	-4.9	-4.8	-1.5	-9.4	-5.4	7.9	2.7	2.3	3.6	3.1	3.2	2.7	2.9
3	53.4	55.3	57.4	58.2	59.9	60.3	57.4	-6.0	-6.1	-6.0	-4.4	-5.4	-6.8	-5.8	-3.9	-7.3	-5.6	3.4	2.7	2.6	2.5	2.1	2.4	2.6	2.5
4	60.6	61.4	63.1	61.8	62.4	62.0	61.9	-5.6	-4.6	-2.6	0.3	-5.3	-5.0	-3.8	0.4	-7.8	-3.7	8.2	2.9	3.0	3.3	3.6	2.9	3.0	3.1
5	62.0	62.2	61.8	59.6	57.1	56.5	59.9	-3.0	-2.7	-0.1	0.7	0.3	0.3	-0.7	1.1	-5.7	-2.3	6.8	3.6	3.6	4.0	4.5	4.6	4.7	4.2
6	55.9	56.3	58.0	56.1	57.3	56.8	56.7	-1.2	-0.5	2.1	6.7	3.8	1.9	2.1	**7.7**	-2.9	2.4	10.6	4.2	4.4	5.1	5.0	5.1	4.9	4.8
7	56.7	57.6	58.4	56.9	57.4	58.7	57.6	2.1	0.6	0.4	-0.5	-3.2	-5.0	-0.9	2.9	-5.6	-1.3	8.5	3.9	2.8	3.1	3.3	3.0	3.1	3.2
8	59.5	60.9	63.4	62.2	62.7	62.8	61.9	-6.4	-6.4	-3.3	-2.8	-5.8	-7.0	-5.3	-2.2	-8.6	-5.4	6.4	2.3	2.4	2.2	2.2	2.1	2.5	2.3
9	62.2	61.9	62.1	60.6	61.1	62.7	61.8	-6.6	-7.9	-4.6	-0.9	-3.1	-4.2	-4.5	0.1	-9.0	-4.4	9.1	2.6	2.5	2.7	3.0	3.1	3.2	2.9
10	63.4	64.7	66.6	66.0	66.8	65.9	65.6	-7.2	-6.8	-0.8	2.5	-3.9	-5.9	-3.7	3.8	-9.7	-2.9	13.5	2.6	2.7	3.2	3.1	2.8	2.8	2.9
11	64.5	62.7	60.9	55.4	53.2	53.6	58.4	-9.0	-5.2	-2.0	0.0	0.4	2.3	-2.2	3.5	-9.7	-3.1	13.2	2.2	2.9	3.4	4.2	4.6	4.9	3.7
12	56.9	57.8	59.6	58.3	59.1	58.7	58.4	3.9	0.3	2.8	5.3	1.5	3.2	2.8	6.0	-0.6	2.7	6.6	4.8	4.3	4.7	5.0	4.7	4.7	4.7
13	59.2	59.7	60.3	58.8	60.0	59.8	59.6	0.9	-3.2	4.3	4.1	0.6	-0.7	1.0	4.9	-4.5	0.2	9.4	4.5	3.6	2.9	3.8	3.5	3.5	3.6
14	60.0	59.8	60.8	60.1	61.3	61.6	60.6	0.2	-3.4	-0.7	2.5	-0.9	-1.6	-0.6	3.0	-4.5	-0.7	7.5	3.1	2.8	2.6	3.0	3.1	3.1	3.0
15	62.0	62.5	63.8	63.5	65.2	66.2	63.9	-2.7	-5.2	-1.9	-1.1	-5.1	-4.6	-3.4	-1.1	-6.7	-3.9	5.6	2.5	2.2	2.7	2.8	2.1	2.3	2.4
16	67.3	67.4	**68.7**	67.9	68.0	66.9	67.7	-6.0	-8.5	-3.2	-0.6	-2.1	-3.8	-4.0	-0.6	-9.4	-5.0	8.8	2.0	1.8	2.5	2.5	2.6	2.3	2.3
17	67.4	66.7	66.3	63.0	62.4	59.2	64.2	-8.9	-9.5	-0.9	2.7	0.5	-0.5	-2.8	4.0	-9.8	-2.9	13.8	2.1	2.2	2.9	3.0	3.0	4.0	2.9
18	57.1	54.5	55.4	53.8	56.0	56.8	55.6	-1.3	0.1	1.1	3.3	2.1	0.8	1.0	3.6	-1.2	1.2	4.8	4.1	4.6	4.8	5.1	4.9	4.6	4.7
19	58.6	59.1	60.0	59.8	61.4	61.2	60.0	0.6	0.6	3.9	5.0	2.0	0.0	2.0	6.2	-0.9	2.7	7.1	4.8	4.8	**5.3**	4.7	3.4	3.6	4.4
20	61.3	60.7	61.2	59.0	59.1	57.9	59.9	-2.1	0.8	1.0	0.6	-2.5	-4.7	-1.1	3.4	-5.8	-1.2	9.3	3.7	3.0	3.1	4.0	2.7	2.3	3.1
21	57.7	57.7	57.2	55.5	55.5	55.8	56.6	-6.6	-7.5	-6.4	-6.0	-6.9	-6.9	-6.7	-5.6	-8.0	-6.8	**2.4**	2.6	2.6	2.1	2.3	2.7	2.7	2.5
22	55.3	53.5	57.4	57.6	61.1	62.0	57.8	-6.8	-4.0	0.1	1.8	0.3	-0.2	-1.5	2.1	-7.5	-2.7	9.6	2.8	3.2	1.9	3.5	3.3	3.1	3.0
23	63.1	62.9	63.2	62.6	63.4	63.9	63.2	-1.6	-1.3	2.1	2.3	-2.6	-10.1	-1.9	4.0	-12.1	-4.0	16.1	3.3	3.1	3.3	3.3	3.0	2.1	3.0
24	63.3	63.6	63.8	61.6	61.8	62.1	62.7	-8.5	-6.1	-3.3	1.6	-0.7	-1.5	-3.1	1.9	-11.1	-4.6	13.0	2.3	2.8	2.6	3.0	3.8	4.0	3.1
25	61.9	61.1	60.4	57.8	57.0	55.0	58.9	-1.9	-2.1	0.1	2.5	2.0	3.1	0.6	3.8	-3.7	0.1	7.5	3.9	3.8	4.0	4.2	4.0	4.3	4.0
26	54.8	55.1	54.3	52.2	52.6	52.5	53.6	1.6	-0.7	-1.3	-1.2	-2.3	-3.4	-1.2	1.5	-4.3	-1.4	5.8	4.4	3.5	3.0	2.4	2.5	2.5	3.1
27	53.7	54.3	54.6	53.1	52.7	52.1	53.4	-6.1	-6.5	-5.3	-4.4	-8.7	-8.7	-6.6	-4.3	-11.7	-8.0	7.4	1.9	2.4	2.6	2.3	2.1	2.3	2.3
28	**50.9**	51.3	52.7	52.2	53.3	54.6	52.5	-8.1	-12.9	-5.8	-4.6	-5.8	-7.7	-7.5	-3.9	-15.2	-9.5	11.3	2.5	1.7	2.3	2.6	2.8	2.5	2.4
29	55.5	55.9	56.6	55.4	55.9	55.0	55.7	-16.3	-19.4	-12.1	-4.6	-8.5	-7.5	-11.4	-3.8	**-20.1**	-11.9	**16.3**	1.3	**1.0**	1.7	2.2	2.2	2.5	1.8
30	53.7	53.8	53.7	53.9	54.8	55.4	54.2	-9.4	-8.5	-2.4	1.8	-0.1	-4.7	-3.9	2.3	-12.2	-4.9	14.5	2.2	2.3	3.2	3.5	3.1	2.9	2.9
31	54.7	54.7	54.9	52.8	53.8	55.1	54.3	-2.4	-3.9	-3.8	-1.9	-2.0	-5.1	-3.2	-0.8	-6.5	-3.6	5.7	3.6	2.9	2.9	3.3	3.7	2.1	3.1
Mean	58.7	58.8	59.5	58.1	58.6	58.6	58.7	-4.2	-4.8	-1.6	0.3	-2.2	-3.3	-2.6	1.3	-7.7	-3.2	9.0	3.1	3.0	3.2	3.4	3.2	3.2	3.2

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h.
1	94	78	71	61	73	86	77	ENE	1.3	WSW	2.0	NW	2.8	NW	4.3	—	0.5	WNW	1.0	2.0	2.4
2	97	97	92	82	92	86	91	N	1.0	—	0.5	N	3.0	N	3.2	NNW	2.7	NNW	8.2	3.1	2.4
3	91	91	84	64	80	94	84	NE	2.8	N	5.3	NNW	4.2	NNW	4.3	NNW	5.8	—	0.0	3.7	4.0
4	97	91	87	77	94	94	90	ESE	1.0	—	0.0	ESE	2.5	—	0.5	WSW	2.3	—	0.5	1.1	1.1
5	97	95	88	94	98	100	95	E	1.0	SSE	0.8	—	0.5	—	0.5	NW	1.0	WNW	0.8	0.8	0.7
6	100	100	96	68	86	94	91	NW	1.0	SE	1.5	SE	1.2	SE	2.0	ENE	1.2	NW	1.2	1.4	1.2
7	74	59	66	74	84	97	76	NW	6.3	NNW	5.8	WNW	4.0	NW	2.0	WNW	5.5	NW	5.3	4.8	4.6
8	82	84	61	60	70	90	75	WNW	6.3	N	3.7	NW	4.0	NW	3.7	E	1.7	—	0.0	3.2	3.4
9	94	97	83	71	84	97	88	WNW	0.8	—	0.0	NW	0.7	NNW	0.8	—	0.0	WNW	0.8	0.5	0.7
10	97	97	74	59	80	94	84	—	0.0	—	0.2	SW	0.8	E	0.7	ESE	1.0	—	0.2	0.5	0.7
11	97	94	87	93	98	90	93	—	0.0	—	0.2	—	0.5	WNW	1.0	NNW	2.3	NNW	3.3	1.2	1.6
12	79	92	83	75	92	82	84	NNW	3.8	N	4.8	W	1.5	—	0.3	—	0.2	NW	1.2	2.0	1.7
13	92	100	47	62	74	80	76	ESE	1.5	ENE	0.8	N	1.3	NNW	3.0	NE	1.2	N	1.2	1.5	1.4
14	68	79	61	54	74	75	69	NNW	2.2	NNW	1.3	NNW	4.3	W	2.2	WNW	4.3	NW	6.0	3.4	3.2
15	67	72	68	66	66	70	68	WNW	2.2	WNW	3.8	W	7.3	WNW	5.2	WNW	3.3	NNW	5.0	4.5	4.4
16	68	76	69	56	68	68	68	NNW	3.0	NW	3.8	—	0.3	NW	3.3	NNW	5.7	W	1.7	3.0	3.0
17	89	96	67	54	62	90	76	SSW	0.8	SSE	0.7	SE	2.5	SSE	3.5	SSE	2.5	—	0.2	1.7	1.4
18	97	100	98	87	92	96	95	NW	2.2	NW	2.8	NNW	4.0	NNW	2.5	NW	1.5	NW	1.8	2.5	2.2
19	100	100	87	72	65	79	84	ENE	0.8	WNW	0.7	—	0.2	WNW	3.5	W	5.0	WNW	3.3	2.3	1.6
20	95	63	63	84	72	69	74	WNW	0.8	NNW	4.5	WNW	5.2	NW	3.3	NNE	2.8	W	6.5	3.9	3.9
21	94	100	73	79	97	100	91	W	5.0	W	3.7	W	5.7	NW	5.2	ESE	2.0	NNW	2.2	4.0	4.3
22	100	94	**42**	68	72	69	74	E	2.3	W	4.3	NW	8.3	WNW	**9.5**	WNW	2.3	NNW	2.3	4.8	4.5
23	83	76	62	62	80	96	77	ESE	3.0	NNE	2.3	NNW	1.3	NW	5.8	SE	0.7	W	2.7	2.6	1.7
24	97	97	74	59	88	97	85	—	0.3	NE	0.8	NW	1.0	—	0.2	W	0.7	—	0.3	0.6	0.6
25	97	97	87	76	76	75	85	—	0.2	—	0.2	S	2.0	—	0.5	SSE	3.3	SSE	6.5	2.1	2.2
26	86	80	70	58	65	70	72	—	0.5	WNW	3.5	NW	6.0	NW	6.2	NNW	0.7	NW	4.2	3.5	4.3
27	64	84	82	69	86	97	80	N	2.5	NNW	2.7	NE	1.8	NNW	2.2	—	0.0	W	0.8	1.7	1.9
28	100	100	76	80	94	97	91	NNW	3.5	WNW	1.3	W	1.5	NNW	3.2	SE	1.8	—	0.3	1.9	1.7
29	100	100	96	67	89	97	92	—	0.3	—	0.0	W	0.7	NNW	1.2	—	0.0	—	0.0	0.4	0.4
30	96	97	84	68	67	88	83	NNW	2.0	—	0.0	—	0.5	—	0.5	NNW	4.0	—	0.0	1.2	1.7
31	95	83	84	82	95	66	84	N	3.5	NNW	3.0	—	0.5	S	3.3	W	2.0	WSW	1.8	2.4	2.5
Mean	90	89	76	70	81	87	82		2.0		2.1		2.6		2.8		2.2		2.2	2.3	2.3

* Reduction: to standard gravity, −0.4; to mean sea level, +6.1

JANUARY, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	2	6	10	14	18	22	2	6	10	14	18	22	Mean	2–22	2–6	6–10	10-14	14-18	18-22	Total
1	—	—	W7	W5	—	W8	10 s	10 sk	10 sk	6 sk,kc	1 sk	7 sk	7.3	—	—	—	—	—	—	—
2	—	—	—	—	—	—	1 sk	2 sk	10 n	10 n	10 n	10 n	7.2	—	—	0.1	0.2	0.1	0.7	1.1
3	—	—	—	W8	W9	—	10 n	10 n	10 n	9 sk,s	9 sk,s	10 n	9.7	0.6	0.1	0.5	0.1	—	0.2	1.5
4	—	—	—	—	—	—	10 n	10 n,sk	10 n	10 sk,s	3 sk	9 n,cs	8.7	0.4	0.2	0.2	0.1	—	0.1	1.0
5	—	—	—	—	—	—	10 sk	10 sk	10 n	10 s	10 n	10 s	10.0	0.0	—	0.0	2.5	0.9	1.6	5.0
6	W9	W9	—	W8	W8	—	10 sk	10 sk	10 sk,k	9 sk,k	10 sk,k	10 sk	9.8	—	—	—	—	—	—	—
7	—	—	—	—	—	—	10 sk	10 sk,sc	10 sk,cs	10 sc,s	9 s,kc,sk	10 n	9.8	—	—	—	—	—	0.9	0.9
8	—	W9	W8	W7	—	—	10 n,sk	8 sk,s	9 sk,s,k	8 sk,c,cs	5 cs,ck,c	10 sc	8.3	0.7	0.0	—	—	—	—	0.7
9	—	—	W8	W8	—	—	10 n	9 sk,n	9 sk	8 sk	10 sk	10 sk,s	9.3	0.0	0.0	0.0	—	—	—	0.0
10	W9	W8	—	—	—	—	3 sk	9 sk	2 k,sk	6 sk,k,cs	1 cs,k	10 cs	5.2	—	—	—	—	—	—	—
11	—	—	—	—	—	—	10 cs	10 sc	10 n	10 n	10 n	2 sk	8.7	—	—	0.3	8.2	6.4	0.3	15.2
12	—	—	—	W8	—	—	0 sk	1 sk	10 sk	8 sk,c	7 sk	8 sk	5.7	—	—	—	—	—	—	—
13	W7	—	—	—	—	—	10 sk	1 sk,c	3 c,sk	10 cs,sk	10 sc	10 cs	7.3	—	—	—	—	—	—	—
14	—	—	—	W7	—	—	10 sc	10 cs	10 kc,c,sk	7 sk,c	2 sk	9 n	8.0	—	—	—	—	—	0.0	0.0
15	W8	W8	—	—	—	—	7 sk	5 sk	1 sk	2 sk,s	0 sk	1 sk	2.7	0.0	—	—	—	—	—	0.0
16	—	—	W8	NW8	—	—	9 sk	5 sk	7 k	6 k	0 k	0 k	4.5	—	—	—	—	—	—	—
17	—	—	—	—	—	—	3 cs	8 sk	10 cs	10 cs,kc	10 sc	10 n	8.5	—	—	—	—	—	0.0	0.0
18	—	—	—	—	—	—	10 n	10 n	10 n	10 sk,kc	10 sk	4 s	9.0	9.5	9.1	**11.2**	0.7	—	—	**30.5**
19	—	—	—	—	—	—	10 s	10 sk, ≡	4 sk	2 sk	2 sk	9 n,sk	6.2	0.2	0.9	—	—	—	0.0	1.1
20	—	—	W8	W7	—	—	0 sk	6 sk	5 sk,kc,k	8 sk,s,k	10 sk	1 s	5.0	0.0	—	—	—	0.0	0.0	0.0
21	—	—	—	—	—	—	10 n	10 n	10 n	10 n	10 n	10 n	10.0	0.9	2.4	1.7	0.1	1.7	4.7	11.5
22	—	—	—	—	—	—	10 n	10 s,sk	0 sk,c	1 k,c	0 —	1 sk	3.7	1.8	0.4	0.4	—	—	—	2.6
23	—	—	W9	W8	—	—	7 sk	7 sk	7 sk	9 sk	0 k	0 —	5.0	—	—	—	—	—	—	—
24	—	—	—	—	—	—	10 sc	10 sc	10 sk,s	10 sc,sk	10 sk	10 n	10.0	—	—	0.0	0.0	—	0.0	0.0
25	—	—	W7	W4	—	—	5 n	10 sc	10 sk,cs,s	3 kc,sk	0 sk	10 s	6.3	1.5	0.0	—	—	—	—	1.5
26	—	W8	—	—	—	—	10 s	9 sk,s	6kc,ck,sk	10 sc,sk	7 sk,sc	10 sc	8.7	—	—	—	—	—	—	—
27	—	—	—	—	—	—	0 k	10 n	10 n	10 n,sk	1 sk	10 s	6.8	—	0.1	0.1	0.1	0.0	—	0.3
28	—	—	—	—	—	—	10 n	1 sk	10 s,sc	10 n	10 n	0 k	6.8	1.1	0.5	—	0.1	0.5	0.1	2.3
29	—	—	—	—	—	—	5 s	10 ≡	1 sk	10 sc	10 kc	10 sk	7.5	—	—	—	—	—	—	—
30	—	—	—	—	—	—	10 sk,cs	10 sk,sc	9 s,sk	10 sk	10 sk	10 sk	9.8	—	—	—	—	—	—	—
31	—	—	—	—	—	—	10 n	10 sc,sk	10 n	10 n,sk	9 n,sk	1 sk	8.3	0.0	0.1	1.0	1.3	2.2	0.0	4.6
							7.7	8.1	7.8	8.1	6.3	7.2	7.5	16.7	13.8	15.5	13.4	11.8	8.6	79.8

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	2.61	(1.9)	1.3	⊟⁰,a,⊟¹p.—⊠—
2	1.13	(0.5)	0.8	⊟²,⊔¹a,⊟¹p,⚹⁰7ʰ36..9ʰ05—⚹¹10ʰ50—⚹⁰11ʰ10—↠¹20ʰ30—↠⁰21ʰ25—.⋉9ʰ05.—⊠—
3	0.71	(1.0)	1.0	⊟¹a,p,—↠⁰—2ʰ50,5ʰ30—⚹⁰7ʰ49—12ʰ49,21ʰ22—,⋉21ʰ40,—⊠—
4	0.20	(1.0)	0.9	⊟¹a,p.—⚹⁰—6ʰ32,8ʰ40—11ʰ33...13ʰ20,21ʰ40—22ʰ20.⋉21ʰ40.—⊠—
5	—	(0.4)	0.5	⊟¹a.⚹⁰9ʰ54—⚹¹11ʰ41—⚹⁰12ʰ52—13ʰ43.●⁰⚹⁰15ʰ13—●⁰15ʰ27—15ʰ40.⚹⁰17ʰ28—20ʰ11,⋉11ʰ09.—⊠—
6	2.18	1.8	1.3	⊟⁰,0¹a.0⁰p.—⊠—
7	2.69	(2.3)	1.5	⊟⁰a,⊟¹p.⚹⁰19ʰ56—,⋉20ʰ47.—⊠—
8	3.40	1.4	0.9	⊟¹,0⁰a,p.—⚹⁰—↠⁰0ʰ30—⚹⁰4ʰ12—4ʰ40.—⊠—
9	3.61	1.4	1.0	⊟¹a,0²,⊟¹p.⚹⁰1ʰ00..7ʰ43.⋉1ʰ00.—⊠—
10	6.95	(1.1)	0.9	⊟²,0⁰a,0²,⊟¹,⊔¹p.—⊠—
11	—	(0.9)	0.5	⊟¹,⊔²a.△⁰9ʰ17—●⁰9ʰ20—◬¹9ʰ53—◬⁰⚹⁰10ʰ36—⚹⁰11ʰ34●¹12ʰ48—●⁰16ʰ27—18ʰ44.⋉11ʰ45,—⊠—
12	4.75	1.6	0.8	⊟⁰,◯²a.◯⁰p.—⊠—
13	7.23	2.2	1.0	⊟⁰,◯²a,p.—⊠—
14	4.78	2.3	1.5	⊟¹,◯²a.⬭¹,⊟¹p.⚹⁰20ʰ40..23ʰ30.—⊠—
15	7.59	2.3	1.2	⊟¹,◯²a,⊟¹p.—⊠—
16	5.75	2.3	1.2	⊟²,◯⁰a,◯¹⊟¹p.—⊠—
17	5.72	(1.1)	1.1	⊟²,⊔¹,◯²a.◯²⊟⁰p.⚹⁰21ʰ45—⚹¹22ʰ14—,⋉22ʰ14.—⊠—
18	0.25	(0.9)	0.2	⊟⁰a.◯⁰⊟⁰p.—⚹¹—●¹2ʰ33—●⁰⚹⁰7ʰ16—⚹⁰7ʰ29—●⁰9ʰ50—10ʰ40.—⊠—
19	5.02	2.2	1.1	⊟⁰a.◯²⊟⁰p.●⁰1ʰ10—4ʰ30.≡²3ʰ00—≡³4ʰ00—7ʰ20.△⁰21ʰ58—22ʰ18.—⊠—
20	7.06	(1.9)	1.1	⊟⁰,◯⁰a.⊟⁰p.⚹⁰15ʰ35—15ʰ55.21ʰ30...,—⊠—,◸22.3ʰ
21	—	(0.8)	0.8	⊟¹a,p...⚹⁰..↠⁰1ʰ20—↠¹3ʰ10—↠⁰9ʰ24..⚹⁰12ʰ48—⚹¹14ʰ31—⚹⁰14ʰ54—⚹¹17ʰ30—⚹⁰18ʰ13—⚹¹20ʰ20—⚹⁰22ʰ°
22	7.68	1.9	1.4	⊟¹,◯¹a,◯²,⊟¹p.—⚹⁰—3ʰ30.⚹¹6ʰ37—6ʰ52,⋉6ʰ38.—⊠—,◸13.3ʰ—13.5ʰ °31—,—⊠—,◸4.0ʰ—4.3ʰ,11.0,12.3ʰ
23	4.61	1.8	1.2	⊟¹,◯¹a.◯⁰,⊟².⊔¹p.—⊠—
24	0.50	(0.9)	0.6	⊟²,⊔¹a,⊟⁰p.⚹⁰6ʰ45..7ʰ31,10ʰ15..10ʰ35,20ʰ10—,⋉21ʰ00.—⊠—
25	1.96	2.1	1.4	⊟⁰a.p.—⚹⁰—2ʰ20.—⊠—
26	4.72	(2.1)	1.2	⊟⁰,◯⁰a.◯⁰,⊟¹p.—⊠—
27	—	(0.8)	0.7	⊟¹a,⊟²p.⚹⁰5ʰ10—15ʰ20.⋉5ʰ10.⚹⁰22ʰ40—,⋉23ʰ00.—⊠—
28	3.08	(1.4)	1.2	⊟², ◯²a.⊟¹p.—⚹⁰—4ʰ15,12ʰ10—21ʰ20.⋉13ʰ30.—⊠—
29	5.76	1.7	1.0	⊟², ∨¹a.⊟¹,p.≡²3ʰ30—≡⁴6ʰ25—≡²6ʰ47—7ʰ33.—⊠—
30	1.70	(1.6)	1.1	⊟²a.⊟¹p.—⊠— *⋉8ʰ24.15ʰ32.—⊠—
31	0.10	(1.9)	1.2	⊟¹, ◯⁰a.⊟¹p.⚹⁰1ʰ20—3ʰ30,8ʰ10—△⁰8ʰ37—⚹⁰8ʰ53—12ʰ26,13ʰ47—⚹¹15ʰ30—⚹⁰16ʰ33—18ʰ31.*
Mean	3.28	1.9	1.0	

FEBRUARY, 1947.

International Seismological Centre

Day	AIR PRESSURE (700 mm+)*							AIR TEMPERATURE °C										TENSION OF THE 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	55.6	55.6	56.9	54.8	53.3	52.2	54.7	–4.0	–4.4	–3.8	–1.9	–12.7	–6.9	–5.6	–1.5	–12.7	–7.1	11.2	2.0	2.2	2.1	1.9	1.3	2.2	2.0
2	50.0	47.0	47.1	47.5	48.7	49.1	48.2	–5.8	–10.9	–2.2	–4.0	–5.9	–8.3	–6.2	–0.7	–11.3	–6.0	10.6	2.9	1.9	3.1	2.2	1.8	1.8	2.3
3	47.9	48.5	49.6	48.8	50.5	50.3	49.3	–7.6	–7.7	–7.1	–5.7	–7.4	–6.8	–7.0	–4.7	–9.5	–7.1	4.8	2.5	2.6	2.5	2.4	2.4	2.5	2.5
4	50.7	51.7	52.3	52.4	52.7	53.6	52.2	–11.2	–9.5	–1.7	–1.1	–3.7	–5.0	–5.4	–0.3	–11.4	–5.8	11.1	1.8	2.2	2.4	2.4	2.5	2.3	2.3
5	53.1	53.7	55.2	54.5	55.4	56.0	54.7	–11.3	–13.3	–4.8	1.3	–2.4	–10.5	–6.8	2.8	–15.6	–6.4	18.4	1.6	1.7	2.3	3.2	3.0	2.0	2.3
6	56.4	56.4	57.0	55.3	55.2	55.3	55.9	–14.3	–15.9	–6.2	1.9	–0.7	–6.4	–6.9	3.6	**–17.3**	–6.8	**20.9**	1.5	**1.3**	2.2	3.0	2.8	2.6	2.2
7	56.0	56.5	57.4	56.5	58.3	58.5	57.2	–9.8	–12.7	–4.7	2.7	–0.5	–3.4	–4.7	3.0	–13.7	–5.3	16.7	2.2	1.7	2.7	3.2	3.6	3.5	2.8
8	58.8	59.1	59.5	57.3	56.8	55.6	57.9	–9.1	–11.4	–5.1	2.5	–2.5	–6.6	–5.4	3.8	–12.1	–4.1	15.9	2.2	1.9	3.0	3.6	3.1	2.6	2.7
9	53.0	51.3	50.6	48.0	50.5	52.6	51.0	–5.1	–4.4	–1.2	2.3	0.2	–0.7	–1.5	2.8	–7.1	–2.1	9.9	3.0	3.3	4.0	4.6	4.4	2.8	3.7
10	53.3	54.1	54.2	53.3	54.0	54.9	54.0	–2.3	–6.6	0.0	–1.0	–2.3	–3.6	–2.6	0.8	–7.1	–3.1	7.9	2.7	2.5	3.6	2.7	2.7	2.4	2.8
11	54.7	55.0	54.3	52.4	52.7	52.4	53.6	–3.9	–4.7	–1.9	–0.6	–2.8	–4.0	–3.0	0.6	–6.2	–2.8	6.8	2.3	2.2	2.4	2.8	2.6	2.0	2.4
12	52.3	53.3	53.8	53.5	55.4	56.6	54.2	–4.6	–6.6	–2.1	–2.6	–4.3	–5.2	–4.2	–1.5	–8.0	–4.7	6.5	2.1	1.8	2.3	3.2	2.8	2.7	2.5
13	56.8	57.8	58.6	59.3	60.3	60.8	58.9	–5.4	–6.8	–4.3	–4.4	–5.4	–4.1	–5.1	–3.4	–6.9	–5.1	**3.5**	2.5	2.8	2.9	2.2	2.1	2.4	2.5
14	60.2	60.4	59.9	56.9	55.1	53.2	57.6	–3.6	–10.0	–0.6	–0.3	–1.5	–2.6	–3.1	0.9	–11.9	–5.5	12.8	2.5	1.8	2.8	2.8	2.9	3.5	2.7
15	50.3	47.2	45.4	**43.1**	46.0	48.4	46.7	–1.8	–2.1	–0.7	1.1	0.0	–1.4	–0.8	1.5	–3.0	–0.7	4.5	3.9	3.8	4.0	3.8	2.9	2.4	3.5
16	49.3	50.7	51.5	50.9	52.3	52.8	51.3	–3.4	–3.4	–1.0	1.0	–4.8	–8.9	–3.4	1.8	–11.2	–4.7	13.0	2.4	2.4	2.8	2.9	2.7	2.3	2.6
17	52.5	53.2	53.0	50.7	51.0	51.7	52.0	–14.7	–14.1	–5.5	0.2	–2.2	–7.4	–7.3	1.4	–15.2	–6.9	16.6	1.4	1.6	2.5	3.2	3.8	2.6	2.5
18	51.3	51.8	53.1	52.3	54.2	54.8	52.9	–14.5	–9.0	–3.7	0.3	–1.9	–2.3	–5.2	1.3	–15.5	–7.1	16.8	1.4	2.2	2.7	2.8	3.0	2.6	2.5
19	55.0	55.9	56.5	55.4	55.5	55.1	55.6	–7.1	–12.5	–0.3	1.5	–1.3	–5.6	–4.2	3.0	–13.8	–5.4	16.8	2.0	1.7	3.0	2.8	2.8	2.5	2.5
20	54.9	54.9	55.3	54.3	55.4	55.6	55.1	–7.4	–9.5	–3.7	–1.4	–4.1	–11.8	–6.3	0.5	–12.8	–6.1	13.3	2.6	2.2	2.8	2.9	3.1	1.9	2.6
21	55.3	55.9	56.1	54.3	54.9	55.3	55.3	–14.0	–15.9	–7.9	0.3	–2.6	–5.2	–7.5	1.9	–16.7	–7.4	18.6	1.6	**1.3**	2.1	3.2	2.7	2.7	2.3
22	54.4	56.2	57.5	57.0	58.1	58.3	56.9	–5.5	–8.3	–0.8	–0.1	–2.3	–4.1	–3.5	1.4	–9.1	–3.8	10.5	3.0	2.4	2.9	2.7	3.4	3.0	2.9
23	56.7	57.2	56.7	54.1	54.1	54.9	55.6	–8.8	–12.1	–1.1	5.6	4.3	1.3	–1.8	6.0	–12.4	–3.2	18.4	2.2	1.7	3.1	3.7	3.8	4.7	3.2
24	54.8	55.0	54.9	54.2	55.0	55.7	54.9	0.9	1.7	3.1	7.2	2.1	1.8	2.8	**7.9**	0.9	4.4	7.0	4.8	4.8	**4.9**	4.6	5.1	3.8	4.7
25	55.5	56.5	56.9	55.6	57.2	58.7	56.7	–0.1	–2.5	1.4	1.5	–1.1	–3.2	–0.7	2.1	–3.4	–0.6	5.5	3.1	2.9	3.2	3.2	3.0	2.6	3.0
26	59.6	60.0	59.0	56.8	56.8	56.9	58.2	–5.7	–6.7	–3.9	0.1	–0.3	–2.8	–3.2	1.5	–9.2	–3.8	10.7	2.1	2.0	2.0	2.6	3.0	3.6	2.6
27	56.4	56.9	56.5	53.6	53.1	50.4	54.5	–2.2	–5.6	0.4	1.3	–0.9	–2.3	–1.5	2.2	–5.6	–1.7	7.8	3.1	2.2	2.5	2.7	4.2	3.9	3.1
28	47.7	48.1	52.9	55.7	58.6	**60.9**	54.0	–2.5	–2.6	1.2	–0.7	–2.5	–4.8	–2.0	1.4	–5.6	–2.1	7.0	3.6	3.7	3.2	2.8	2.4	2.0	3.0
Mean	54.0	54.3	54.7	53.5	54.3	54.7	54.3	–6.6	–8.1	–2.4	0.3	–2.5	–4.7	–4.0	1.4	–10.1	–4.3	11.6	2.5	2.3	2.9	3.0	3.0	2.7	2.7

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h.
1	60	67	60	48	74	81	65	NNW	4.0	NNW	5.2	NNW	5.8	NNW	1.8	SW	1.5	SE	1.0	3.2	3.0
2	97	96	80	65	62	73	79	WNW	1.0	—	0.0	NNW	5.3	WNW	6.8	NNW	7.8	W	8.3	4.9	3.9
3	97	100	94	80	90	90	92	SE	1.8	SE	1.7	ESE	1.3	—	0.0	SW	2.3	SW	2.5	1.6	2.1
4	92	96	59	56	70	72	74	E	1.3	ENE	1.2	—	0.3	—	0.2	NNW	5.3	N	2.2	1.8	2.5
5	84	100	72	64	77	96	82	NNW	1.3	NW	1.2	—	0.5	NNW	6.5	WNW	1.2	—	0.0	1.8	2.1
6	100	100	76	56	65	90	81	W	0.8	—	0.0	—	0.5	—	0.5	S	2.3	WNW	2.7	1.1	0.6
7	100	100	83	58	81	97	87	—	0.2	—	0.0	—	0.2	W	6.2	WNW	3.7	W	0.8	1.9	2.0
8	97	100	97	66	80	94	89	S	1.2	—	0.2	—	0.2	N	2.2	W	2.2	W	1.0	1.2	0.9
9	97	100	95	85	96	65	90	N	1.3	—	0.0	N	1.0	—	0.3	NW	3.7	NNW	5.0	1.9	1.8
10	69	87	79	62	69	68	72	NNW	5.0	W	3.0	WNW	1.8	W	1.3	NNW	2.8	WNW	5.3	3.2	2.3
11	68	66	61	63	69	58	64	NE	3.8	W	4.0	NE	0.7	N	4.5	NNW	2.0	NNE	3.5	3.1	2.7
12	64	63	58	84	83	88	73	NW	6.3	W	4.2	—	0.3	NNW	3.7	WNW	2.7	WNW	4.0	3.5	3.8
13	82	100	86	67	68	70	79	WNW	2.2	NNE	1.8	—	0.3	NW	8.3	E	1.0	NNW	4.5	3.0	4.1
14	70	85	63	63	70	92	74	NNW	8.2	—	0.3	—	0.2	ENE	2.3	SW	1.8	WSW	0.8	2.3	1.8
15	97	97	93	77	63	58	81	—	0.5	—	0.0	WNW	1.3	NW	8.5	NNW	**9.7**	NNW	7.7	4.6	4.4
16	66	68	67	60	83	97	74	NNW	5.3	NNW	4.8	N	4.7	W	7.3	WNW	2.2	W	0.8	4.2	3.8
17	95	100	82	69	97	97	90	—	0.0	—	0.0	—	0.2	SE	4.8	SSE	3.3	E	1.5	1.6	1.4
18	90	97	78	61	75	67	78	W	2.2	—	0.5	SSE	0.8	WNW	5.0	NNW	7.5	NNW	5.0	3.5	3.3
19	75	96	63	55	66	82	73	W	2.3	—	0.3	ESE	0.8	WNW	5.8	NW	1.2	SE	0.8	1.9	1.7
20	97	100	81	70	92	100	90	SE	0.7	—	0.0	W	0.7	ESE	0.8	W	3.3	NW	1.3	1.1	1.3
21	100	100	84	68	72	85	85	NW	1.3	—	0.0	NW	1.2	—	0.5	N	2.3	S	2.3	1.3	1.2
22	97	97	67	59	87	88	83	WSW	3.5	ESE	1.0	NNW	2.5	W	3.5	N	2.5	SE	1.5	2.4	1.9
23	93	96	74	54	62	94	79	W	1.3	—	0.3	—	0.5	S	5.3	S	3.7	SE	1.3	2.1	2.5
24	98	92	85	61	96	73	84	SSE	1.8	S	3.3	NNW	3.3	WSW	1.0	NNW	1.0	NE	1.0	1.9	1.9
25	67	77	64	62	71	71	69	NNW	3.3	NE	1.2	NNW	3.0	NNW	4.3	NW	5.3	NW	3.7	3.5	3.6
26	68	72	58	**51**	67	97	69	NW	4.5	NNW	2.0	NNW	2.8	NNW	1.2	—	0.0	—	0.3	1.8	1.6
27	80	73	53	54	97	100	76	N	3.7	ESE	1.5	NE	1.8	NNW	1.8	N	2.8	WNW	0.7	2.1	1.7
28	95	97	64	65	62	64	75	—	0.3	W	1.2	WNW	8.8	NNW	5.0	NW	5.8	NNW	3.0	4.0	3.8
Mean	86	90	74	64	77	82	79	2.5		1.4		1.8		3.6		3.2		2.6		2.5	2.4

* Reduction: to standard gravity, −0.4; to mean sea level, +6.1

FEBRUARY, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	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	—	—	W9	—	—	—	9 sk	10 sc	3 k,sk	0 k,sk	0 cs	10 sc	5.3	—	—	0.0	—	—	—	0.0
2	—	—	—	W8	W9	—	10 n	10 sc	1 sk	8 sk,cs	5 sk	4 s	6.3	0.1	0.0	—	—	—	—	0.1
3	—	—	—	—	—	—	10 n	10 n	10 n	10 n	10 n	5 s	9.2	0.7	1.5	2.0	1.5	0.3	1.9	7.9
4	—	W9	W8	—	—	—	10 n	1 k	1 sk	1 sk	0 sk	0 —	2.2	0.1	0.2	—	—	—	—	0.3
5	—	—	—	—	—	—	0 sk	1 kc	2 ck,cs	0 k	0 k	0 kc	0.5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	0 kc	0 cs	0 k	1 k	10 sk	4 kc,cs	2.5	—	—	—	—	—	—	—
7	—	—	—	—	—	—	2 sk	6 ≡	9 sk,k	1 k	10 n	4 n,k	5.3	—	—	—	—	0.0	0.2	0.2
8	—	—	W8	W8	—	—	0 k	10 ≡	10 sk	10 sk	0 k	10 sk,cs	6.7	0.0	—	—	—	—	—	0.0
9	—	—	—	—	—	—	10 sc	10 n	10 n	10 n	10 n	0 k	8.3	—	1.2	1.4	0.0	1.6	0.0	4.2
10	—	—	—	—	—	—	0 k	9 sk,kc	10 n,sk	10 n,s	10 sk	7 sk	7.7	—	—	0.1	0.2	0.0	—	0.3
11	—	W9	W8	W8	—	—	10 sk	8 sk	6 k,sk,s	8 k,s	2 k	0 sk	5.7	0.0	—	—	—	0.0	—	0.0
12	—	—	—	—	—	—	10 sk	1 k,s	10 s,sk	10 n	10 s	7 n	8.0	—	—	—	1.0	0.2	0.4	1.6
13	—	—	—	—	—	—	10 sk,s	10 n	10 n	10 sc,n	4 sk,s	3 s	7.8	0.2	1.3	1.1	0.3	0.0	—	2.9
14	—	—	—	—	—	—	3 sk	5 cs,sk	10 c,cs,sk	10 sc	10 sc	10 n	8.0	—	—	—	—	—	0.0	0.0
15	—	—	—	—	—	—	10 n	10 n	10 n	10 s,sc	10 sk	10 cs,sc	10.0	0.5	1.1	**7.2**	1.6	—	—	**10.4**
16	—	—	—	—	—	—	0 cs	10 sc,cs	5 sk	3 sk,ck,s	6 sk	3 sk	4.5	—	—	0.1	—	—	—	0.1
17	—	—	—	W8	—	—	0 —	8 ≡,sk	10 sc	10 sk,k	10 n	0 sk	6.3	—	—	—	—	0.8	0.5	1.3
18	—	—	—	—	—	—	1 cs	10 n,sc	9 sk,s	10 s,sk	7 sk,s	2 sk	6.5	—	0.8	0.1	0.1	0.0	—	1.0
19	—	—	—	—	—	—	0 —	1 sk	6 sk	10 sk	10 sk,s	7 sk	5.7	—	—	—	—	—	—	—
20	—	—	—	—	—	—	9 sk,s	10 sc,sk	10 sc	10 n	10 n,sc	1 sk	8.3	0.0	—	0.0	0.0	0.1	—	0.1
21	—	—	—	—	—	—	0 sk	3 sk	8 n,sk	5 sk,k	10 sk	2 cs	4.7	—	—	0.0	0.4	—	—	0.4
22	—	—	—	—	—	—	1 sk	2 k,sk	10 sk,s	7 sk	10 n	9 sk	6.5	0.2	0.2	—	0.0	0.1	0.0	0.5
23	—	—	—	W8	—	—	0 —	5 ck,kc	2 sk,k,kc	7 sk,k	10 sk	10 s	5.7	—	—	—	—	—	0.9	0.9
24	—	—	—	W8	—	—	10 s	10 sk,s	10 s,sk	10 sk,cs	10 n	9 sk	9.8	0.5	0.1	0.1	0.7	0.2	0.2	1.8
25	—	—	—	—	W8	—	0 sk	10 cs,sk	10 cs,sk	10 cs,sk	7 sk,k	0 —	6.2	—	—	—	—	—	—	—
26	—	—	—	W7	—	—	0 —	10 cs	0 c,cs	8 k,sk	10 cs	9 s	6.2	—	—	—	—	—	0.1	0.1
27	—	W8	W7	W7	—	—	5 sk	5 k,sk	7 sk,cs	10 sk,cs	10 n	10 n	7.8	0.4	—	—	—	0.2	1.3	1.9
28	—	—	W9	W8	—	—	10 n	10 n	9 sk,s	10 sk,s	10 sk,s	0 sk	8.2	0.2	1.7	0.1	0.0	0.0	—	2.0
							4.6	7.0	7.1	7.5	7.5	4.9	6.4	2.9	8.1	12.2	5.8	3.5	5.5	38.0

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	8.00	(2.0)	1.0	⊟¹, ◯ ⁰a. ◯ ², ⊟¹p.⚹⁰6ʰ40 . . . 7ʰ53.—⊠—
2	4.10	(1.2)	1.8	⊟¹, ◯ ²a, ⊟¹p.⚹⁰1ʰ10—2ʰ20.⋉1ʰ10.—⊠—, 12.2ʰ—12.3ʰ
3	—	(1.3)	0.9	⊟¹,a,p.⚹⁰1ʰ30—,⋉1ʰ45.—⚹⁰—15ʰ40,17ʰ20—21ʰ55.—⊠—
4	9.14	2.1	1.3	⊟¹, ◯ ¹a. ◯ ², ⊟¹p.⚹⁰1ʰ35—3ʰ40.⋉1ʰ40—⊠—
5	9.16	2.3	1.3	⊟², ⊔¹, ◯ ¹a. ◯ ⁰, ⊔¹⊟¹p.—⊠—
6	8.79	2.4	1.4	⊟², ⊔¹, ∨¹a. ◯ ², ⊟¹p.—⊠—
7	7.22	(2.0)	1.3	⊟¹, ⊔¹, ∨¹a, ◯ ⁰⊟¹p.≡²5ʰ32—≡³5ʰ49—≡⁴5ʰ56—≡³8ʰ08—≡²8ʰ17—8ʰ28,⚹⁰15ʰ53—22ʰ20.⋉17ʰ00.—⊠—
8	5.15	(2.1)	0.9	⊟¹, ∨¹ ◯ ²a. ◯ ², ⊟¹p.≡³5ʰ00—≡⁴6ʰ10—≡²8ʰ37—9ʰ10.—⊠—
9	2.25	(1.0)	1.2	⊟¹a, ⊟⁰p.⚹⁰4ʰ40—10ʰ30 . . 15ʰ40—20ʰ30.⋉5ʰ00,15ʰ50.—⊠—
10	1.04	(1.3)	1.2	⊟¹a,p.⚹⁰8ʰ10—16ʰ36,19ʰ52 . . 22ʰ28.—⊠—
11	6.13	2.1	1.4	⊟¹a,p.⚹⁰,14ʰ13—14ʰ28.—⊠—
12	3.03	(0.4)	1.0	⊟¹, ◯ ⁰a.⊟¹p.⚹⁰10ʰ03—14ʰ38,15ʰ12—↠⁰22ʰ49—⚹⁰23ʰ40—,⋉17ʰ28.—⊠—
13	1.70	(1.2)	1.2	⊟¹,a. ◯ ⁰⊟¹p.—⚹⁰—0ʰ56,4ʰ35—↠⁰10ʰ25 . . 16ʰ30.↟⁰14ʰ20—15ʰ35.—⋉5ʰ00.—⊠—
14	5.40	(1.8)	1.0	⊟¹, ◯ ⁰a,p.⚹⁰21ʰ40—,⋉21ʰ40.—⊠—
15	—	(1.7)	1.9	⊟¹a,p.—⚹⁰—⚹¹6ʰ25—⚹⁰11ʰ10—11ʰ50.↟⁰14ʰ40 . . 20ʰ40.—⊠—, 16.7ʰ—17.7ʰ,18.3ʰ,18.7ʰ.
16	7.64	2.7	1.2	⊟¹a.⊟², ◯ ⁰p.⚹⁰6ʰ55—8ʰ47.—⊠—
17	5.40	(1.1)	0.7	⊟²⊔¹, ∨¹a. ◯ ⁰, ⊟¹, ⊔⁰p.≡³5ʰ40—≡⁴5ʰ57—≡³6ʰ52—≡²7ʰ24—7ʰ51,⚹⁰10ʰ45 . . 15ʰ40—19ʰ10,⋉15ʰ40,—⊠—
18	3.72	(2.0)	1.2	⊟², ⊔¹, ∨⁰a.⊟⁰p.⚹⁰4ʰ10—6ʰ50,⋉4ʰ10.⚹⁰10ʰ34 . . ↟⁰11ʰ36—⚹⁰11ʰ46 . . 15ʰ40.—⊠—
19	6.27	2.1	1.1	⊟², ⊔¹, ◯ ¹a.⊟¹p.—⊠—
20	4.21	(1.6)	0.8	⊟², ◯ ²a.⊟²p.⚹⁰1ʰ00—1ʰ43,6ʰ38—6ʰ50,11ʰ22 . . 13ʰ57—14ʰ27 . . 15ʰ08,16ʰ04 . . 18ʰ45.—⊠—
21	6.59	(1.7)	0.9	⊟², ⊔¹, ∨¹a. ◯ ⁰, ⊟¹p.⚹⁰8ʰ00 . . 10ʰ15—10ʰ35 . . 11ʰ20—⚹¹11ʰ40—⚹⁰11ʰ50—12ʰ10,22ʰ40—,⋉22ʰ40,—⊠—
22	3.56	(1.6)	1.0	⊟¹, ◯ ⁰a.⊟¹p.—⚹⁰—0ʰ40,4ʰ30—5ʰ20,11ʰ24 . . 12ʰ37,15ʰ03—18ʰ43.⋉16ʰ40.—⊠—
23	4.74	(1.9)	0.8	⊟², ⊔¹, ∨⁰, ◯ ⁰a, ◯ ⁰p.●⁰18ʰ50—20ʰ20,23ʰ45—,—⊠—
24	4.55	(2.1)	1.1	—●⁰—0ʰ50,2ʰ55—3ʰ10,7ʰ55—9ʰ32,10ʰ21—11ʰ26,16ʰ17—18ʰ47.—⊠—
25	6.00	2.3	1.7	⊟⁰, ◯ ¹a. ◯ ¹, ⊟¹p.—⊠—
26	7.20	(1.7)	1.0	⊟¹, ◯ ²a,p.⚹⁰19ʰ25—21ʰ20.⋉19ʰ05,⚹⁰22ʰ40—,—⊠—
27	4.87	(2.2)	1.1	⊟¹, ◯ ¹a,⊟⁰p.—⚹⁰—0ʰ50,17ʰ50—,⋉17ʰ55.—⊠—
28	5.66	2.7	1.7	⊟⁰, ◯ ⁰a. ◯ ⁰, ⊟¹p.—⚹⁰—6ʰ20 . . 7ʰ10,11ʰ48—13ʰ37,15ʰ50 . . 16ʰ28.—⊠—, 11.3ʰ,12.5ʰ
Mean	5.05	2.3	1.2	

MARCH, 1947.

International Seismological Centre

Day	AIR PRESSURE (700 mm+)*							AIR TEMPERATURE °C										TENSION OF THE 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	61.1	62.1	63.5	61.4	61.5	61.5	61.9	-9.9	-12.1	-5.2	2.4	1.4	1.6	-3.6	2.8	**-12.5**	-4.8	**15.3**	**1.5**	1.6	2.1	3.2	4.2	4.3	2.8
2	59.7	58.1	56.6	52.5	50.6	46.6	54.0	1.0	1.1	4.6	6.9	4.5	3.3	3.6	8.0	0.9	4.5	7.1	4.3	4.6	5.6	6.1	6.3	5.7	5.4
3	42.8	44.4	46.8	47.6	50.2	50.7	47.1	1.9	3.9	1.9	0.5	-1.8	-3.1	0.6	4.8	-5.5	-0.3	10.3	5.2	4.4	4.1	3.9	3.3	2.9	4.0
4	50.9	52.5	54.0	54.5	56.4	57.3	54.3	-5.4	-5.8	-1.5	0.5	-3.1	-7.8	-3.8	0.7	-8.4	-3.8	9.1	3.0	2.9	2.8	2.8	2.4	2.5	2.7
5	58.9	60.4	61.3	60.9	61.6	61.3	60.7	-5.9	-7.7	-2.1	1.3	-2.6	-4.8	-3.6	1.7	-7.9	-3.1	9.6	2.8	2.5	2.8	3.0	2.6	2.7	2.7
6	60.1	58.0	56.7	52.9	50.1	48.9	54.5	-4.2	-4.2	-1.9	-0.5	0.3	-0.5	-1.8	1.3	-5.3	-2.0	6.6	3.1	3.2	3.6	4.3	4.7	4.4	3.9
7	47.1	45.8	46.7	47.1	50.4	51.9	48.2	-2.3	-2.8	2.3	1.5	0.4	-1.5	-0.4	2.8	-6.2	-1.7	9.0	3.8	3.6	4.8	4.7	4.3	4.1	4.2
8	52.5	53.4	53.6	52.9	54.5	53.5	53.4	-2.0	-2.2	0.9	0.3	-0.9	-1.9	-1.0	2.6	-4.2	-0.8	6.8	3.8	3.8	3.3	3.9	3.6	4.0	3.7
9	52.3	53.8	54.0	53.5	54.1	54.2	53.7	-3.8	-6.1	-0.1	1.1	-2.5	-3.7	-2.5	1.4	-6.2	-2.4	7.6	3.4	2.6	2.7	2.6	2.8	3.4	2.9
10	53.0	54.1	54.6	54.8	55.7	55.9	54.7	-4.7	-7.3	-1.5	-0.1	-2.6	-3.6	-3.3	1.2	-8.4	-3.6	9.6	3.1	2.1	2.4	3.2	3.6	3.3	3.0
11	55.8	55.7	56.3	54.6	55.3	56.7	55.7	-3.3	-3.8	1.5	3.3	-0.9	-2.5	-0.9	4.0	-4.2	-0.1	8.2	3.6	3.4	3.1	2.7	3.1	3.7	3.3
12	56.1	55.3	56.4	56.6	59.4	60.7	57.4	-6.6	-9.4	-0.3	1.3	-1.0	-2.5	-3.1	2.1	-9.8	-3.8	11.9	2.5	2.2	3.7	2.7	2.7	2.5	2.7
13	60.9	61.8	63.1	63.2	64.3	64.9	63.0	-2.3	-2.5	0.3	1.6	-0.6	-3.9	-1.2	1.6	-6.3	-2.3	7.9	2.6	2.7	2.8	2.9	2.8	2.7	2.8
14	63.8	63.2	61.7	57.6	54.4	53.5	59.0	-6.2	-7.9	0.1	4.3	3.5	1.1	-0.8	5.2	-8.8	-1.8	14.0	2.6	2.4	3.4	3.8	4.0	4.9	3.5
15	53.0	54.4	54.5	56.1	57.4	57.9	55.6	0.2	-2.3	0.5	2.8	0.1	-0.1	0.2	3.6	-2.3	0.7	5.9	4.3	2.9	3.4	3.4	2.8	3.3	3.4
16	57.7	57.5	56.6	54.4	55.3	56.4	56.3	-0.3	-2.1	1.7	4.6	0.1	-2.8	0.2	5.6	-3.1	1.3	8.7	3.1	3.2	3.2	2.9	3.6	3.6	3.3
17	56.7	57.4	59.5	58.2	59.7	61.1	58.8	-3.0	-4.0	2.4	4.4	0.7	-1.5	-0.2	5.7	-4.8	0.5	10.5	2.8	2.9	3.7	3.0	4.0	3.3	3.3
18	61.7	63.5	64.6	64.2	65.6	66.7	64.4	-4.0	-5.0	2.5	2.7	-0.6	-3.5	-1.3	4.4	-5.1	-0.3	9.5	3.2	3.0	3.1	3.2	3.1	2.8	3.1
19	66.7	66.6	66.0	63.7	62.6	61.9	64.6	-4.1	-4.1	0.9	6.0	5.4	1.7	1.0	7.6	-5.3	1.2	12.9	3.3	3.3	3.4	4.2	4.5	4.6	3.9
20	61.4	62.2	62.8	62.7	62.5	62.6	62.4	1.9	2.3	2.2	2.7	0.5	-0.8	1.5	5.6	-0.8	2.4	6.4	4.8	4.8	5.1	4.6	4.6	4.3	4.7
21	59.1	55.5	50.9	43.2	42.6	41.5	48.8	-0.5	-0.5	1.5	0.7	2.4	1.7	0.9	3.0	-0.7	1.2	3.7	4.1	4.4	4.9	4.6	4.3	3.5	4.3
22	**40.3**	40.5	45.5	49.3	52.7	56.0	47.4	-0.2	-0.3	3.3	2.3	1.3	0.3	1.1	4.6	-1.1	1.8	5.7	4.2	4.2	3.9	4.0	3.5	3.1	3.8
23	57.5	59.0	61.7	62.4	64.2	66.2	61.8	-1.8	-1.7	2.9	2.5	0.5	-1.5	0.2	3.7	-3.3	0.2	7.0	3.1	3.6	3.3	2.8	3.6	3.0	3.2
24	66.8	**67.8**	67.3	65.2	65.3	63.3	66.0	-1.1	-4.6	5.5	7.2	3.8	2.5	2.2	7.9	-5.3	1.3	13.2	3.3	3.1	3.1	3.3	4.5	4.9	3.7
25	60.7	56.1	52.2	47.3	46.7	46.5	51.6	1.9	2.1	6.5	7.9	7.1	5.2	5.1	9.5	1.9	5.7	7.6	5.1	5.3	7.1	**7.7**	5.3	5.6	6.0
26	45.8	44.7	46.2	48.9	52.5	55.5	48.9	4.9	3.4	4.5	5.1	3.4	2.7	4.0	5.5	2.3	3.9	**3.2**	4.3	4.1	4.5	4.0	3.7	3.3	4.0
27	56.9	57.3	57.4	56.0	55.7	55.5	56.5	0.9	1.9	8.9	11.5	8.8	6.8	6.5	**12.5**	0.3	6.4	12.2	3.4	3.6	4.6	5.2	4.5	5.3	4.4
28	54.7	55.8	55.6	53.7	53.5	52.9	54.4	5.7	4.0	9.8	11.4	8.4	1.5	6.8	12.0	-0.2	5.9	12.2	5.3	5.0	5.0	4.8	4.5	4.5	4.9
29	51.1	49.9	51.1	52.7	54.4	56.1	52.6	-1.2	-0.6	6.1	8.0	3.4	2.3	3.0	8.3	-1.3	3.5	9.6	4.0	4.2	5.0	3.8	3.6	3.5	4.0
30	56.3	56.9	56.0	54.7	57.7	60.4	57.0	-0.1	0.3	5.7	2.7	-0.1	-0.9	1.3	9.1	-1.7	3.7	10.8	3.5	3.8	5.0	4.3	4.1	2.8	3.9
31	61.3	63.2	65.5	64.4	65.2	66.1	64.3	-1.1	-1.1	4.1	6.6	2.3	-2.3	1.4	6.8	-3.0	1.9	9.8	2.7	2.7	2.9	3.3	3.2	3.3	3.0
Mean	56.2	56.3	56.7	55.7	56.5	56.9	56.4	-1.8	-2.6	2.2	3.7	1.3	-0.6	0.4	5.0	-4.1	0.5	9.1	3.5	3.4	3.8	3.8	3.8	3.7	3.7

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h.
1	71	88	69	59	83	84	76	W	1.2	E	1.0	—	0.5	SSE	3.7	SSE	3.0	S	2.7	2.0	2.1
2	88	92	88	83	100	98	92	S	1.0	E	0.8	ESE	1.0	SSE	3.7	SSE	2.2	NNE	0.8	1.6	1.6
3	96	72	77	82	82	79	81	W	2.2	NNW	4.0	NNW	7.5	NNW	4.8	NNW	3.3	NW	2.8	4.1	4.1
4	97	97	68	59	66	97	81	N	1.0	—	0.0	NNW	2.0	NNW	1.0	NNW	3.8	—	0.0	1.3	1.6
5	94	97	73	58	69	83	79	—	0.0	NW	1.7	NNW	3.2	NNW	3.8	W	0.7	WSW	2.0	1.9	1.8
6	91	94	90	97	100	100	95	—	0.0	—	0.0	—	0.3	—	0.3	—	0.3	—	0.5	0.2	0.4
7	97	97	89	92	94	100	95	SE	0.7	WNW	0.7	—	0.0	W	1.2	W	0.7	SSE	0.8	0.7	1.2
8	97	97	66	83	83	100	88	NE	1.0	SE	1.7	WSW	5.5	N	1.2	SW	1.3	—	0.0	1.8	1.7
9	97	91	59	53	74	97	79	N	1.7	WNW	2.2	NNW	2.7	NW	2.0	NW	1.7	NE	0.8	1.9	1.7
10	97	78	57	70	95	94	82	NNE	1.0	N	1.0	NNE	2.0	W	5.2	NE	1.0	WNW	2.5	2.1	2.3
11	100	97	61	47	71	97	79	ENE	3.5	—	0.5	ENE	1.0	WSW	2.3	—	0.2	NE	2.2	1.6	1.7
12	87	97	83	54	62	65	75	—	0.3	SSW	1.7	E	2.3	NW	3.8	NNE	3.3	NW	4.2	2.6	3.2
13	67	72	61	58	65	78	67	NW	4.2	NNW	2.7	NNW	8.8	NW	5.7	NNW	6.8	SSE	1.7	5.0	4.2
14	90	97	73	62	69	100	82	W	2.3	—	0.0	SSE	3.7	SSE	5.2	S	3.5	NNE	1.0	2.6	2.2
15	94	75	72	61	60	72	72	WSW	9.2	W	5.7	W	**11.3**	W	5.8	NNW	2.2	NW	2.5	6.1	5.3
16	69	82	63	45	77	97	72	N	2.2	NW	1.5	W	0.7	NW	1.0	WSW	2.3	—	0.5	1.4	1.8
17	76	86	68	47	84	80	74	ESE	2.7	NE	1.2	SE	1.0	NNW	1.8	NW	1.2	E	1.3	1.5	1.7
18	94	94	57	58	71	79	76	WSW	2.2	—	0.0	SW	1.5	NW	3.8	WNW	3.0	—	0.3	1.8	1.6
19	97	97	70	60	68	88	80	N	1.0	WNW	0.7	—	0.3	W	0.7	SW	3.0	WNW	1.7	1.2	1.1
20	92	89	96	83	98	100	93	SW	1.5	N	1.8	NW	2.3	SSW	1.2	SSE	1.8	S	3.2	2.0	2.0
21	93	100	96	96	79	68	89	S	2.7	—	0.0	WSW	2.7	NW	3.5	SSW	1.3	WSW	11.2	3.6	2.5
22	93	93	66	74	69	66	77	SSW	5.5	SW	5.3	WNW	8.0	NW	8.3	NW	6.2	WNW	6.0	6.6	5.5
23	77	90	58	51	76	73	71	—	0.3	SSW	2.0	W	5.3	NW	3.3	NNW	2.7	SSW	2.8	2.7	2.8
24	78	94	46	44	75	90	71	ENE	0.8	—	0.3	ESE	2.2	SE	3.7	SE	2.3	S	1.7	1.8	1.8
25	98	100	98	97	70	85	91	—	0.2	—	0.0	S	4.0	E	3.2	W	6.7	NW	1.3	2.6	2.5
26	66	70	72	60	64	59	65	SE	1.5	NNW	7.0	NW	5.0	WNW	9.0	WNW	5.8	WNW	4.2	5.4	5.7
27	70	68	55	52	53	72	62	WNW	2.2	—	0.5	SSE	4.5	W	7.3	SSW	1.0	SE	2.2	3.0	2.8
28	77	82	55	47	55	88	67	NE	1.3	NNE	0.7	NE	1.7	WNW	3.2	NNE	2.0	W	1.7	1.8	1.7
29	95	95	71	47	62	65	73	N	0.8	E	0.8	WNW	1.7	WNW	5.5	W	3.8	W	2.5	2.5	3.0
30	77	81	73	78	90	65	77	NE	1.7	SE	1.7	SSE	4.0	WNW	5.5	W	5.5	N	4.3	3.8	3.5
31	64	64	47	**46**	59	84	61	NNW	5.8	N	3.0	NW	3.0	W	5.3	NNW	3.3	—	0.3	3.5	3.2
Mean	86	88	70	65	75	84	78		2.0		1.6		3.2		3.7		2.8		2.2	2.6	2.5

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

METEOROLOGICAL OBSERVATIONS AT MIZUSAWA.

MARCH, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	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	—	—	—	—	—	—	3 sk	0 —	0 —	0 k	10 sc	10 sc	3.8	—	—	—	—	—	—	—
2	—	—	s8	—	—	—	10 sc	10 s	8 sk,cs	10 sc	10 n	10 n	9.7	—	—	—	—	0.5	2.7	3.2
3	—	w9	—	—	—	sw5	10 n	10 sk	10 n	10 n	4 sk	3 cs,kc	7.8	5.3	1.1	0.0	0.0	0.0	—	6.4
4	—	—	—	—	w9	w8	10 cs,c	10 n,sk	10 n	10 sk	3 sk	10 sk	8.8	—	0.1	0.0	0.0	—	—	0.1
5	—	w8	—	—		—	10 n	3 sk	2 sk,k	4 k,sk	0 cs	10 cs,c	4.8	0.0	0.3	—	—	—	—	0.3
6	—	—	—	—	—	—	10 cs	10 n	10 n	10 n	10 n	10 sk,s	10.0	—	—	1.1	6.1	3.2	0.9	11.3
7	—	w8	—	—	—	—	9 ≡,sk	10 s,sk	10 n	10 n	10 n,sk	10 sk	9.8	—	—	1.3	4.1	1.6	0.2	7.2
8	—	—	—	—	—	—	10 ck,sk	10 n	4 sk	10 n	10 sc	10 sc	9.0	0.9	0.6	0.8	0.0	0.0	—	2.3
9	—	—	—	w8	—	—	10 sc	9 sk	10 sk,k	10 n,k	10 n	10 n	9.8	—	—	—	0.0	0.0	0.1	0.1
10	—	—	NW9	w9	—	—	10 n	0 k,c	8 sk	8 sk,s	10 n	10 n	7.7	0.6	0.2	—	0.0	0.0	1.4	2.2
11	—	—	—	w8	—	—	10 n	10 n,sk	10 n	9 k,sk	7 sk	6 sk	8.7	0.3	0.3	0.0	0.0	—	1.0	1.6
12	—	—	w9	w9	w9	—	6 k	10 sc,s	6 sk	5 sk	9 sk	0 sk	6.0	—	—	0.8	—	—	—	0.8
13	—	—	—	—	—	—	9 sk	10 sk,s	2 k	0 k	0 k	0 cs	3.5	—	—	—	—	—	—	—
14	—	—	—	w8	—	—	0 cs	10 cs	10 s,sc	9 sk,sc	10 s	10 s	8.2	—	—	—	0.0	—	2.7	2.7
15	—	—	—	w8	w8	—	10 n	10 s,cs	0 k,s	8 k,s	3 sk,c	2 sk	5.5	0.0	0.2	0.8	—	—	—	1.0
16	—	—	—	—	—	—	8 cs,sk	10 sc,sk	10 sc,cs,k	10 cs,sk,k	10 sc,k	7 sk	9.2	—	—	—	—	—	—	—
17	—	—	—	w7	—	—	2 sk	3 sk	4 k,cs	8 k,sk	9 sk,s	6 cs,sk	5.3	—	—	—	—	—	—	—
18	—	w4	w8	w7	—	—	3 cs	7kc,sk,ck	5 sk	4 sk,k	0 sk,k	0 —	3.2	—	—	—	—	—	—	—
19	—	w8	w8	w7	w5w7	—	10 sk	8 sk	6 k,sk	10 sk,k	9 sk,kc	3 sk	7.7	—	—	—	—	—	—	—
20	—	—	—	—	—	—	10 sk	10 sk,s	10 sc,k	10 n	10 n	10 n	10.0	—	—	0.1	0.0	0.8	0.6	1.5
21	—	—	—	—	w8	—	10 s	10 n	10 n	10 n	10 s	10 n	10.0	0.0	3.6	**9.0**	6.9	1.4	0.0	**20.9**
22	—	—	w8	—	w9	—	10 n	10 n	4 sk,s	10 n	10 sk,s	10 sk	9.0	2.3	1.9	3.9	0.7	0.1	—	8.9
23	—	w7	—	w8	w8	—	10 sk	10 sk,s	2 k,sk	7 k,s	9 s,sk	3 sk	6.8	—	—	0.0	—	0.0	—	0.0
24	—	—	—	—	—	—	3 sk	1 sk,cs	10 cs	10 cs	10 sc	9 sk	7.2	—	—	—	—	—	—	—
25	—	—	—	—	w8	—	10 s	10 n	10 n	10 ≡	4 sk	10 n,sk	9.0	—	1.7	6.5	1.7	—	0.1	10.0
26	—	w7	—	w9	w9	—	9 sk	10 s,sk	10 sc,s,sk	10 sk	3 sk	0 sk	7.0	0.0	—	0.1	—	—	—	0.1
27	—	w8	w8	—	w8	—	7 sk	10 sk	8 k	9 c,cs,k	10 sk	10 sk	9.0	—	—	—	—	—	—	—
28	—	w8	—	—	—	—	6 sk	10 sk,cs	10 sc,sk	10 sc	10 cs	0 —	7.7	—	—	—	—	—	—	—
29	—	w7	—	—	w8	—	0 —	10 sk	10 sk	0 k	4 sk	6 k,sk	5.0	—	—	—	—	—	—	—
30	—	w9	—	—	—	w8	0 k	10 sk	10 n,sk	10 n	2 sk,s	6 sk	6.3	—	—	0.0	0.2	0.0	—	0.2
31	—	—	—	w8	—	—	2 sk	1 sk	6 k,sk	1 k	0 k	2 cs,c	2.0	—	—	—	—	—	—	—
							7.3	8.1	7.3	7.8	7.0	6.5	7.3	9.4	10.0	24.4	19.7	7.6	9.7	80.8

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	8.29	1.9	0.6	⊟², ☌ ²a. ☌ ⁰p.—⊠—
2	0.58	(1.8)	0.8	●⁰14ʰ39—15ʰ05,17ʰ20—,≡³18ʰ45—≡⁴21ʰ20—≡³22ʰ49—23ʰ30.—⊠—
3	4.26	(1.9)	0.8	⊟¹p.—●⁰—3ʰ30.⚹⁰9ʰ45—14ʰ25.—⊠—
4	6.59	1.5	1.4	⊟¹a.⊟²p.⚹⁰4ʰ20—6ʰ50,8ʰ13—12ʰ44.⊱4ʰ30.—⊠—
5	9.65	(2.4)	1.2	⊟², ☌ ²a. ☌ ², ⊟¹, ⊔⁰, ◫¹p.⚹1ʰ30—3ʰ47.⊱2ʰ20.⚹⁰7ʰ04—7ʰ17.—⊠—
6	—	(0.9)	0.9	⊟¹, ⊔¹a.⊟⁰p.⚹⁰6ʰ04—⚹¹10ʰ40—⚹⁰16ʰ53—19ʰ26.≡²22ʰ34—≡³23ʰ18—.⊱6ʰ45.—⊠—
7	0.18	(0.4)	0.6	⊟⁰a,p.—≡³—≡²1ʰ46—2ʰ37.⚹⁰6ʰ52..8ʰ30—⚹¹12ʰ10—⚹⁰12ʰ28—⚹¹15ʰ20—⚹⁰16ʰ10—20ʰ40.⊱17ʰ00.⚹⁰23ʰ50—,
8	4.48	2.0	1.4	⊟¹, ◫⁰a.⊟⁰p.—⚹⁰—1ʰ00,4ʰ30—⚹¹5ʰ20—7ʰ18,⚹⁰12ʰ50—14ʰ38.—⊠— —⊠—
9	6.78	(2.1)	1.0	⊟¹, ☌ ²a.⊟⁰p.⚹⁰11ʰ46—,⊱18ʰ30.—⊠—
10	7.26	(1.5)	1.0	⊟¹, ☌ ¹a. ☌ ⁰, ⊟¹p.—⚹⁰—3ʰ30,12ʰ43—13ʰ52,16ʰ36,⊱18ʰ35.—⊠—
11	7.03	(1.9)	1.0	⊟¹a. ☌ ⁰, ⊟⁰p.—⚹⁰—10ʰ45,⚹¹20ʰ23—20ʰ50,⊱20ʰ25,—⊠—
12	6.98	3.1	1.3	⊟¹, ⊔⁰a. ☌ ⁰, ⊟⁰p.⚹¹7ʰ10—⚹⁰7ʰ36—9ʰ57.—⊠—,↙120ʰ
13	9.23	2.7	1.7	⊟¹, ☌ ¹a. ☌ ¹, ⊟¹, ⊔⁰p.—⊠—
14	2.81	(1.6)	1.6	⊟¹, ⊔¹a.⚹⁰10ʰ26—11ʰ34.●⁰18ʰ15—21ʰ30.—⊠—
15	8.93	2.7	1.4	⊟⁰a,p.⚹⁰1ʰ47—3ʰ00,⊱2ʰ20.⚹⁰6ʰ26—8ʰ50.⊱6ʰ43.↛⁰9ʰ00—10ʰ35.—⊠—,↙8.7ʰ—12.7ʰ
16	5.52	2.6	1.3	⊟¹, ☌ ²a. ☌ ¹, ⊟¹, ⊔⁰p.—⊠—,¹◷1ʰ39ᵐ36ˢ
17	7.47	2.7	1.3	⊟¹, ☌ ⁰a. ☌ ⁰, ⊟⁰, ⊔⁰p.—⊠—
18	7.60	2.3	1.2	⊟¹, ⊔¹, ☌ ²a. ☌ ¹, ⊟¹p.—⊠—
19	4.40	(1.9)	0.8	⊟¹, ⊔⁰, ☌ ⁰a. ☌ ⁰, ⊟⁰, ⊔⁰p.—⊠—
20	0.23	(1.4)	0.4	⊟⁰a,p.●⁰6ʰ10—8ʰ20.⚹⁰12ʰ06..●⁰15ʰ28—⚹⁰16ʰ30—23ʰ20.⊱20ʰ10.—⊠—
21	0.10	(0.1)	0.1	⊟⁰a,p.⚹¹5ʰ20—,⊱5ʰ21.—⚹¹—⚹⁰6ʰ41—⚹¹6ʰ45—●⁰15ʰ25—16ʰ50.⚹⁰20ʰ35—↠¹21ʰ45—,⊱21ʰ30.—⊠—↙22.0ʰ
22	2.84	(2.0)	1.4	⊟⁰, ☌ ⁰a, ⊟⁰p.—↠¹—7ʰ55.⚹⁰11ʰ30—15ʰ13.—⊠—,↙10.2ʰ
23	6.87	3.2	1.3	⊟⁰, ☌ ⁰a, ⊟⁰p.⚹⁰6ʰ18..8ʰ37,14ʰ10—14ʰ22.—⊠—
24	8.02	(2.8)	0.7	⊟¹, ☌ ²a, ☌ ²p.—⊠—
25	0.58	(1.1)	0.7	●⁰5ʰ10—12ʰ50,≡¹11ʰ20—15ʰ10,●⁰21ʰ40—22ʰ15,—⊠—
26	3.05	3.3	1.6	●⁰7ʰ05—8²46,—⊠—15ʰ00.↙14.5ʰ
27	9.11	3.0	1.2	⊟⁰, ☌ ¹a. ☌ ⁰p.
28	5.82	2.2	1.0	∞⁰, ♂⁰, ⊟⁰p.
29	7.06	3.1	1.3	⊟⁰, ⊔¹a. ☌ ²p.↙11.2ʰ
30	3.30	(2.5)	1.7	⊟⁰⊔⁰a, ⊟⁰p.●⁰8ʰ08..10ʰ46,12ʰ52—⚹⁰13ʰ57—14ʰ26.
31	11.09	2.8	1.2	⊟⁰, ☌ ¹a. ☌ ², ⊟¹, ⊔¹p.
Mean	5.36	2.6	1.1	

APRIL, 1947.

International Seismological Centre

Day	AIR PRESSURE (700 mm+)*							AIR TEMPERATURE °C										TENSION OF THE VAPOUR mm						
	2	6	10	14	18	22	Mean	2	6	10	14	18	22	Mean	Min.	Max.	Mean	Range	2	6	10	14	18	22	Mean
1	**64.7**	64.4	62.4	59.4	57.2	53.8	60.3	–3.9	–2.5	3.5	7.2	5.5	4.5	2.4	7.4	**–3.9**	1.8	11.3	3.4	3.4	4.0	5.1	5.4	5.7	4.5
2	47.9	42.4	39.6	39.6	41.7	43.6	42.5	4.4	11.4	11.8	7.6	5.6	2.9	7.3	12.3	2.9	7.6	9.4	6.0	9.3	9.1	5.7	5.6	5.2	6.8
3	44.4	45.6	48.3	48.1	50.8	53.5	48.5	4.5	5.1	8.4	9.9	6.9	4.3	6.5	10.6	2.4	6.5	8.2	4.5	4.1	4.5	4.6	3.5	3.8	4.2
4	54.4	55.7	55.0	52.6	51.9	52.5	53.7	1.5	–0.7	9.7	11.9	9.6	7.6	6.6	12.3	–0.7	5.8	13.0	4.1	4.1	4.8	6.0	6.7	6.0	5.3
5	51.8	53.6	55.2	55.5	57.3	58.4	55.3	5.8	5.0	5.9	5.8	4.0	2.5	4.8	8.1	0.7	4.4	7.4	5.5	5.1	5.5	5.0	4.1	4.6	5.0
6	57.0	57.9	59.1	59.8	61.0	62.5	59.6	–1.0	–0.5	6.2	6.8	4.1	2.3	3.0	9.8	–1.5	4.2	11.3	4.3	4.3	4.9	4.6	3.9	4.5	4.4
7	62.4	63.1	63.4	62.0	61.9	61.7	62.4	–0.8	–1.0	6.5	11.3	7.8	4.6	4.7	11.3	–1.5	4.9	12.8	4.0	4.0	4.9	4.4	4.5	5.7	4.6
8	60.9	61.3	61.2	59.9	58.9	58.6	60.1	2.7	3.1	6.6	13.5	11.0	8.2	7.5	14.2	2.2	8.2	12.0	5.1	5.4	5.7	7.0	6.9	6.7	6.1
9	55.9	53.5	51.9	48.7	48.2	49.6	51.3	7.3	6.8	7.8	10.9	10.2	7.3	8.4	11.9	6.1	9.0	5.8	7.5	7.1	7.8	8.8	7.7	6.1	7.5
10	48.8	48.8	48.1	48.9	49.0	49.7	48.9	5.1	5.3	9.1	6.9	3.5	1.3	5.2	10.2	–0.1	5.1	10.3	5.3	4.6	5.3	3.6	3.8	4.0	4.4
11	50.2	51.8	52.2	51.8	53.7	55.2	52.5	1.3	1.4	7.3	6.5	3.0	0.7	3.4	8.6	–0.5	4.1	9.1	3.0	3.6	4.4	4.5	4.5	4.2	4.0
12	55.7	56.8	57.1	56.0	56.1	56.8	56.4	–1.2	–1.3	8.9	9.2	6.5	0.1	3.7	10.1	–2.2	4.0	12.3	4.0	4.0	3.7	4.1	4.1	4.1	4.0
13	56.5	56.3	55.5	53.7	53.9	55.4	55.2	–2.3	–1.9	11.2	16.1	13.2	10.0	7.7	16.8	–3.6	6.6	20.4	3.7	3.8	4.6	4.9	6.3	7.4	5.1
14	57.0	59.0	60.0	59.4	59.4	60.5	59.2	5.9	3.6	13.5	14.4	11.5	5.5	9.1	15.2	1.7	8.5	13.5	5.3	5.6	3.9	3.6	4.4	4.8	4.6
15	60.3	60.8	59.9	57.8	58.0	58.3	59.2	–0.7	–0.7	12.8	21.5	15.6	7.7	9.4	21.7	–2.1	9.8	**23.8**	4.1	3.9	5.0	5.2	6.9	5.0	5.0
16	57.8	58.6	58.5	57.3	56.9	57.0	57.7	3.1	2.7	20.2	23.0	17.7	11.0	13.0	23.5	1.5	12.5	22.0	5.3	5.3	5.3	**2.6**	6.4	6.1	5.2
17	55.9	55.7	56.9	55.9	56.1	56.8	56.2	7.6	8.3	21.0	23.1	16.6	9.2	14.3	23.4	5.8	14.6	17.6	6.2	6.0	5.3	4.8	7.2	7.2	6.1
18	56.2	56.7	56.3	54.7	54.5	55.1	55.6	4.8	4.5	18.6	22.1	17.2	9.8	12.8	**24.8**	3.4	14.1	21.4	6.2	6.1	6.9	5.4	6.9	7.9	6.6
19	54.8	54.9	54.0	53.5	54.1	55.4	54.5	5.9	8.0	18.1	14.4	12.8	10.8	11.7	22.5	5.6	14.1	16.9	6.3	7.0	7.8	9.0	9.3	9.1	8.1
20	55.7	56.3	55.5	52.5	49.7	48.1	53.0	9.6	9.8	12.0	15.6	13.3	10.6	11.8	15.6	8.9	12.3	6.7	8.4	8.2	7.4	7.5	8.1	8.5	8.0
21	44.3	39.9	35.9	30.5	**26.1**	27.8	34.1	10.0	9.6	13.8	14.0	10.4	4.9	10.5	15.4	3.3	9.4	12.1	8.7	8.6	**11.3**	10.4	8.7	5.3	8.8
22	31.2	34.4	37.5	38.7	40.4	41.0	37.2	2.7	4.1	4.9	4.5	2.7	3.3	3.7	6.4	1.1	3.8	5.3	4.6	4.1	3.6	4.0	3.9	4.7	4.2
23	41.9	42.8	44.0	45.3	46.1	47.9	44.7	4.3	5.2	5.7	6.7	6.3	4.8	5.5	8.1	1.5	4.8	6.6	3.8	3.6	3.7	3.4	3.1	3.6	3.5
24	47.9	49.2	50.4	51.2	52.7	55.2	51.1	4.6	4.9	8.9	4.3	4.7	3.9	5.2	8.9	3.5	6.2	5.4	3.7	4.7	4.8	5.2	5.1	4.9	4.7
25	55.2	56.1	56.2	55.1	56.0	58.0	56.1	2.4	2.7	9.9	12.3	8.8	4.7	6.8	12.7	0.8	6.8	11.9	5.2	4.8	4.7	4.5	5.1	4.9	4.9
26	58.4	59.9	60.4	59.3	59.7	61.0	59.8	0.1	0.7	10.7	13.7	9.8	4.9	6.7	14.6	–1.3	6.7	15.9	4.4	4.5	4.6	4.8	4.8	5.0	4.7
27	61.4	62.0	60.7	58.1	57.8	58.6	59.8	–0.4	0.5	13.0	19.0	13.4	8.8	9.1	19.6	–1.2	9.2	20.8	4.2	4.4	5.6	6.6	7.4	7.2	5.9
28	57.1	56.1	55.1	52.2	49.5	45.7	52.6	6.1	5.9	12.2	14.5	11.8	10.4	10.2	14.9	5.0	10.0	9.9	6.9	6.8	8.5	8.8	9.6	9.1	8.3
29	41.6	40.6	43.3	46.5	50.5	51.2	45.6	9.2	9.6	8.6	8.3	7.8	7.8	8.6	10.5	7.0	8.8	**3.5**	7.7	7.0	6.2	5.6	5.2	5.1	6.1
30	52.4	53.5	51.8	48.7	49.9	48.3	50.8	8.0	5.3	14.9	18.5	12.8	12.4	12.0	19.7	3.6	11.7	16.1	4.8	5.4	5.9	8.1	7.0	6.1	6.2
Mean	53.3	53.6	53.5	52.4	52.6	53.2	53.1	3.6	3.8	10.7	12.5	9.5	6.2	7.7	14.0	1.6	7.8	12.4	5.2	5.3	5.7	5.6	5.9	5.8	5.6

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h.
1	100	89	69	67	80	91	83	ESE	1.2	—	0.0	—	0.2	S	3.3	NNW	1.8	—	0.0	1.1	1.2
2	96	93	88	73	82	93	88	NNE	0.8	SSE	10.3	SW	7.0	NNW	1.8	WNW	7.5	SW	2.3	5.0	5.3
3	72	62	55	50	47	61	58	W	8.5	WNW	7.2	W	11.8	SW	9.8	WNW	3.0	E	2.0	7.1	6.9
4	81	95	53	57	75	77	73	E	1.7	WSW	1.5	S	5.8	SE	10.0	SSE	1.7	WSW	3.3	4.0	3.2
5	81	79	79	73	67	85	77	WSW	2.7	NNE	1.8	NNW	3.3	N	3.2	WNW	3.5	—	0.0	2.4	3.3
6	100	97	69	63	63	83	79	—	0.0	—	0.5	NNW	2.0	WNW	4.8	NW	2.7	—	0.2	1.7	2.6
7	93	95	67	44	58	89	74	NNW	1.2	ESE	1.0	—	0.5	NNW	3.3	NNW	2.2	SSE	3.3	1.9	1.5
8	92	94	78	60	71	82	80	—	0.2	—	0.0	NNW	1.2	SSE	2.7	SE	3.3	SSW	1.8	1.5	1.5
9	98	97	98	90	83	80	91	SSW	1.7	—	0.2	W	1.0	NNE	1.0	N	4.8	NNW	4.7	2.2	2.0
10	82	69	62	49	66	80	68	N	0.7	—	0.3	WSW	6.8	WNW	5.0	W	9.5	WSW	2.8	4.2	4.0
11	60	66	57	62	80	88	69	ENE	2.7	S	2.3	W	13.0	WSW	9.5	N	0.7	—	0.3	4.8	3.8
12	95	95	43	47	57	89	71	SE	1.0	—	0.3	SW	0.7	NW	6.0	NNW	2.0	—	0.2	1.7	2.2
13	95	95	46	36	56	81	68	—	0.5	NE	0.7	NE	0.7	WSW	9.5	WSW	3.8	NW	2.5	3.0	3.2
14	75	94	34	30	44	71	58	NW	3.3	E	1.3	NNW	1.0	NW	6.3	SSW	1.0	SSE	2.7	2.6	2.9
15	95	90	46	27	52	64	62	NW	0.7	—	0.3	W	1.0	SW	2.0	N	0.8	WSW	0.7	0.9	1.3
16	93	96	30	27	42	63	59	—	0.5	ESE	0.7	N	1.8	WSW	6.5	WSW	3.2	NW	1.3	2.3	3.3
17	80	74	29	**22**	44	83	55	W	1.2	NE	1.5	NNW	3.5	WSW	7.8	NW	3.3	W	2.3	3.3	3.2
18	97	96	44	27	47	87	66	ESE	1.0	NW	0.7	NNW	1.7	SW	8.7	S	1.3	NNW	1.7	2.5	2.4
19	91	88	50	74	85	94	80	ESE	0.7	SE	0.7	SSE	5.3	WNW	6.2	NNW	2.5	WNW	1.2	2.8	2.8
20	94	91	71	57	71	89	79	NW	1.8	S	2.7	S	5.7	S	3.8	SE	3.7	SSE	2.3	3.3	3.1
21	96	97	96	87	93	82	92	S	1.2	—	0.5	SSW	1.5	NNW	2.2	W	1.8	W	11.5	3.1	3.1
22	83	66	55	63	71	87	71	WNW	11.3	WNW	9.5	WSW	8.2	SW	10.8	SW	7.5	SW	11.3	9.8	9.2
23	61	53	54	46	42	55	52	WSW	14.2	WSW	13.3	WSW	13.7	SW	6.7	SW	4.5	WSW	3.8	9.4	8.1
24	58	72	57	84	80	81	72	SW	7.0	SW	1.8	SW	6.5	N	5.0	N	4.3	N	1.7	4.4	4.2
25	96	87	51	42	60	76	69	NE	1.2	—	0.0	NNW	0.8	NW	4.0	NW	3.3	ENE	1.8	1.9	2.2
26	96	94	49	41	53	79	69	NW	0.7	NW	0.8	NNW	3.7	WNW	3.5	NNW	3.8	NNE	0.8	2.2	2.0
27	95	94	50	40	64	85	71	E	0.8	NNE	0.8	NNE	3.0	SE	4.3	NE	6.7	S	3.3	3.2	2.9
28	98	98	81	72	93	97	90	N	0.8	—	0.2	SSE	4.7	SSE	6.3	SE	2.2	NW	0.7	2.5	3.0
29	88	79	74	68	65	64	73	WNW	4.8	WNW	7.7	W	**20.0**	W	11.7	W	8.0	WNW	13.5	11.0	9.0
30	60	82	46	51	64	57	60	NE	6.0	—	0.3	SSE	7.0	W	5.3	WSW	7.0	S	4.3	5.0	4.5
Mean	87	86	59	54	65	80	72	2.7		2.3		4.8		5.7		3.7		2.9		3.7	3.6

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

METEOROLOGICAL OBSERVATIONS AT MIZUSAWA.

APRIL, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	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 kc,cs	10 sc	10 sc	10 sc	10 sc	10.0	—	—	—	—	—	—	—
2	—	—	—	w8	—	w8	10 n	10 n	10 n	10 sk,k,s	10 n	8 sk,s	9.7	1.1	**11.3**	9.1	0.7	0.3	1.8	**24.3**
3	—	w9	w9	w9	w9	—	10 n	4 s,k	3 sk	7 sk	6 sk	2 sk	5.3	0.4	0.1	—	—	—	—	0.5
4	—	—	—	—	w7	—	0 —	5 cs	3 ck,c,kc	2 sk,k	10 sk,sc	10 sc,sk	5.0	—	—	—	—	—	0.2	0.2
5	—	w9	—	w8	w9	w7	9 sk,kc	10 sk,s	10 s	10 sk	9 sk	10 sk	9.7	—	—	—	0.0	—	—	0.0
6	—	—	w8	w8	w7	w7	0 ck	10 sc,s	8 k,sk	8 k,sk	6 sk,k	5 k	6.2	—	—	0.6	—	—	—	0.6
7	—	—	—	—	w5	—	0 cs	10sc,sk,cs	10 kc,k	5 ck,cs,k	5 kc,	10 cs	6.7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	10 sc	10 sc	10 sc	10 sc	10 cs,sk	10 sc	10.0	—	—	—	—	—	—	—
9	—	—	—	w9	w9	—	10 n	10 n	10 n	10 sk,sc	10 sk	9 sk	9.8	0.4	3.7	7.4	0.6	—	—	12.1
10	w9	w8	w8	—	w9	—	4 sk	6 sk	8 sk,s,k	1 k	5 s,sk	5 s	4.8	—	—	—	—	—	2.6	2.6
11	—	w8	w9	—	w7	—	9 sk	8 sk,k	6 sk,s	10 s,sk	10 sc,sk	3 sk	7.7	0.4	—	—	—	—	—	0.4
12	—	—	—	—	—	—	2 sk	1 sk,s	0 k	0 k	3 ck,cs,k	0 —	1.0	—	—	—	—	—	—	—
13	—	—	—	w7	—	—	0 ck	0 —	1 kc	1 k	9 sk	10 sk	3.5	—	—	—	—	—	—	—
14	—	—	—	—	—	—	0 —	0 —	0 —	0 —	0 —	0 —	0.0	—	—	—	—	—	—	—
15	—	—	—	—	—	—	0 —	0 —	0 —	0 —	1 cs	0 —	0.2	—	—	—	—	—	—	—
16	—	—	—	—	—	—	0 —	2 cs	5 cs,c	4 cs,c	8 ck,cs,c	1 cs	3.3	—	—	—	—	—	—	—
17	—	—	—	—	—	—	9 cs	1 cs	0 —	0 —	0 —	0 —	1.7	—	—	—	—	—	—	—
18	—	—	—	—	—	—	0 —	0 —	10 cs	10 cs	10 cs,c	2 cs	5.3	—	—	—	—	—	—	—
19	—	w2	—	—	w8	—	2 cs	10 ck,cs,c	10sc,cs,sk	10 sk,n	10 sk,s	7 sk	8.2	—	—	—	0.0	0.7	—	0.7
20	—	—	—	—	—	—	10 sk,s	10 s,sk	10 sc	9 sk	10 sk	10 sk	9.8	—	—	—	—	—	—	—
21	—	—	—	—	—	—	10 n	10 n	10 s	10 n	10 n	10 n	10.0	0.5	3.9	0.8	3.9	8.5	1.0	18.6
22	—	—	—	—	—	—	10 n	10 s,sk	10 s	10 n	10 n	10 n	10.0	1.9	0.8	0.3	0.0	0.4	0.8	4.2
23	—	—	—	—	—	—	10 s	10 sc,sk	10 sk,s	10 sc,sk	10 sk,s	10 s	10.0	1.1	—	—	—	—	—	1.1
24	—	w7	—	—	w8	—	10 s	10 sk,s	10 sk,s	10 n,sk	10 sk,s	10 n	10.0	—	0.0	0.0	0.0	0.1	0.0	0.1
25	—	w4	—	—	—	—	7 cs,sk	10 kc,cs,c	10 cs,sk	1 k	3 kc,sk	0 —	5.2	0.0	—	—	—	—	—	0.0
26	—	—	—	—	—	—	0 —	0 sk	0 k,c	2 k	0 cs,c	0 —	0.3	—	—	—	—	—	—	—
27	—	—	—	—	—	—	0 —	0 c	10 cs	10 cs	10 cs	6 cs	6.0	—	—	—	—	—	—	—
28	—	—	—	—	—	—	5 s	10 s,sc	10 s,sk	10 sk,sc	10 n,sk	10 n	9.2	—	—	—	—	0.3	6.8	7.1
29	—	NW9	w9	w9	w9	—	10 n	10 sk,sc	10 sk,s	10 sk	10 sk	1 sk	8.5	7.7	2.1	—	—	—	—	9.8
30	—	—	—	w8	—	w8	2 sk	10 cs	10 c,cs	10 sk,cs	10 sc,sk	7 k	8.2	—	—	—	—	0.0	—	0.0
							5.3	6.6	7.1	6.7	7.5	5.9	6.5	13.5	21.9	18.2	5.2	10.3	13.2	82.3

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	—	(3.0)	0.7	⊟^{1}, ⊔^{1}, ∞^{0} ○^{0}a. ∞^{0}p.
2	1.70	(2.8)	1.3	○^{0}p. ●$^{0}1^{h}27$—●$^{1}2^{h}52$—●$^{0}5^{h}38$—●$^{1}6^{h}25$—●$^{0}9^{h}40$—$10^{h}25$,$11^{h}28$—$12^{h}50$,$15^{h}20$—$21^{h}05$,$22^{h}20$..,↙6.0^{h},7.0^{h}—8.2^{h}
3	11.44	4.5	1.5	○^{0}p...●^{0}..$2^{h}20$,↙4.7^{h}—4.8^{h},7.2^{h},75^{h}—105^{h},12.5^{h}—12,7^{h},13.7^{h}—13.8^{h},14.2^{h}—14.5^{h}
4	10.40	(4.0)	1.5	⊟^{0}, ○^{2}, ∞^{0}a, ○^{0}p. ●$^{0}19^{h}20$—$21^{h}35$. ↙12.5^{h}—12.7^{h},14.0^{h}
5	2.31	(1.7)	0.4	●$^{0}11^{h}46$..$13^{h}28$.
6	9.01	2.8	1.0	⊟^{0}, ⊔^{1}, ○^{0}a, ○^{1}p. ⊁$^{0}6^{h}25$—⊁$^{1}7^{h}06$—⊁$^{0}7^{h}18$—$7^{h}40$. ⊠$7^{h}06$—$7^{h}47$.
7	5.28	3.4	1.2	⊟$_{0}$, ⊔^{1}, ○^{0}a, ○^{2}p. ◷$^{1}10^{h}31^{m}17^{s}$
8	3.12	(2.0)	0.7	≈^{0}, ○^{0}a,p.
9	—	(1.5)	0.8	●$^{0}1^{h}30$—$12^{h}18$.
10	6.75	(3.4)	1.2	○^{1}, ⊟^{0}p. ⊁$^{0}18^{h}25$..⊁$^{1}20^{h}00$—⊁$^{0}20^{h}40$—⊁$^{1}21^{h}35$..$22^{h}50$. ⊠, ⊠$20^{h}00$—, ↙10.3^{h},24.0^{h}—, ◷$^{2}13^{h}29^{m}34^{s}$
11	9.40	3.6	1.0	⊟^{0}a.—⊠$^{h}7^{h}50$.—↙—0.5^{h},10.0—10.2^{h}
12	11.87	4.3	1.3	⊟^{0}, ⊔^{1}, ○^{2}a. ○^{1}, ⊔^{0}p.
13	10.90	5.5	2.2	⊔^{1}, ⊟^{1}, ○^{1}a, ○^{1}p. ↙12.2^{h},12.7^{h},13.0^{h}—13.2^{h}
14	12.10	5.4	2.4	○^{2}a,p.
15	11.43	5.9	2.1	⊟^{1}, ⊟^{0}, ○^{2}a, ○^{2}p.
16	10.50	7.6	3.4	○^{0}, ∞^{0}a. ○^{1}, ∞^{0}p. ↙11.7^{h}
17	11.05	7.0	2.9	○^{1}, ∞^{0}a,p. ↙13.3^{h}
18	9.45	5.7	2.7	○^{0}, ∞^{0}a, ○^{0}, ∞^{0}, ϒ^{0}p.
19	3.57	(2.4)	1.3	◺^{0}, ○^{0}, ∞^{0}a, ○^{0}p. ●$^{0}13^{h}18$..$16^{h}20$.
20	1.18	(2.0)	1.0	∞^{0}a,p. ●$^{0}23^{h}32$—
21	—	(1.3)	1.2	—●^{0}—$9^{h}14$. ●$^{1}10^{h}16$—●$^{0}10^{h}24$—$10^{h}47$,$12^{h}49$—●$^{1}14^{h}48$—●$^{0}16^{h}50$—, ↙21.8^{h}—22.2^{h},22.5^{h},23.0^{h}—
22	1.46	(1.8)	1.4	—●^{0}—⊁$^{0}2^{h}08$..$11^{h}20$—●$^{1}22^{h}57$—, ↙ -3.5^{h},3.8^{h},4.8^{h}—5.2^{h},5.5^{h}—5.8^{h},6.3^{h},9.2^{h}—9.3^{h},11.2^{h}—12.0^{h},12.3^{h},13.0^{h},*
23	1.28	3.0	1.7	○^{0}a,—●^{0}—$0^{h}10$. ↙1.7^{h}—2.5,,3.0^{h}—3.2^{h},3.8^{h}—4.0^{h},4.5^{h}—5.2^{h},6.2^{h}—7.7^{h},8.0^{h}—8.7^{h},9.0,9.5^{h},10.2^{h}—10.8^{h},11.2^{h},**
24	2.27	(2.1)	0.9	●$^{0}3^{h}10$..$7^{h}06$,$11^{h}12$—$15^{h}10$,$21^{h}56$—$22^{h}40$. *13.3^{h},14.0^{h}–14.2^{h},14.8^{h}–150^{h},15.5–16.0^{h},$19{\cdot}2^{h}$,19.5^{h}–19.7^{h},20.7^{h},22.0^{h}
25	10.43	4.6	1.5	○^{2}a.p. **11.8^{h}—12.0^{h},12.5^{h},12.8^{h}—13.3^{h},15.5,16.3,16.7,18.5^{h}—18.8^{h}
26	12.51	4.7	1.4	⊟^{0}, ⊔^{1}, ○^{2}a. ○^{0}, ∞^{0}p.
27	10.13	4.3	1.8	⊟^{0}, ⊔^{1}, ∞^{0}a, ∞^{0}p.
28	—	(2.7)	1.2	◺^{1}a. ●$^{0}17^{h}14$—●$^{1}19^{h}50$—
29	2.28	3.8	2.3	○^{0}a.p.—●^{1}—●$^{0}2^{h}20$—$5^{h}35$. ↙7.2^{h}—7.5^{h},8.2^{h}—14.8^{h},18.7^{h}—18.8^{h},19.5^{h}—20.0^{h},21.7^{h}—22.2^{h}
30	8.85	(4.4)	2.4	∞^{0}a,p. ●$^{0}16^{h}57$—$17^{h}12$.
Mean	6.36	4.8	1.5	

MAY, 1947.

International Seismological Centre

Day	AIR PRESSURE (700 mm+)*							AIR TEMPERATURE °C											TENSION OF THE 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	48.7	50.8	52.4	53.3	56.1	57.9	53.2	7.7	6.0	7.7	9.8	6.0	4.3	6.9	11.4	2.9	7.2	8.5	6.5	5.2	5.6	5.0	3.8	4.1	5.0
2	58.4	58.8	58.1	56.0	56.5	57.3	57.5	3.1	2.1	11.1	15.8	10.2	3.5	7.6	16.0	0.1	8.1	15.9	4.6	4.5	4.6	5.9	5.2	5.4	5.0
3	56.2	55.8	55.4	54.0	54.6	55.7	55.3	3.1	4.0	8.0	7.3	7.9	5.2	5.9	9.6	2.8	6.2	6.8	5.2	5.6	6.1	6.3	6.4	6.4	6.0
4	55.3	56.8	57.7	56 9	57.3	58.7	57.1	4.1	4.8	12.7	13.6	11.0	4.2	8.4	15.8	2.7	9.3	13.1	6.1	6.0	6.5	6.6	5.9	5.6	6.1
5	58.9	59.9	58.9	57.1	57.7	58.7	58.5	0.2	1.1	12.8	18.5	12.4	10.8	9.3	19.1	**-1.3**	8.9	20.4	4.5	4.1	**4.0**	5.7	6.6	7.1	5.3
6	57.7	59.4	59.4	57.3	57 9	59.9	58.6	8.2	8.4	13.5	21.5	19.1	10.7	13.6	23.6	7.0	15.3	16.6	7.4	7.6	8.7	8.4	9.4	8.4	8.3
7	60.5	60.7	59.3	58.3	55.5	54.0	58.1	6.7	8.0	16.8	16.6	13.4	11.4	12.2	19.7	6.0	12.9	13.7	7.1	7.5	9.5	9.7	10.8	9.8	9.1
8	50.8	50.5	52.6	52.0	53.5	55.9	52.6	10.9	11.8	15.0	18.6	16.3	8.8	13.6	20.1	8.1	14.1	12.0	9.6	9.5	9.7	10.0	7.8	7.4	9.0
9	56.5	57.7	58.3	57.7	58.5	59.6	58.1	8.0	8.4	13.2	16.3	11.4	9.0	11.1	16.5	5.6	11.1	10.9	7.4	5.7	6.1	4.8	5.0	4.3	5.6
10	59.7	60.2	59.6	57.9	57.5	58.9	59.0	6.1	7.6	17.5	20.1	15.3	8.1	12.5	20.7	4.0	12.4	16.7	4.4	5.4	5.4	6.3	5.5	6.5	5.6
11	57.6	57.8	55.8	52.6	52.0	51.9	54.6	1.7	3.3	15.4	21.7	16.8	14.2	12.2	23.0	1.2	12.1	21.8	5.0	5.3	6.6	9.2	9.9	9.8	7.6
12	50.5	50.3	50.7	49.1	48.2	48.0	49.5	12.8	12.8	13.3	14.7	14.9	13.4	13.7	15.3	12.4	13.9	**2.9**	10.9	10.4	9.8	11.5	10.6	9.9	10.5
13	47.2	47.8	47.9	47.7	50.3	52.4	48.9	12.3	12.4	19.1	18.9	13.8	11.4	14.7	20.3	10.9	15.6	9.4	9.3	9.0	11.0	10.8	9.2	6.5	9.3
14	54.0	57.4	58.8	58.2	59.3	61.1	58.1	10.0	10.9	17.4	21.6	15.4	12.0	14.6	22.1	9.7	15.9	12.4	7.2	7.7	5.9	6.6	5.4	5.8	6.4
15	60.1	**61.2**	60.6	58.8	59.4	60.3	60.1	9.3	7.4	17.1	23.7	18.5	12.1	14.7	24.8	5.6	15.2	19.2	6.9	6.5	7.5	8.1	7.1	9.9	7.7
16	60.2	60.4	60.5	59.5	58.6	59.3	59.8	9.2	9.4	14.3	16.8	17.1	13.1	13.3	18.3	8.1	13.2	10.2	8.5	8.4	10.9	12.1	11.1	9.4	10.1
17	58.1	58.2	57.5	54.8	54 3	53.8	56.1	14.0	14.2	18.3	22.7	17.9	16.2	17.2	23.7	13.7	18.7	10.0	11.0	11.0	11.8	12.2	12.2	11.9	11.7
18	50.2	49.3	46.8	44.4	**41.7**	42.4	45.8	15.5	15.9	16.1	16.3	15.0	14.2	15.5	16.6	13.0	14.8	3.6	12.1	12.5	12.0	12.8	12.0	11.9	12.2
19	42.2	43.5	45.4	47.1	49.4	51.3	46.5	13.4	12.5	14.2	14.2	12.8	9.0	12.7	17.2	8.0	12.6	9.2	8.8	8.8	6.9	7.3	7.3	6.8	7.7
20	51.8	53.6	55.2	55.1	55.8	57.6	54.9	8.7	10.6	15.4	19.9	18.5	10.0	13.9	21.1	7.2	14.2	13.9	6.9	7.9	8.2	8.5	9.0	8.0	8.1
21	57.7	58.3	56.5	54.9	52.2	50.4	55.0	5.0	6.8	14.9	14.6	14.2	12.6	11.4	16.8	3.9	10.4	12.9	6.4	7.1	9.0	11.1	11.7	10.6	9.3
22	47.5	46.2	46.2	44.9	46.3	47.4	46 4	12.4	12.4	16.9	17.1	13.8	11.4	14.0	19.1	10.5	14.8	8.6	10.7	10.6	11.0	9.9	7.2	7.5	9.5
23	47.8	49.0	48.2	46.5	47.5	51.6	48.4	11.1	11.8	16.0	16.8	13.6	9.2	13.1	18.4	8.1	13.3	10.3	7.9	7.3	7.4	7.8	8.0	5.8	7.4
24	53.1	55.5	56.6	56.2	56 3	57.1	55 8	8.8	10.0	13.7	18.4	15.8	7.7	12.4	19.4	5.0	12.2	14.4	5.6	5.6	6.9	7.0	5.3	7.0	6.2
25	56.6	55.9	53.9	51.4	50.4	51.6	53.3	3.2	4.6	15.6	21.7	18.8	14.0	13.0	22.3	1.6	12.0	**20.7**	5.4	5.7	8.5	8.5	10.8	10.4	8.2
26	50.9	51.5	50.9	48.6	49.3	50.6	50.3	9.2	9.6	19.9	24.4	19.7	13.9	16.1	24.8	8.3	16.6	16.5	8.4	8.6	10.9	11.2	11.7	11.1	10.3
27	51.0	52.7	53.4	53.3	54.8	57.1	53.7	12.0	11.9	16.0	19.3	15.2	11.2	14.3	20.5	10.1	15.3	10.4	10.0	10.2	11.0	11.7	10.1	8.3	10.2
28	56.8	57.7	58.2	56.2	56.2	58.0	57 2	9.4	10.4	15.5	23.8	20.2	13.4	15.5	25.0	9.3	17.2	15.7	7.8	8.7	9.5	10.9	12.5	10.5	10.0
29	57.1	57.8	57.0	55.1	55.5	56.2	56 5	11.5	10.2	21.0	26.7	19.9	15.6	17.5	**26.8**	9.6	18.2	17.2	10.0	9.1	12.2	10.5	11.3	12.2	10.9
30	54.9	54.7	54.2	52.1	51.8	52.4	53.4	16.1	15.4	20.3	23.3	20.0	16.5	18.6	23.9	15.2	19.6	8.7	11.8	12.4	12.2	12.3	12.8	**13.1**	12.4
31	51.1	51.1	51.0	50.6	50.6	50.9	50.9	15.1	15.2	20.5	22.7	19.5	13.0	17.7	23.2	10.9	17.1	12.3	12.4	12.7	10.6	10.2	9.3	9.2	10.7
Mean	54.2	54.9	54.7	53.5	53.7	54.8	54.3	9.0	9.4	15.5	18.6	15.3	11.0	13.1	19.8	7.1	13.5	12.7	7.9	8.0	8.6	9.0	8.7	8.4	8.4

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h.
1	83	74	72	55	55	66	68	W	7.7	WNW	6.2	NW	8.0	WNW	**11.3**	WNW	8.0	NNW	8.5	8.3	7.2
2	80	84	47	44	56	93	67	NNW	5.3	—	0.3	N	5.3	W	6.3	NW	3.3	WNW	1.7	3.7	2.6
3	91	93	76	83	81	97	87	—	0.0	SW	0.8	WSW	0.7	SW	4.5	SSW	1.7	—	0.0	1.3	1.6
4	100	93	59	57	61	91	77	—	0.0	NNW	2.7	S	1.2	WSW	4.8	WNW	2.2	NNW	1.0	2.0	2.0
5	98	82	36	36	61	74	65	WNW	0.7	NW	1.5	NNW	2.2	SSE	5.2	SSE	7.2	S	2.8	3.3	2.9
6	91	92	76	44	57	88	75	—	0.5	E	0.7	ESE	0.7	WNW	1.5	W	3.7	SSW	1.3	1.4	1.5
7	97	94	67	69	95	97	87	NE	0.8	NNW	1.5	—	0.2	SSE	9.8	NNE	1.7	S	3.0	2.8	2.4
8	99	92	76	63	57	88	79	NW	1.8	N	2.8	N	3.3	NW	3.2	NNW	2.2	SSE	3.7	2.8	3.3
9	92	70	54	**35**	49	50	58	SSE	1.5	NNW	3.0	NW	4.7	WNW	10.3	NW	6.8	NNW	7.3	5.6	5.4
10	63	69	37	36	43	81	55	—	0.3	WNW	1.5	NNW	2.5	NNW	6.0	NNE	1.2	NW	2.7	2.4	3.2
11	96	91	51	48	69	82	73	NE	0.8	—	0.3	E	0.8	SSE	10.5	SSE	8.2	SSE	3.5	4.0	3.8
12	99	95	86	93	84	86	91	S	1.7	—	0.2	SW	1.8	NW	0.7	NNE	1.2	NNW	2.7	1.4	1.8
13	87	84	67	67	78	65	75	NNW	5.0	N	3.3	WNW	5.0	NW	5.7	NNW	5.7	NNW	4.0	4.8	4.7
14	79	79	40	**35**	41	55	55	W	1.8	W	3.3	NW	4.0	E	1.5	SSE	5.0	SSE	3.3	3.2	3.8
15	79	84	52	37	45	95	65	ESE	2.0	—	0.5	—	0.3	ESE	1.2	SE	4.0	SE	3.3	1.9	2.3
16	98	96	90	85	77	83	88	—	0.3	—	0.0	S	3.5	S	5.8	SSE	4.5	SE	3.2	2.9	3.0
17	92	91	75	59	80	87	81	SSE	3.5	SSE	1.7	S	2.8	SSE	6.5	S	7.7	—	0.3	3.8	4.1
18	93	93	88	93	95	99	94	SSE	3.5	S	4.2	ESE	8.5	ESE	6.2	SW	2.0	—	0.2	4.1	3.8
19	77	82	57	60	66	80	70	WSW	4.8	SSE	4.3	SW	4.5	NW	2.3	SW	2.2	ENE	2.7	3.5	3.6
20	83	83	63	49	56	87	70	ENE	2.0	NE	1.7	N	2.3	NNW	0.7	N	0.7	SW	0.7	1.4	1.6
21	98	97	71	90	97	97	92	—	0.0	—	0.3	—	0.5	SSW	3.0	NW	3.0	W	1.3	1.4	1.7
22	100	99	77	68	60	75	80	—	0.0	—	0.3	NE	1.0	W	5.2	SW	6.5	NW	5.0	3.0	1.8
23	80	71	55	54	69	67	66	WNW	2.5	NNW	3.3	SW	6.3	WSW	11.0	W	2.3	NNW	4.3	5.0	5.5
24	66	62	59	45	39	89	60	NNW	3.8	NNW	7.7	NW	6.3	WNW	4.0	WSW	5.0	S	1.0	4.6	4.5
25	94	89	64	44	67	87	74	NW	0.8	NNW	1.3	—	0.3	S	4.3	SSE	3.0	SSE	3.0	2.1	2.2
26	97	97	63	49	69	94	78	W	1.5	—	0.0	—	0.5	SSE	5.8	SSE	5.0	SSE	3.2	2.7	2.7
27	96	99	81	70	79	84	85	—	0.0	ENE	1.5	—	0.3	S	3.8	SSE	5.7	SSE	4.8	2.7	2.4
28	88	93	72	50	71	92	78	SSE	2.3	WSW	1.7	SE	0.8	ESE	0.8	S	4.7	S	3.3	2.3	1.9
29	99	99	67	41	65	93	77	—	0.3	NNW	0.8	—	0.2	SSE	6.2	SSE	6.0	S	1.7	2.5	3.0
30	87	95	69	58	73	94	79	SSE	2.8	S	1.7	SSE	5.8	SSE	6.7	SSE	2.8	S	2.7	3.8	3.3
31	98	99	59	50	55	82	74	SW	1.7	SE	3.3	W	1.2	NW	4.8	NW	2.2	NNE	1.2	2.4	2.2
Mean	90	88	65	57	66	84	75		1.9		2.0		2.8		5.1		4.0		2.8	3.1	3.1

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

METEOROLOGICAL OBSERVATIONS AT MIZUSAWA.

MAY, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	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	—	—	8 sk,cs	10 n,sk,k	10 sk,s	8 sk	0 sk	0 —	6.0	0.3	0.0	0.0	0.1	—	—	0.4
2	—	—	—	—	—	—	0 sk	7 c,k	9 c,cs	10 c,cs,k	10 cs,c	10 cs,c	7.7	—	—	—	—	—	—	—
3	—	—	—	—	—	—	10 sc	10 sc	10 sc	10 n	10 s	10 kc,cs	10.0	—	—	—	0.2	0.1	—	0.3
4	—	—	—	—	—	—	10 sc,s	9 sk,kc,s	10 k,sk	10 sk,k	2 c,k	0 —	6.8	—	—	—	—	—	—	—
5	—	—	—	—	—	—	0 —	0 —	0 —	0 —	5 kc	10 s	2.5	—	—	—	—	—	—	—
6	—	—	—	W7	—	—	10 cs	10 s	8 kc,k	9 sk	6 c,k	10 c,cs	8.8	—	0.0	0.0	—	—	—	0.0
7	—	—	—	—	—	—	10 c,cs	10 sc,cs	10 sc	10 n	10 n	10 n	10.0	—	—	—	0.0	5.7	5.9	11.6
8	—	—	—	W7	W1	—	10 n	10 sk,s	10 sk	9 sk,k	9 ck,cs,k	9 cs	9.5	4.6	0.1	—	—	—	—	4.7
9	—	—	—	—	—	—	10 sk,ck	0 cs	0 —	0 —	3 cs	10 cs	3.8	—	—	—	—	—	—	—
10	—	—	—	—	—	—	0 —	0 —	0 —	0 —	2 cs	3 cs	0.8	—	—	—	—	—	—	—
11	—	—	—	—	—	—	5 cs	10 s,sc	10 cs	10 cs	10 cs	10 s	9.2	—	—	—	—	—	—	—
12	—	—	—	—	—	—	10 n	10 sk,s	10 sk,n	10 n,sk	10 sc,sk	10 sk	10.0	3.6	4.0	0.6	1.2	0.5	—	9.9
13	—	—	W8	W8	W9	—	10 s	10 sk,s	9 sk,c	9 sk	10 sk	4 sk	8.7	—	—	—	—	—	—	—
14	—	—	—	W2	—	—	10 sc	10 cs	9 ck,cs,c	9 ck,cs	10 sc	10 sk	9.7	—	—	—	—	—	—	—
15	—	—	—	—	—	—	0 ck	10 cs,c	10 cs	10 c,cs,k	6 c,sc,k	5 cs,sk	6.8	—	—	—	—	—	—	—
16	—	—	—	—	—	—	10 ≡	10 s	10 n	10 s,sk	7 sk	0 k	7.8	—	—	—	—	—	—	—
17	—	—	—	—	—	—	10 s	10 s	10 sc,s	8 cs,k	10 cs,s	10 s	9.7	—	—	—	—	—	—	—
18	—	S8	S9	S9	SE8	—	10 s	10 s,sk	10 n	10 n,sk	10 n	6 sk,s	9.3	—	—	1.4	5.6	0.4	2.0	9.4
19	—	S8	W8	W9	W8	—	10 sk,s	10 s,sk	10 sk	10 sk,c	9 sk	2 sk	8.5	—	—	—	—	—	—	—
20	—	W9	W7	W7	—	—	8 sk	10 sk	10 sk,k	6 k	0 k	0 —	5.7	—	—	—	—	—	—	—
21	—	—	—	—	—	—	0 —	10 ck,cs	10 sc	10 n	10 n	10 n	8.3	—	—	—	0.6	7.1	**15.4**	**23.1**
22	—	—	W7	W7	W8	—	10 n	10 s	10 sk,k	10 sk,n,k	4 k,sk	10 sk	9.0	4.0	0.3	—	0.0	3.0	—	7.3
23	—	W9	W7	W8	W7	—	10 sk,s	9 sk,k	10 sk	10 sk	10 sk,s	0 k	8.2	0.3	—	—	—	0.5	—	0.8
24	—	W7	—	—	—	—	0 sk	3 sk	0 k	0 k	0 cs,c	0 —	0.5	—	—	—	—	—	—	—
25	—	—	—	—	—	—	0 —	10 c,cs	10 cs	10 cs	10 kc,ck	5 kc	7.5	—	—	—	—	—	—	—
26	—	—	—	—	—	—	0 —	10 ≡	0 cs,k,c	0 k,ck	10 c,ck	10 c	5.0	—	—	—	—	—	—	—
27	—	—	—	—	—	—	10 cs	10 ≡	10 s	10 cs,k	10 cs	10 sc	10.0	—	—	—	—	0.0	—	0.0
28	—	—	—	—	—	—	10 s	10 s	10 cs	0 cs	0 —	0 —	5.0	—	—	—	—	—	—	—
29	—	—	—	—	—	—	10 ≡	10 ≡	10 cs	10 cs,k	7 cs	10 s	9.5	—	—	—	—	—	—	—
30	—	—	—	—	—	—	10 s	10 s	2 sk,s	7 sk	10 sc	10 n	8.2	—	—	—	—	—	4.8	4.8
31	—	S9	W8	—	—	—	10 n	10 n,sc	5 sk	1 k	10 cs,k	0 —	6.0	10.6	7.4	0.2	—	—	—	18.2
							7.1	8.6	7.8	7.3	7.1	6.3	7.4	23.4	11.8	2.2	7.7	17.3	28.1	90.5

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	7.64	(4.8)	2.2	◑[1]*p*.●[0]1[h]00—1[h]15,5[h]30..11[h]17.↙0.8[h],1.2[h]—1.3[h],14.0[h]—14.2,,15.0[h],15.3[h],15.7[h],16.3[h],16.5[h]—16.8[h],17.5[h]
2	10.48	3.8	1.4	⊟[0],⊔[0],◑[2]*a*,◑[1]*p*.
3	—	(1.2)	0.7	≈[0]*a*.●[0]11[h]56—16[h]43.
4	4.55	3.4	1.2	≈[0]*a*.≈[0]⌓[0]*p*.↙12.8[h]—13.5[h]
5	11.63	2.6	2.2	⊟[0],⊔[1],◑[0],≈[0]*a*,≈[0]*p*.
6	6.91	4.6	1.4	≈[0]*a*.◑[0],≈[0],◑[0],◫[0]*p*.●[0]5[h]42..7[h]16.
7	2.04	(2.9)	1.2	⌓[0],≈[0]*a*.●[0]13[h]58—
8	5.24	4.8	1.8	◑[0]*a*.◑[0],≈[0]*p*.—●[0]—2[t]30.
9	11.42	7.8	3.8	◑[2]*a*,*p*.↙11.7[h],14.0[h]
10	10.60	5.9	3.0	◑[0]≈[0]*a*.≈[0]*p*.
11	9.08	(5.6)	2.6	⌾[0],≈[0]*a*.≈[0]*p*.●[0]22[h]36—,↙14.0[h]—14.2[h],15.0[h]—16.7[h]
12	—	(1.6)	1.0	◑[0]*p*.—●[0]—4[h]10,6[h]57—14[h]20..16[h]15.
13	4.25	6.1	2.6	◑[0]*a*,*p*.↙15.8[h]
14	6.97	6.0	2.7	◑[0]*a*,*p*.
15	11.00	5.5	2.2	≈[0]*a*.≈[0],◑[0],⌓[0]*p*.
16	2.04	2.6	1.0	⌓[1]*a*.≈[0]*p*.≡[2]1[h]40—≡[1]3[h]10—4[h]00.≡[0]8[h]04—10[h]40.
17	7.73	(4.7)	1.9	≈[0]*a*,*p*.
18	—	(1.8)	0.7	●[0]6[h]16—●[1]10[h]10—●[0]11[h]05—●[1]11[h]20—●[0]13[h]40—14[h]40,16[h]30—●[1]20[h]56—21[h]40.
19	2.03	3.1	1.4	↙12.3[h]—12.5[h]
20	6.46	3.3	1.0	◑[0]*a*.◑[0],≈[0],⌓[0]*p*.
21	1.18	(1.6)	0.5	⌓[1],≈[0]*a*.●[0]12[h]38—●[1]15[h]20—●[0]21[h]10—
22	2.14	(3.8)	1.4	◑[0]*a*,*p*.—●[0]—2[h]30,4[h]33—5[h]23,12[h]40..14[h]15.●[1]15[h]43—●[0]15[h]54—16[h]01,23[h]50..
23	5.69	(4.7)	2.3	◑[0]*a*...●[0]..1[h]05,16[h]00—17[h]18,↙11.8[h]—12.7[h],13.0[h],13.7[h]—14.2[h],14.7[h],19.0[h]—19.2[h],19.5[h]—19.7[h]
24	13.10	5.5	1.8	◑[1]*a*,◑[2]*p*.
25	10.58	4.7	1.7	⌓[1],◑[0],≈[0]*a*.≈[0]*p*
26	9.45	5.5	1.9	⌓[1],◑[0],≈[0]*a*.◑[0],≈[0],◫[0]*p*.≡[3]4[h]13—≡[5]4[h]27—≡[4]4[h]52—≡[3]5[h]18—≡[2]5[h]38—≡[1]5[h]56—≡[5]6[h]11—≡[4]6[h]30—*
27	1.47	3.3	1.2	⌓[0]*a*,≈[0]*p*.≡[2]4[h]00—8[h]15.●[0]15[h]12..15[h]34. *—≡[3]7[h]44—≡[2]8[h]30—9[h]10.
28	8.47	4.8	1.3	≈[0]*a*.≈[0],⌓[0]*p*.≡[4]23[h]30—
29	9.47	6.5	2.9	⌓[1],≈[0]*a*.≈[0]*p*.—≡[4]—≡[3]5[h]50—≡[1]7[h]25—8[h]20.
30	7.66	(6.8)	1.7	≈[0]*a*,*p*.●[0]19[h]03..●[1]20[h]45—
31	8.63	5.5	2.1	≈[0]*a*.◑[2],≈[0],⌓[0]◫[0]*p*.—●[1]—●[0]3[h]45—5[h]30,5[h]58—7[h]10
Mean	6.38	4.8	1.8	

JUNE, 1947.

International Seismological Centre

Day	AIR PRESSURE (700 mm)*							AIR TEMPERATURE °C										TENSION OF THE 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	51.5	51.3	50.9	50.0	49.7	50.4	50.6	9.6	10.4	15.4	16.9	16.4	11.6	13.4	18.1	9.4	13.8	8.7	8.4	8.9	9.7	11.9	11.5	10.0	10.1
2	49.5	50.0	49.3	47.6	48.5	50.4	49.2	10.1	10.8	18.6	21.9	16.8	11.8	15.0	22.8	9.1	16.0	13.7	9.1	9.4	11.0	10.1	11.0	9.7	10.1
3	50.0	51.3	52.2	51.3	51.7	52.6	51.5	11.9	12.6	13.2	13.3	12.0	10.3	12.2	14.4	9.9	12.2	4.5	10.2	10.6	10.0	10.8	9.9	8.9	10.1
4	52.2	52.9	53.3	53.1	54.4	56.5	53.7	9.8	10.9	12.6	17.2	15.9	12.6	13.2	18.3	9.8	14.1	8.5	8.8	9.2	10.0	10.6	9.1	10.0	9.6
5	56.9	57.5	58.7	58.2	58.4	59.4	58.2	10.7	10.5	13.0	14.1	12.4	10.1	11.8	15.2	10.0	12.6	5.2	9.2	8.8	9.3	9.6	8.8	**8.0**	9.0
6	58.5	59.2	58.9	58.7	58.5	58.8	58.8	9.5	10.0	11.4	13.8	13.4	12.2	11.7	14.0	9.5	11.8	4.5	8.3	8.9	9.6	10.4	9.7	9.4	9.4
7	57.8	58.1	58.3	56.6	55.5	55.6	57.0	12.0	12.2	14.8	16.0	15.4	13.6	14.0	16.0	11.8	13.9	4.2	9.9	10.0	10.2	10.4	11.1	11.0	10.4
8	54.9	54.5	53.6	52.4	51.7	52.2	53.2	12.9	13.2	15.0	17.0	15.8	14.4	14.7	17.1	12.6	14.9	4.5	10.9	11.1	12.4	12.4	11.3	11.6	11.6
9	51.4	51.1	52.0	52.9	54.1	56.3	53.0	13.2	13.0	13.2	15 4	15.3	12.2	13.7	16.8	11.0	13.9	5.8	11.1	10.8	10.4	10.0	9.2	8.6	10.0
10	56.2	57.7	57.3	56.1	56.0	57.5	56.8	9.3	10.3	18.0	21.7	17.2	13.4	15.0	22.3	**7.6**	15.0	**14.7**	8.1	8.5	10.3	10.4	11.0	10.8	9.9
11	56.6	56.3	55.9	54.1	53.0	53.7	54.9	12.2	13.4	16.5	17.1	15.2	14.2	14.8	17.9	11.7	14.8	6.2	10.1	9.7	10.5	11.4	11.3	11.7	10.8
12	50.9	49.2	48.8	46.8	47.8	49.2	48.8	13.6	13.8	17.0	20.7	18.7	14.3	16.4	21.7	13.2	17.5	8.5	11.3	11.4	11.8	12.9	13.7	11.1	12.0
13	48.4	49.0	50.4	50.4	51.3	53.7	50.5	13.0	12.8	13.5	13.8	12.5	10.9	12.8	14.2	10.6	12.4	3.6	9.9	9.9	10.6	11.0	10.2	9.4	10.2
14	54.3	55.3	55.4	54.8	55.1	55.2	55.0	10.6	11.4	14.4	16.4	15.2	12.4	13.4	17.0	10.5	13.8	6.5	9.4	9.5	9.8	10.2	9.2	**8.0**	9.4
15	53.7	53.3	52.3	50.8	50.0	49.3	51.6	11.7	12.2	15.5	15.5	14.4	13.8	13.9	16.1	11.3	13.7	4.8	9.7	9.7	11.1	10.5	11.4	11.4	10.6
16	47.0	**45.9**	46.2	46.5	47.9	50.1	47.3	13.6	13.6	14.0	14.0	13.2	12.0	13.4	14.5	11.2	12.9	**3.3**	11.4	11.3	11.3	10.1	9.9	9.6	10.6
17	51.0	52.9	54.4	54.4	55.2	57.2	54.2	10.8	11.0	13.4	16.5	16.2	12.0	13.3	18.0	10.4	14.2	7.6	8.6	8.4	9.8	10.5	11.0	9.9	9.7
18	58.6	60.0	**60.1**	59.2	59.2	59.7	59.5	11.7	10.4	17.3	21.1	17.8	14.6	15.5	21.5	10.2	15.9	11.3	10.0	8.7	11.1	12.6	11.2	11.4	10.8
19	58.2	57.7	55.8	52.9	52.7	54.0	55.2	14.7	15.3	19.5	24.6	25.1	20.3	19.9	26.2	14.2	20.2	12.0	11.4	11.4	10.5	12.9	13.5	11.3	11.8
20	53.8	54.4	53.9	53.3	52.0	51.8	53.2	15.2	15.6	19.3	20.1	18.8	17.3	17.7	20.7	14.2	17.5	6.5	12.4	12.4	13.8	14.5	15.0	14.3	13.7
21	49.9	49.9	50.5	51.5	52.4	54.1	51.4	16.7	17.1	18.2	22.5	17.9	14.1	17.8	22.7	12.8	17.8	9.9	13.1	14.1	12.6	11.7	9.4	8.8	11.6
22	53.8	54.7	53.8	53.2	54.3	56.2	54.3	11.3	14.6	20.4	22.7	19.8	14.1	17.2	23.0	10.6	16.8	12.4	8.6	9.4	10.3	11.1	10.2	10.6	10.0
23	56.5	57.6	57.2	56.6	56.9	57.1	57.0	12.3	14.1	20.5	21.5	17.5	16.0	17.0	23.0	10.7	16.9	12.3	10.2	10.3	11.5	12.2	12.4	13.2	11.6
24	55.4	54.7	54.6	53.8	52.4	52.3	53.9	15.8	16.3	18.5	20.7	21.7	20.5	18.9	22.3	15.6	19.0	6.7	12.9	13.4	15.5	16.0	17.1	17.5	15.4
25	51.8	51.4	49.1	49.9	52.1	53.8	51.4	19.7	19.9	20.7	22.5	21.3	16.9	20.2	24.0	16.6	20.3	7.4	16.5	17.1	17.7	**18.8**	13.5	12.8	16.1
26	53.9	54.5	53.9	52.6	53.2	54.0	53.7	15.7	16.6	23.9	25.1	23.7	19.1	20.7	26.0	13.4	19.7	12.6	12.6	12.9	12.7	12.9	14.3	14.3	13.3
27	53.3	54.0	53.6	52.0	52.6	53.2	53.1	16.3	17.7	25.3	28.4	25.6	19.7	22.2	**28.8**	15.0	21.9	13.8	13.3	13.8	15.4	14.6	17.1	13.5	14.6
28	53.0	52.7	52.5	51.7	49.9	49.8	51.6	17.4	17.2	18.3	18.0	17.9	17.0	17.6	19.9	16.5	18.2	3.4	13.4	13.9	14.4	14.8	14.7	14.0	14.2
29	48.4	48.6	48.5	48.7	49.8	51.3	49.2	16.2	14.9	15.9	15.5	14.7	13.1	15.1	16.6	12.9	14.8	3.7	13.4	12.1	12.8	12.3	12.0	10.9	12.3
30	51.6	53.4	54.4	54.7	55.9	57.5	54.6	12.8	12.6	16.1	18.3	14.8	13.7	14.7	18.7	12.3	15.5	6.4	10.7	10.6	12.0	13.4	11.3	10.9	11.5
Mean	53.3	53.6	53.5	52.8	53.1	54.1	53.4	13.0	13.5	16.8	18.7	17.1	14.3	15.6	19.6	11.8	15.7	7.8	10.8	10.9	11.6	12.0	11.7	11.1	11.3

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h.
1	94	94	74	83	83	99	88	—	0.0	NW	1.2	—	0.5	SSE	3.8	SE	4.2	W	0.8	1.8	1.7
2	99	97	69	**51**	78	94	81	ENE	0.8	—	0.2	—	0.2	S	6.2	S	5.0	SSE	3.3	2.6	2.8
3	99	97	88	95	95	96	95	—	0.0	SSE	2.2	S	4.0	SSE	3.3	SSE	2.7	SSE	4.3	2.8	2.8
4	97	94	92	73	68	92	86	S	2.7	S	2.2	SSE	3.8	NNW	1.0	NW	4.2	—	0.3	2.4	2.5
5	96	93	83	81	82	87	87	N	1.7	N	3.7	SE	3.2	SSE	5.0	SE	3.5	SSE	3.8	3.5	3.4
6	94	97	96	89	85	89	92	SSW	1.5	S	1.7	SW	0.8	S	3.8	SSE	3.5	SSE	1.7	2.2	1.7
7	95	95	82	77	86	95	88	WNW	0.8	NW	1.2	WNW	1.3	NNW	2.8	NW	1.8	W	1.7	1.6	1.4
8	99	99	98	86	85	95	94	—	0.5	—	0.0	—	0.5	—	0.2	SSE	2.2	WSW	1.5	0.8	0.9
9	99	97	92	76	71	82	86	NW	2.8	NW	5.0	NNW	6.0	NNW	7.2	NNW	6.5	NNW	4.2	5.3	4.4
10	93	92	68	55	76	95	80	NE	1.7	—	0.0	SSE	3.5	SSE	3.5	SSE	7.2	SSE	3.0	3.2	2.8
11	96	85	75	79	88	97	87	ESE	2.2	NW	3.5	ESE	4.8	ESE	7.3	ESE	5.8	SSE	3.8	4.6	4.6
12	97	97	82	71	86	91	87	S	3.0	NNW	2.2	NNW	4.5	N	4.5	NNW	2.7	—	0.2	2.9	3.2
13	88	90	92	94	95	97	93	NW	1.7	W	1.2	SSE	3.8	SSE	3.5	S	4.0	SSE	3.3	2.9	2.7
14	99	94	81	73	71	74	82	S	2.3	SSE	1.7	S	3.0	S	3.7	SSE	3.3	SSE	3.0	2.8	2.7
15	94	92	84	80	94	97	90	S	1.8	—	0.0	WSW	0.7	SE	3.8	SSE	1.3	—	0.0	1.3	1.2
16	99	97	95	85	87	92	93	—	0.0	NW	1.8	NW	3.0	NNE	1.3	NW	1.5	—	0.0	1.3	1.6
17	89	86	86	75	81	95	85	NW	0.8	N	0.7	SSW	3.7	SSE	3.7	SSE	4.3	—	0.3	2.3	2.4
18	97	93	76	68	74	93	84	—	0.3	NNW	1.0	S	3.7	SSE	6.2	SSE	6.8	SSE	2.3	3.4	3.4
19	91	88	63	56	57	64	70	SSE	0.8	SSE	1.5	E	0.7	E	1.0	WSW	4.3	SW	2.2	1.8	1.4
20	96	94	83	83	93	98	91	SE	1.2	E	0.8	—	0.3	—	0.0	NW	2.0	S	3.8	1.4	1.2
21	93	98	82	58	62	74	78	SSE	2.5	—	0.0	N	2.7	WNW	7.3	NW	5.5	NNW	5.0	3.8	3.3
22	86	76	58	55	60	89	71	—	0.2	—	0.0	NNW	**7.5**	NW	6.8	NW	5.5	ENE	1.7	3.6	3.9
23	96	86	64	64	83	98	82	NW	1.2	NNW	1.2	S	4.3	SSE	5.8	SE	4.8	ESE	1.3	3.1	2.6
24	96	98	98	88	89	98	95	—	0.0	—	0.0	WSW	1.0	W	1.2	SSE	0.7	ENE	1.0	0.7	0.6
25	97	99	98	93	71	90	91	E	0.8	SE	1.8	—	0.2	ENE	1.3	WNW	3.5	NNE	1.0	1.4	1.6
26	95	92	58	55	66	87	76	N	1.2	NNW	0.8	NNW	1.7	NE	0.8	NNW	1.7	NNE	1.2	1.2	1.3
27	96	92	64	**51**	70	79	75	—	0.2	—	0.0	—	0.5	NEN	3.3	NW	1.5	S	3.7	1.5	1.9
28	91	95	92	97	97	98	95	S	2.0	—	0.0	SSW	2.0	SSE	4.3	—	0.0	—	0.0	1.4	1.3
29	98	96	95	94	96	97	96	SSE	1.5	NNW	1.3	NNW	3.8	NW	4.7	NW	4.3	NNW	3.2	3.1	2.9
30	97	97	88	86	90	94	92	NW	1.5	—	0.0	—	0.5	S	4.0	SE	4.2	SSE	2.8	2.2	2.3
Mean	95	93	82	76	81	91	86		1.3		1.2		2.5		3.7		3.6		2.1	2.4	2.4

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

JUNE, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	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 sc	10 sc	10 sk,sc	10 kc,sc,s	10sk,kc,ck	0 —	8.3	—	—	—	1.0	—	—	1.0
2	—	—	—	—	—	—	10 c,≡	10 s	1 k	1 k	2 kc,k	1 sk	4.2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	10 s	10 n	10 s	10 n	10 n,s	10 s	10.0	—	0.2	0.0	2.6	1.9	1.6	6.3
4	—	S8	—	W7	W7	—	10 s	10 n	10 n	10 sk	5 sk	10 sk	9.2	—	0.2	1.0	0.5	0.0	—	1.7
5	—	—	—	S7	S8	—	10 s	10 s	10 s,sk	10 s,sk	10 s	10 s	10.0	—	—	—	—	—	—	—
6	—	S8	—	—	—	—	10 s	10 n	10 n	10 s	10 sk,s	10 s	10.0	—	0.0	0.3	0.5	—	—	0.8
7	—	—	—	—	—	—	10 sk,s	10 sc,s	10 s,sk	10 n,sk	10 s,sk	10 n	10.0	—	—	1.3	1.7	0.5	0.1	3.6
8	—	—	—	—	SE8	—	10 n	10 n	10 s,sk	10 s	10 sk,s	10 s	10.0	3.0	6.1	6.6	2.6	1.5	0.2	20.0
9	—	N9	—	—	—	—	10 n	10 n	10 n,sk	10 sk,s	9 kc,sk	0 kc	8.2	14.4	**16.3**	1.0	3.9	—	—	**35.6**
10	—	—	—	—	—	—	0 —	1 s,c	2 c,k	10 c,k,ck	10 cs,kc,k	8 sk	5.2	—	—	—	—	—	—	—
11	—	S8	—	S8	S9	—	10 sk,kc	10 sk,s	10 sk,s	10 s,sk	10 n	10 n	10.0	—	—	—	—	0.0	3.9	3.9
12	—	—	—	W8	W7	—	10 n	10 n,sk	10 kc,sk	10 sk,cs,k	10 sk	10 sk	10.0	1.8	6.8	0.1	—	0.1	0.7	9.5
13	—	—	—	—	S8	—	10 sk	10 s	10 n	10 n	10 s,n	10 s	10.0	—	—	0.7	3.0	0.5	—	4.2
14	—	—	—	—	—	—	10 s	10 s,sk	10 s,sk	10 sk,s	10 sk,s	10 s	10.0	0.4	0.2	—	—	—	—	0.6
15	—	—	—	—	—	—	10 s	10 s	10 s,sk	10 n,sk	10 n	10 n	10.0	—	—	0.0	0.0	1.1	1.8	2.9
16	—	—	—	—	—	—	10 s	10 sc,sk,s	10 n	10 n	10 n	10 s	10.0	0.3	—	4.2	2.8	1.3	0.3	8.9
17	—	—	—	—	—	—	10 s	10 s	10 s,sk	10 sk,c	0 k,kc	0 kc	6.7	—	—	—	—	—	—	—
18	—	—	S9	S8	S7	—	10 s	10 s,kc	5 sk	3 sk,k	9 sk	7 sk	5.7	—	—	—	—	—	—	—
19	—	S7	—	—	—	—	10 s	10 sk	9 c,k	2 kc,k	3 ck,c,k	0 k	5.7	—	—	—	—	—	—	—
20	—	—	S7	—	—	—	10 sc	10 sc	10 sk,sc	10 n	10 s,sk	10 n	10.0	—	—	—	1.5	3.2	9.5	14.2
21	—	—	W7	—	—	—	10 s	10 n	9 sk,k	1 k,c	0 c,k	0 —	5.0	0.1	2.2	0.3	—	—	—	2.6
22	—	—	—	—	—	—	0 k	5 c,k	6 c,cs,k	2 c,k	1 c,k	0 —	2.3	—	—	—	—	—	—	—
23	—	—	—	S7	—	—	2 c	10 c,cs	10 cs,k	10 cs,sk	10 s	10 n	8.7	—	—	—	—	—	4.0	4.0
24	—	—	—	—	W8	—	10 n	10 n	10 s	10 s	10 sk	10 n	10.0	5.6	1.2	0.3	0.2	0.0	0.0	7.3
25	—	—	—	W7	—	—	10 s,sk	10 n	10 n	10 sk,s	7 c,k	1 k	8.0	0.6	1.0	4.0	3.6	—	—	9.2
26	—	—	W7	W7	—	—	1 kc	6 c,k	3 sk,s	10 sk	2 sk	0 —	3.7	—	—	—	—	—	—	—
27	—	—	—	—	—	—	0 sk	2 c,sk	1 k	6 k,c	8 sk,cs	10 sc,cs	4.5	—	—	—	—	—	—	—
28	—	—	—	—	—	—	10sc,cs	10sc,cs,sk	10 s	10 n	10 n	10 n	10.0	—	—	1.0	3.1	8.2	7.6	19.9
29	—	—	—	—	—	—	10 n	10 n	10 n	10 n	10 n	10 n	10.0	5.1	7.5	4.4	2.9	1.8	4.6	26.3
30	—	—	—	S7	—	—	10 n	10 n	10 s,sk	10 s	10 s	10 s	10.0	2.6	3.2	1.2	—	—	—	7.0
							8.1	9.1	8.5	8.5	7.9	6.9	8.2	33.9	44.9	26.4	29.9	20.1	34.3	189.5

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	0.82	(2.0)	0.5	⌓^{1},∞^{0}a,p.●^{0}11^{h}16—13^{h}30.
2	9.61	(5.3)	1.6	⌓^{1},∞^{0}a.∞^{0}p.≡^{3}0^{h}30—4^{h}50.
3	—	(1.3)	0.8	⌓^{0}a.≡:^{0}3^{h}50—≡:^{1}5^{h}08—●^{0}5^{h}38—≡:^{0}6^{h}12—6^{h}49.●^{0}10^{h}25—●^{1}10^{h}28—●^{0}10^{h}38..●^{1}12^{h}50—●^{0}13^{h}02—*
4	1.13	(2.4)	0.9	●^{0}4^{h}10..11^{h}00,14^{h}49..14^{h}54. *—●^{0}—14^{h}20..●^{1}16^{h}15.┬^{0}W16^{h}16.—●^{0}16^{h}30..●^{1}18^{h}58—●^{0}19^{h}10—20^{h}20.
5	0.14	(1.7)	0.6	—
6	—	(1.1)	0.5	≡:^{0}5^{h}00—≡:^{1}6^{h}55—●^{0}9^{h}38—≡:^{0}11^{h}47—12^{h}33.
7	—	(0.7)	0.5	●^{0}6^{h}23..14^{h}55,18^{h}11.. **—9^{h}46●^{0}11^{h}08..●^{1}15^{h}31—●^{0}15^{h}37—15^{h}52,20^{h}55—21^{h}24,23^{h}10—●^{1}23^{h}50—
8	—	(3.2)	0.5	◯^{0}p...●^{0}...●^{1}0^{h}20—●^{0}1^{h}32—●^{1}2^{h}23—●^{0}2^{h}58—●^{1}3^{h}55—●^{0}5^{h}05—●^{1}7^{h}15—●^{0}8^{h}00—9^{h}04,9^{h}26**
9	0.33	(3.3)	1.1	◯^{0}a,p.—●^{1}—●^{0}1^{h}51—●^{1}2^{h}27—●^{0}6^{h}22—13^{h}05.
10	12.28	5.3	1.8	◯^{1}a.◯^{0}p.
11	—	(3.1)	0.9	⌓^{0}a.●^{0}17^{h}05—●^{1}21^{h}20—●^{0}21^{h}58—
12	1.26	(2.7)	1.1	◯^{0}a,p.—●^{0}—●^{1}2^{h}25—●^{0}3^{h}57—8^{h}16,16^{h}20—16^{h}32,18^{h}16—20^{h}00.
13	—	(1.2)	0.3	≡:^{0}6^{h}43—●^{0}8^{h}45—≡:^{0}9^{h}13—●^{0}11^{h}10—≡:^{0}14^{h}20—14^{h}45.●^{0}15^{h}10—16^{h}50,22^{h}35—
14	—	2.5	1.1	—●^{0}—0^{h}50,≡:^{1}3^{h}30—5^{h}35
15	—	(0.5)	0.3	≡:^{0}9^{h}10—9^{h}30.●^{0}13^{h}45—.
16	—	(1.0)	0.5	—●^{0}—1^{h}30,6^{h}55—19^{h}40.
17	5.77	3.5	0.7	⌓^{0}p.
18	7.82	5.5	1.6	⌓^{0},∞^{0}a.◯^{3},⌓^{0}p.
19	9.20	4.6	1.3	◯^{0}a.p. ***●^{1}18^{h}13—●^{0}18^{h}25—●^{1}18^{h}30—●^{0}19^{h}50—●^{1}21^{h}00—●^{0}22^{h}20—22^{h}55.
20	—	(1.8)	0.5	⌓^{0}a.●^{0}12^{h}45—13^{h}20,13^{h}50—●^{1}13^{h}57—●^{0}14^{h}20—●^{1}14^{h}35—●^{0}14^{h}55—15^{h}50.16^{h}50—≡:^{0}17^{h}30—17^{h}40.***
21	5.60	5.7	2.3	◯^{2}p.●^{0}2^{h}10—●^{1}3^{h}55—●^{0}4^{h}50—6^{h}40.
22	13.15	7.0	2.5	⌓^{1},◯^{2}a.◯^{2},⌓^{0}p.
23	7.50	(3.1)	1.3	⌓^{1},◯^{2}a.◯^{2}p.●^{0}18^{h}05—
24	—	(1.7)	0.3	—●^{1}—≡:^{1}4^{h}40—●^{0}9^{h}42—9^{h}49,12^{h}42—13^{h}38,14^{h}06—14^{h}15,21^{h}48—
25	1.76	(2.9)	1.0	◯^{1},⌓^{0}p.—●^{0}—1^{h}17,2^{h}58—7^{h}13,8^{h}10—●^{1}9^{h}02—●^{0}9^{h}28—●^{1}10^{h}28—●^{0}11^{h}15—12^{h}55
26	8.03	4.6	3.2	⌓^{1},◯^{0}a.◯^{1},⌓^{1}p.
27	11.95	(6.2)	2.3	⌓^{1},◯^{1}a.◯^{2},⊕^{0}p.
28	—	(0.9)	0.4	⌓^{0}a.●^{0}9^{h}04—9^{h}53,11^{h}48—
29	—	(0.0)	0.3	—●^{0}—
30	—	2.9	0.7	—●^{0}—≡:^{0}8^{h}39—8^{h}56.
Mean	3.21	4.6	1.0	

JULY, 1947.

International Seismological Centre

Day	AIR PRESSUE (700 mm+)*							AIR TEMPERATURE °C										TENSION OF THE 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	57.2	58.2	58.8	58.0	57.9	57.7	58.0	13.6	14.6	17.9	18.8	17.3	17.3	16.6	20.2	**13.4**	16.8	6.8	**11.0**	11.3	12.1	12.7	13.2	14.2	12.4
2	56.1	55.9	55.8	54.4	55.0	56.4	55.6	16.7	17.3	22.7	26.1	22.8	20.0	20.9	26.5	16.6	21.6	9.9	14.0	14.3	15.7	15.4	14.7	14.3	14.7
3	55.6	56.3	56.5	55.5	56.1	56.9	56.2	17.4	17.9	22.6	24.8	21.5	18.9	20.5	25.8	15.8	20.8	10.0	13.7	14.0	13.6	13.1	15.4	14.8	14.1
4	56.2	56.3	55.8	54.6	54.0	54.4	55.2	18.3	18.5	23.1	24.7	21.2	20.4	21.0	25.0	18.2	21.6	6.8	15.4	15.3	15.4	16.2	16.7	17.0	16.0
5	53.2	52.3	51.2	50.0	50.2	50.7	51.3	20.1	20.1	23.5	25.6	24.0	22.2	22.6	26.0	19.9	23.0	6.1	17.1	16.9	18.1	19.7	20.4	17.2	18.2
6	50.3	51.1	50.7	50.0	50.4	50.9	50.6	20.3	19.7	24.7	27.1	25.5	21.1	23.1	27.6	18.3	23.0	9.3	15.3	16.3	16.6	16.0	17.5	17.2	16.5
7	51.0	51.8	52.2	51.6	51.7	52.3	51.8	21.6	21.8	26.5	26.3	25.2	21.9	23.9	28.1	20.7	24.4	7.4	15.8	17.2	18.7	18.5	18.7	18.7	17.9
8	51.6	52.4	51.3	49.8	50.1	50.0	50.9	22.0	21.6	25.2	27.9	25.7	23.2	24.3	28.6	21.5	25.1	7.1	19.0	18.8	19.8	21.8	20.6	20.0	20.0
9	49.5	49.5	48.6	47.3	47.6	47.6	48.4	21.5	21.8	28.9	32.2	28.5	24.5	26.2	32.6	20.5	26.6	12.1	18.8	19.0	20.5	17.0	19.2	18.7	18.9
10	46.8	47.1	**46.6**	47.5	49.1	50.8	48.0	20.1	19.7	20.9	25.2	24.3	20.8	21.8	27.0	19.4	23.2	7.6	16.7	17.0	17.7	17.8	16.7	15.6	16.9
11	50.3	52.1	54.0	55.1	56.2	58.4	54.4	19.1	18.3	18.1	18.4	19.4	15.3	18.1	21.0	14.9	18.0	6.1	15.9	15.1	14.0	13.5	12.9	12.0	13.9
12	58.7	60.0	60.2	59.0	58.8	**60.4**	59.5	14.4	14.5	18.1	21.7	19.1	15.5	17.2	22.3	14.0	18.2	8.3	11.7	11.5	12.5	12.5	12.8	11.7	12.1
13	59.8	59.8	59.4	58.2	57.8	58.8	59.0	14.1	15.4	20.4	25.6	22.0	18.6	19.4	25.8	13.6	19.7	12.2	11.4	11.7	12.2	14.2	16.1	14.8	13.4
14	58.8	58.7	58.0	56.3	56.2	58.0	57.7	17.7	17.9	21.5	29.5	25.6	19.7	22.0	30.0	17.6	23.8	12.4	14.5	14.4	15.0	15.4	20.3	15.7	15.9
15	57.1	57.7	56.6	55.2	55.1	56.2	56.3	17.0	17.9	24.4	29.6	25.7	19.9	22.4	30.2	15.2	22.7	15.0	14.0	13.7	15.7	17.2	17.3	15.0	15.5
16	55.6	55.9	54.6	53.1	53.1	54.6	54.5	16.9	17.9	25.7	31.3	25.1	20.8	23.0	31.6	16.2	23.9	**15.4**	13.5	12.4	16.2	19.1	15.9	17.3	15.7
17	55.0	55.0	54.4	52.8	53.4	54.8	54.2	20.0	18.9	26.5	31.7	27.3	22.2	24.4	32.6	18.7	25.7	13.9	16.6	16.2	18.5	18.0	21.4	17.4	18.0
18	55.2	55.6	55.2	54.0	54.1	55.0	54.9	20.0	21.1	27.7	30.5	25.9	23.7	24.8	30.7	20.0	25.4	10.7	17.2	18.4	18.6	18.7	20.0	20.0	18.8
19	54.4	55.1	54.7	53.3	53.0	53.4	54.0	22.6	22.6	27.5	27.8	26.2	23.9	25.1	29.2	22.5	25.9	6.7	19.5	19.5	19.8	20.8	20.6	19.6	20.0
20	53.2	53.1	53.3	53.0	53.3	54.7	53.4	22.5	22.9	26.9	23.9	25.1	23.6	24.2	29.9	22.3	26.1	7.6	19.4	19.7	20.5	20.9	21.1	20.7	20.4
21	54.2	54.9	54.3	52.8	52.6	52.8	53.6	22.1	22.1	25.9	32.5	27.3	25.1	25.8	**32.9**	21.9	27.4	11.0	19.5	19.5	21.5	22.9	**24.4**	22.3	21.7
22	51.2	51.5	51.2	50.9	50.7	50.8	51.1	23.9	24.1	23.9	24.9	24.9	23.7	24.2	26.2	22.7	24.5	3.5	21.3	21.2	21.8	21.8	22.2	21.1	21.6
23	50.0	50.4	49.3	49.2	49.2	49.1	49.5	22.1	20.3	21.1	21.1	21.1	21.1	21.1	22.9	20.1	21.5	**2.8**	19.5	17.7	18.4	18.4	18.4	18.4	18.5
24	47.6	48.2	48.5	48.7	49.8	50.7	48.9	21.1	21.7	23.3	27.1	25.4	21.9	23.4	27.2	20.8	24.0	6.4	18.4	19.1	20.6	23.0	21.3	18.9	20.2
25	50.9	52.3	51.9	51.8	52.4	54.0	52.2	20.3	21.8	27.7	30.8	26.0	23.3	25.0	32.0	20.4	26.2	11.6	17.5	19.0	18.6	19.7	19.7	18.9	18.9
26	53.8	53.8	53.6	52.7	51.9	51.9	53.0	22.4	22.6	24.7	25.1	25.3	23.9	24.0	27.0	22.4	24.7	4.6	18.9	19.3	20.2	22.0	21.4	21.3	20.5
27	50.8	52.1	52.7	51.6	51.2	50.5	51.5	22.9	23.3	28.8	29.0	27.7	25.4	26.2	31.1	22.8	27.0	8.3	20.5	21.0	21.0	20.7	22.9	22.2	21.4
28	48.0	47.7	48.3	48.8	49.6	51.8	49.0	24.3	24.4	24.1	27.3	24.6	20.1	24.1	28.2	19.9	24.1	8.3	21.2	20.7	20.7	17.5	15.2	15.1	18.4
29	50.6	51.4	50.9	50.2	50.7	51.0	50.8	18.8	18.8	21.9	22.7	19.1	18.8	20.0	23.2	16.9	20.1	6.3	15.0	15.4	16.5	17.4	15.7	15.6	15.9
30	50.1	51.0	51.2	50.0	49.8	50.6	50.5	18.6	18.4	19.9	21.1	21.7	20.9	20.1	22.1	18.2	20.2	3.9	15.7	15.5	16.5	17.8	18.3	17.6	16.9
31	50.5	51.8	53.0	52.4	53.3	54.7	52.6	20.7	21.1	23.2	26.9	26.0	23.8	23.6	27.6	20.6	24.1	7.0	17.9	18.4	19.8	21.3	20.8	21.0	19.9
Mean	53.0	53.5	53.3	52.5	52.7	53.5	53.1	19.8	20.0	23.8	26.4	24.1	21.3	22.6	27.5	18.9	23.2	8.6	16.6	16.8	17.6	18.1	18.4	17.6	17.5

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h.
1	95	91	79	79	85	96	88	SSE	1.7	SE	2.0	SSE	3.2	S	4.2	S	2.0	SSE	1.2	2.4	2.4
2	99	98	77	62	72	82	82	—	0.2	WNW	1.0	NNW	0.7	NNW	3.5	NNW	4.3	N	2.0	2.0	1.9
3	93	92	66	56	81	91	80	NNE	1.0	—	0.2	NNW	2.5	NNW	0.8	S	5.0	SSE	3.3	2.1	2.6
4	99	97	73	70	89	96	87	SSE	2.0	SE	1.5	NNE	1.7	SE	5.5	SSE	5.5	SSE	3.2	3.2	3.2
5	98	97	84	81	92	87	90	—	0.0	—	0.2	S	3.7	—	0.3	—	0.0	N	1.0	0.9	1.1
6	86	96	72	60	72	92	80	NNE	1.7	—	0.3	E	0.8	—	0.5	NNE	0.8	—	0.5	0.8	1.1
7	83	89	73	73	79	96	82	N	0.7	—	0.0	NNW	3.0	NW	4.8	NNW	1.5	—	0.5	1.8	1.6
8	97	98	83	78	84	95	89	E	1.0	—	0.5	SSE	5.2	SSE	5.0	S	2.8	SSE	1.3	2.6	2.4
9	99	98	69	48	66	82	77	—	0.5	ENE	2.3	ESE	2.7	WSW	5.2	WSW	2.0	NNW	2.0	2.5	2.6
10	96	100	97	74	74	85	88	NNE	3.3	S	1.7	—	0.0	—	0.5	NW	2.3	E	1.0	1.5	1.5
11	97	97	91	86	77	93	90	SSE	2.3	SSE	4.3	NW	2.3	NNW	3.0	NW	2.3	S	4.2	3.1	2.7
12	96	94	81	65	78	89	84	S	2.0	SW	1.0	SSE	1.0	S	3.3	SSE	5.0	SE	3.7	2.7	2.9
13	95	90	68	58	82	93	81	SE	0.8	—	0.5	—	0.0	S	3.7	S	5.2	SE	3.7	2.3	2.5
14	96	94	79	51	83	92	83	—	0.0	—	0.5	NW	0.7	SSE	1.7	SSE	3.3	SSE	3.8	1.7	1.5
15	98	90	69	56	71	87	79	SSE	0.7	—	0.0	W	0.7	S	3.5	SSE	3.7	SE	3.0	1.9	2.5
16	94	81	66	56	67	95	77	—	0.3	—	0.2	NNW	0.7	S	4.2	SSE	5.2	SSE	3.2	2.3	1.8
17	96	100	72	52	79	88	81	—	0.5	—	0.3	—	0.5	NW	1.7	SSE	4.7	S	1.0	1.5	1.6
18	99	99	67	58	81	92	83	—	0.0	—	0.0	N	2.5	S	5.0	SSE	5.3	S	3.2	2.7	2.6
19	96	96	72	75	82	89	85	S	1.5	SSE	2.2	SSE	4.7	S	4.2	SSE	3.3	S	3.8	3.3	3.3
20	96	95	78	95	89	96	92	S	3.7	S	2.2	SW	1.0	SE	2.0	SSE	1.2	SSE	1.7	2.0	2.3
21	99	99	87	63	91	94	89	—	0.0	—	0.0	—	0.5	SE	1.5	NE	2.2	SE	0.8	0.8	0.7
22	97	95	99	93	95	97	96	SE	1.2	NNE	0.7	SE	5.2	SSE	4.3	SSE	1.5	SE	2.8	2.6	2.4
23	99	100	99	99	99	99	99	S	3.7	WSW	2.5	SE	0.7	SSE	1.3	SE	1.2	—	0.3	1.6	1.5
24	99	99	97	86	88	97	94	ESE	1.3	SE	3.3	SSE	1.8	SE	1.0	—	0.2	—	0.2	1.3	1.7
25	99	98	67	60	79	89	82	—	0.0	E	0.7	—	0.2	NW	0.7	SE	4.8	SSE	3.8	1.7	1.7
26	94	95	87	93	89	97	93	SSE	1.5	SSE	2.7	SSE	3.5	SSE	4.8	SSE	6.0	SSE	5.2	4.0	3.6
27	99	99	71	69	83	92	86	—	0.2	ESE	1.3	W	1.5	N	1.3	N	0.8	—	0.2	0.9	1.4
28	94	91	93	65	66	86	83	—	0.5	SSE	5.5	—	0.3	WNW	**6.5**	NNW	2.5	NNW	1.7	2.8	2.9
29	93	95	85	85	96	97	92	NNW	2.7	N	0.8	ENE	1.0	SSE	0.7	WSW	1.8	—	0.0	1.2	1.0
30	99	99	96	96	95	96	97	—	0.0	SW	1.2	S	1.2	S	2.3	SSE	2.7	SSE	2.2	1.6	1.6
31	99	99	94	81	83	96	92	S	2.0	S	1.3	—	0.5	N	1.5	NNE	1.5	WNW	1.5	1.4	1.3
Mean	96	96	80	72	82	92	86		1.2		1.3		1.7		2.9		2.9		2.1	2.0	2.1

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

JULY, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	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 s	10 s,cs	10 sk,s	10 s,sk	10 n	10 n	10.0	—	—	—	—	0.0	0.6	0.6
2	—	—	W4	—	W7	—	10 n	10 s,sk	8 kc,sk,k	7 sk,cs,k	8 sk,kc	2 sk	7.5	1.8	0.9	—	—	—	—	2.7
3	—	W4	—	—	—	—	2 c	9 kc,sk	8 sk,k	9 k,sk	8 k,sk,n	10 s	7.7	—	—	—	—	—	—	—
4	—	—	—	S7	—	—	10 s	10 s	10 sk,cs	10 cs,sk	10 s	10 s	10.0	—	—	—	—	—	—	—
5	—	—	—	—	W8	—	10 s	10 s	10 s,sk	10 n	10 sk,s	10 sk	10.0	—	0.2	—	—	1.1	—	1.3
6	—	—	—	—	W8	—	10 c,ck	10 ck,sc	10 sc,sk	10 sc,sk	10 cs,sk	10 sk,sc	10.0	—	—	—	—	—	0.0	0.0
7	—	—	—	—	—	—	10 sc,sk	10sc,sk,kc	10 sk,ck	10 sk,kc	10 sc,ck,k	10 sc,sk	10.0	—	—	—	—	—	—	—
8	—	—	S9	WSW7	W8	—	10 sk,sc,n	10 sc,n,ck	10 sk,kc	10 sk	10 sk	10 sk	10.0	—	0.6	0.0	0.0	0.2	—	0.8
9	—	—	—	W7	—	—	10 kc,sk	10 cs,sk,s	7 k,ck	7 k,c,ck	9 c,ck	10 n	8.8	—	0.1	—	—	—	1.2	1.3
10	—	—	—	W8	W7	—	10 n	10 n,sc	10 n	9 sk	7 sk	0 —	7.7	22.8	13.8	1.9	0.2	—	—	38.7
11	—SW8		—	—	—	—	10 sk	10 sk,s	10 s,n	10 s,sk	10 sk	10 s	10.0	—	0.3	0.3	0.0	—	—	0.6
12	—	—	W7	—	—	—	10 s	10 s	10 sk	1 sk	1 sk	10 s	7.0	—	—	—	—	—	—	—
13	—	—	—	—	—	—	0 sk	10 sk,s	0 —	0 —	0 c	10 sc	3.3	—	—	—	—	—	—	—
14	—	—	—	—	—	—	10 s	10 s	8 s,cs	4 cs,k	6 cs	3 sk	6.8	—	—	—	—	—	—	—
15	—	—	—	—	—	—	0 —	8 cs,s	0 c,k	0 c	2 ck,c	0 —	1.7	—	—	—	—	—	—	—
16	—	—	—	—	—	—	0 —	0 s	0 sk	1 sk	7 cs,sk	0 —	1.3	—	—	—	—	—	—	—
17	—	—	—	—	—	—	10 s	10 ≡	0 —	2 k	2 c,k	0 —	4.0	—	—	—	—	—	—	—
18	—	—	—	—	—	—	0 —	10 ≡	2 c,k	0 k	1 c,k	10 s	3.8	—	—	—	—	—	—	—
19	—	—	S8	S8	W8	—	10 s	10 s	9 k	10 sk,k	10 sk,s	10 sc	9.8	—	—	—	—	—	—	—
20	—	—	—	—	S8	—	10 s	10 s	10 cs,sk	10 sk	10 sk	9 sk	9.8	—	—	—	30.9	1.4	—	32.3
21	—	—	—	—	W8	—	10 s	10 ≡	10 c,ck,k	10 c,ck,k	10sc,sk,cs	10 sk	10.0	—	—	—	—	—	0.0	0.0
22	—	W8	—	—	—	—	10 sk	10 n	10 n	10 s,sk	10 sc,sk,s	10 n	10.0	—	—	29.4	10.8	0.2	1.5	41.9
23	—	—	—	—	—	—	10 n	10 n	10 n	10 n	10 n	10 s	10.0	39.0	**70.9**	22.5	6.5	35.4	3.3	**177.6**
24	—	—	—	—	NE7	—	10 n	10 n	10 s	10 sk,n	8 kc,sk	0 sk	8.0	0.4	40.1	3.9	—	0.2	—	44.6
25	—	—	—	—	—	—	5 sk	7 sk,kc	7 k	3 k,c	3 sk,kc,k	10 sk	5.8	—	—	—	—	—	—	—
26	—	—	—	—	W8	—	10 s	10 s	10 s	10 n	10 sk,cs	10 s	10.0	—	—	—	0.8	0.0	—	0.8
27	—	W9	—	—	—	—	3 sk	10 n,sk	7 c,kc,sk	10 k,ck,cs	10 ck,cs,k	8 ck,sc	8.0	—	15.3	—	—	—	—	15.3
28	—	W8	—	W8	—	—	8 s	10 sk,sc	10 n,sk	5 sk,k	6 ck,sk	10 cs	8.2	—	0.0	3.0	0.0	—	—	3.0
29	—	—	—	—	—	—	3 sk	10 cs,ck	10 sc	10 n	10 n	10 sc	8.8	—	—	—	0.2	11.8	0.4	12.4
30	—	—	—	—	S9	—	10 n	10 n	10 n	10 n	10 s,cs	10 s	10.0	4.3	9.5	0.3	0.2	—	—	14.3
31	—	—	—	W8	—	—	10 s	10 s	10 n,kn	10 sk	10 sc,sk	10 sc,sk	10.0	—	3.4	4.8	2.6	—	—	10.8
							7.8	9.5	7.9	7.4	7.7	7.8	8.0	68.3	155.1	66.1	52.2	50.3	7.0	399.0

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	0.10	(2.6)	0.6	≡:^{0}16^{h}35—●^{0}20^{h}20—≡:^{0}21^{h}10—
2	6.63	6.1	1.9	○ $^{0}a,p.$—≡:^{0}—●^{0}0^{h}55—≡:^{1}1^{h}45—●^{0}2^{h}10—3^{h}15.
3	9.46	5.9	1.6	◬^{1}, ○ $^{0}a.$ ○ $^{1}p.$
4	4.81	(4.6)	1.2	∽$^{0}p.$
5	0.17	(2.0)	0.7	○ $^{0}p.$●^{0}4^{h}30—5^{h}26,14^{h}03—15^{h}35.
6	1.20	3.9	1.4	◬^{0}, ○ $^{1}a.$ ○ $^{1}p.$●^{0}20^{h}22—20^{h}24.
7	2.10	(4.2)	1.3	○ $^{1}a,$ ○ $^{2}p.$
8	2.24	(3.9)	2.3	○ ^{0},∽$^{0}a.$●^{0}2^{h}50—4^{h}50,6^{h}02..8^{h}05,12^{h}02—12^{h}04,14^{h}26—14^{h}47. +—●^{1}22^{h}40—●^{2}22^{h}52—●^{0}23^{h}03—
9	8.95	(7.6)	2.0	◬^{1},∽$^{0}a.$ ○ ^{0},∽$^{0}p.$●^{0}5^{h}20—5^{h}32,21^{h}13—21^{h}20 ●^{1}22^{h}00—●^{2}22^{h}13—.↙^{0}SW22^{h}27—↙^{0}SSW22^{h}34—22^{h}51.+
10	2.92	(3.0)	0.9	○ $^{0}p.$—●^{0}—●^{1}1^{h}03—●^{2}1^{h}43—●^{1}1^{h}53—●^{0}6^{h}31..8^{h}46,9^{h}43—10^{h}18,11^{h}30—11^{h}37.
11	—	1.9	0.5	○ $^{0}p.$●^{0}4^{h}40—5^{h}30,6^{h}44—7^{h}30.8^{h}47—9^{h}33,10^{h}15..10^{h}25.≡:^{0}14^{h}10—14^{h}25,16^{h}00—16^{h}15.
12	7.04	6.0	1.4	○ $^{2}p.$≡:6^{h}35—7^{h}40.
13	11.68	5.5	1.4	◬^{1}, ○ ^{0},∽$^{0}a.$ ○ ^{1},∽$^{0}p.$
14	7.65	6.4	1.5	∽$^{0}a,p.$
15	12.20	7.1	2.0	◬^{1},∽$^{0}a.$∽$^{0}p.$
16	10.50	6.7	1.9	◬^{1},∽$^{0}a.$∽$^{0}p.$
17	9.32	6.7	1.6	∽$^{0}a.$∽^{0},◬$^{0}p.$≡^{3}3^{h}50—≡^{4}5^{h}25—≡^{3}6^{h}43—≡^{2}7^{h}06—7^{h}30.┬^{0}W16^{h}10.
18	9.52	7.5	2.2	∽$^{0}a,p.$≡^{4}3^{h}00—≡^{2}7^{h}40—8^{h}20.
19	4.52	4.9	1.6	∽$^{0}a,p.$
20	1.88	(7.3)	0.7	∽$^{0}a.$┬^{0}W11^{h}46—,●^{0}11^{h}55—●^{1}12^{h}00—,—┬^{0}Z12^{h}01—,—●^{2}12^{h}03—●^{0}12^{h}52—,—┬^{0}—13^{h}06.—●^{0}13^{h}33.* *●^{0}15^{h}36—●^{1}15^{h}48—●^{0}15^{h}52—16^{h}10.◔^{0}6^{h}15^{m}26^{s}
21	6.30	(7.1)	1.1	○ $^{0}p.$≡^{3}4^{h}20—≡^{4}4^{h}55—≡^{3}6^{h}40—≡^{2}7^{h}24—8^{h}15.●^{0}18^{h}55..20^{h}20.
22	0.36	(0.0)	0.3	●^{0}6^{h}05–,┬^{0}SSE6^{h}36.–●^{1}6^{h}45–●^{0}6^{h}53–┬.^{0}S7^{h}02.–●^{2}8^{h}58–●^{1}9^{h}11–●^{2}9^{h}35–●^{1}10^{h}08–●^{0}10^{h}15–10^{h}25.10^{h}38—** ***●^{0}19^{h}03–20^{h}10.22^{h}37..
23	—	(0.3)	0.1	—●^{0}—●^{2}0^{h}05—●^{1}5^{h}56—●^{0}8^{h}45—●^{1}9^{h}08—●^{0}10^{h}40—●^{1}12^{h}33—●^{2}15^{h}00—●^{1}15^{h}45—●^{2}16^{h}20—●^{1}18^{h}15—***
24	0.22	(3.4)	0.5	○ ^{2},◬$^{1}p.$..●^{0}..2^{h}00—●^{1}2^{h}55—●^{2}3^{h}43—●^{1}5^{h}20—●^{0}6^{h}53—●^{1}7^{h}15—●^{0}7^{h}36—8^{h}14.14^{h}20—14^{h}35,15^{h}47—16^{h}06.
25	12.24	6.3	1.5	◬^{1}, ○ $^{0}a,$ ○ ^{1}p . **●^{1}10^{h}44–●^{2}10^{h}47–11^{h}48.●^{0}12^{h}30–12^{h}41,14^{h}15–14^{h}18,16^{h}38–17^{m}10,19^{h}03–19^{h}22,21^{h}18—
26	1.58	(3.3)	0.9	●^{0}13^{h}48—14^{h}06,14^{h}22—●^{1}14^{h}24—●^{0}14^{h}28—14^{h}35,15^{h}11—15^{h}27.
27	7.76	(4.6)	1.4	◬^{0}, ○ $^{0}a.$ ○ ^{0},◬$^{1}p.$●^{2}2^{h}57—●^{0}4^{h}03—5^{h}59.
28	6.05	5.1	1.6	◬$^{1}a.$ ○ ^{2},◬$^{9}p.$●^{0}3^{h}52..7^{h}02—●^{1}9^{h}00—9^{h}33—10^{h}14.
29	1.11	(1.9)	0.4	◬^{1}, ○ $^{2}a.$●^{0}12^{h}18—●^{1}16^{h}08—●^{0}16^{h}20—●^{1}16^{h}35—●^{0}17^{h}35—21^{h}10.
30	—	(1.0)	0.4	●^{2}1^{h}52—●^{1}2^{h}25—●^{2}3^{h}45—●^{1}4^{h}10—●^{0}5^{h}30..≡:^{0}10^{h}19—14^{h}48. ****–●^{0}10^{h}40–10^{h}45.12^{h}26..13^{h}10
31	1.33	(2.4)	0.5	○ $^{0}p.$●^{0}3^{h}10–4^{h}40.┬^{0}W9^{h}35–┬^{1}WNW9^{h}48–,●^{1}9^{h}52–●^{2}9^{h}58–,–┬^{1}NW10^{h}13–,–●^{2}●^{1}10^{h}22–,–┬^{0}N10^{h}33.****
Mean	4.83	5.7	1.2	

AUGUST, 1947.

International Seismological Centre

Day	AIR PRESSURE (700 mm+)*							AIR TEMPERATURE °C										TENSION OF THE 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	54.6	55.8	56.1	55.3	55.6	54.5	55.3	23.1	23.1	25.3	27.6	26.3	23.4	24.8	29.0	23.1	26.1	5.9	20.8	20.8	21.9	22.7	21.9	20.5	21.4
2	52.4	53.1	53.4	52.2	51.5	51.7	52.4	22.9	23.1	23.3	24.3	24.6	24.3	23.8	25.8	22.6	24.2	3.2	20.7	20.8	21.0	21.6	20.3	19.3	20.6
3	50.6	51.6	51.4	50.3	49.6	49.9	50.6	23.1	22.5	23.9	24.1	24.3	23.9	23.6	25.0	22.5	23.8	**2.5**	19.5	20.0	21.3	21.5	21.2	20.9	20.7
4	48.6	48.7	48.0	48.2	48.0	48.4	48.3	22.3	23.7	29.5	29.1	26.5	24.6	26.0	30.6	22.5	26.6	8.1	19.4	20.0	19.3	19.1	20.8	20.5	19.9
5	47.8	48.7	49.6	49.9	51.1	53.1	50.0	24.5	24.6	28.0	25.1	23.3	20.9	24.4	29.4	20.7	25.1	8.7	20.0	20.7	22.6	21.6	19.3	17.4	20.3
6	53.3	54.9	55.4	54.9	55.6	56.0	55.0	20.3	19.5	21.6	22.6	20.9	19.9	20.8	23.6	19.2	21.4	4.4	17.1	16.6	17.9	16.4	15.7	15.8	16.6
7	54.3	53.8	53.3	51.4	50.4	50.3	52.3	19.4	19.9	22.5	27.6	26.3	23.7	23.2	27.8	19.4	23.6	8.4	16.5	17.1	19.2	21.4	22.3	21.1	19.6
8	50.1	50.9	51.9	52.1	53.1	54.6	52.1	23.0	23.3	28.3	27.3	24.9	21.9	24.8	29.1	20.7	24.9	8.4	20.9	20.6	19.3	19.7	18.4	17.5	19.4
9	54.3	55.3	55.2	54.2	54.0	54.9	54.7	21.3	21.9	24.7	26.9	26.8	24.5	24.4	27.3	20.7	24.0	6.6	18.4	18.5	19.8	21.3	23.5	19.9	20.2
10	54.1	54.6	54.6	54.0	54.6	55.4	54.6	23.7	24.3	30.1	31.0	27.9	27.4	27.4	32.0	23.3	27.7	8.7	20.7	21.4	21.3	20.8	21.1	18.2	20.6
11	54.5	55.7	55.7	55.0	55.6	56.3	55.5	25.8	25.5	30.4	29.9	28.1	26.0	27.6	31.8	23.5	27.7	8.3	19.7	20.8	20.6	21.9	23.0	19.9	21.0
12	56.0	56.7	57.2	56.7	56.8	57.6	56.8	21.8	23.1	29.2	29.7	27.2	24.3	25.9	30.2	21.8	26.0	8.4	19.0	20.3	19.4	20.3	20.6	19.9	19.9
13	57.0	58.6	58.7	57.7	57.8	58.8	58.1	21.8	22.1	29.7	32.3	29.5	23.8	26.5	32.6	21.1	26.9	11.5	19.2	19.1	19.9	21.3	**24.1**	20.4	20.7
14	58.5	58.9	59.1	58.1	58.0	58.0	58.4	20.1	20.8	27.4	31.7	27.8	22.7	25.1	32.7	20.0	26.4	12.7	15.9	18.2	19.2	19.4	21.0	18.8	18.8
15	57.6	57.3	57.1	56.1	55.9	56.0	56.7	20.1	19.4	28.6	32.1	28.3	24.1	25.4	**33.1**	18.3	25.7	**14.8**	16.9	16.4	20.3	21.0	22.6	19.9	19.5
16	54.9	55.1	54.9	54.0	54.8	55.6	54.9	22.1	21.4	30.5	30.9	26.2	23.6	25.8	32.2	20.7	26.5	11.5	18.9	18.5	19.7	18.6	19.8	19.6	19.2
17	55.4	56.2	56.7	55.5	56.0	57.0	56.1	21.7	20.5	26.7	30.1	23.9	22.7	24.3	30.1	19.9	25.0	10.2	18.3	17.3	17.9	20.4	18.0	18.2	18.4
18	55.7	56.0	55.4	55.1	54.9	55.3	55.4	22.5	23.1	27.7	21.4	23.1	21.1	23.2	27.7	20.4	24.1	7.3	18.6	19.1	19.0	17.9	18.9	18.4	18.7
19	54.6	55.3	54.3	52.9	53.0	54.2	54.1	19.9	19.3	25.4	28.5	26.3	22.3	23.6	29.2	18.9	24.1	10.3	17.3	16.4	18.8	17.2	19.3	19.0	18.0
20	53.4	54.0	53.9	53.2	53.1	54.5	53.7	21.0	19.9	26.6	29.4	27.1	23.1	24.5	30.6	19.6	25.1	11.0	17.5	17.1	16.7	18.0	21.6	19.9	18.5
21	54.0	54.8	54.6	53.0	53.2	54.0	53.9	22.4	21.9	25.9	30.7	27.9	24.1	25.5	31.7	21.3	26.5	10.4	19.5	18.9	20.4	19.6	22.5	21.4	20.4
22	54.4	54.9	54.9	53.3	53.8	55.5	54.5	21.1	21.0	27.7	30.6	27.3	22.2	25.0	30.8	20.5	25.7	10.3	17.8	18.5	17.4	17.8	21.2	18.4	18.5
23	55.4	55.6	55.6	54.8	55.3	56.6	55.6	19.3	19.9	26.5	29.9	26.7	24.1	24.4	30.2	18.5	24.4	11.7	16.3	16.3	18.1	17.7	19.8	21.0	18.2
24	56.3	56.8	57.4	55.9	55.2	56.5	56.4	21.4	21.1	27.5	29.7	25.7	23.9	24.9	30.7	20.3	25.5	10.4	18.1	18.0	19.3	20.3	20.4	19.6	19.3
25	54.9	55.0	54.9	52.6	52.8	53.5	54.0	23.7	24.1	29.3	30.5	27.3	25.2	26.7	30.6	23.4	27.0	7.2	20.2	20.5	21.3	22.8	22.8	23.1	21.8
26	51.7	51.9	52.1	51.2	51.9	53.2	52.0	24.5	24.7	29.7	26.6	26.7	22.6	25.8	31.2	21.4	26.3	9.8	22.4	22.2	18.5	21.6	20.2	18.9	20.6
27	53.8	54.8	56.0	56.2	57.1	59.0	56.2	20.9	21.0	27.0	29.3	23.3	21.1	23.8	29.7	19.4	24.6	10.3	17.7	17.7	17.9	17.4	16.9	15.7	17.2
28	59.0	**60.4**	60.3	59.2	59.3	59.4	59.6	20.1	19.3	22.1	22.1	20.9	19.3	20.6	22.9	19.3	21.1	3.6	15.4	15.7	14.9	14.8	15.0	15.9	15.3
29	59.0	59.1	59.0	58.3	57.9	58.3	58.6	19.3	19.2	20.8	22.9	21.1	20.2	20.6	23.4	19.2	21.3	4.2	16.3	16.3	17.3	17.3	16.8	16.8	16.8
30	57.2	57.3	56.6	56.1	56.2	57.0	56.7	20.1	20.3	21.9	19.1	20.8	18.0	20.0	22.3	17.1	19.7	5.2	17.3	17.3	18.3	14.8	16.3	15.1	16.5
31	56.7	56.9	56.6	54.7	54.0	54.9	55.6	16.2	16.3	22.8	27.2	22.5	19.0	20.7	27.8	**15.2**	21.5	12.6	**13.5**	13.4	14.4	14.2	17.6	15.6	14.8
Mean	54.5	55.1	55.2	54.3	54.4	55.2	54.8	21.6	21.6	26.5	27.7	25.5	22.8	24.3	29.1	20.5	24.8	8.6	18.4	18.5	19.1	19.4	20.1	18.9	19.1

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h.
1	99	99	91	83	86	96	92	—	0.0	NNW	1.3	W	0.7	ESE	1.2	SSE	4.8	SE	1.3	1.6	1.4
2	100	99	99	96	88	86	95	E	1.7	SSE	2.0	SE	3.5	E	1.7	SSE	4.0	SSE	2.8	2.6	2.4
3	93	99	97	97	94	95	96	ESE	1.7	SE	1.7	SSE	2.3	SSE	3.0	SSE	2.8	SSE	2.2	2.3	1.7
4	97	92	63	64	81	89	81	SE	1.7	WSW	1.5	SW	**7.2**	SW	4.2	NW	2.0	SE	0.8	2.9	2.8
5	87	90	80	91	91	95	89	SSE	2.2	WNW	1.0	SE	1.7	N	3.3	N	1.5	SSE	3.7	2.2	2.3
6	97	99	94	80	85	91	91	S	1.5	S	1.5	SSE	3.3	SE	3.2	SSE	3.3	S	2.7	2.6	3.0
7	99	99	95	78	88	97	93	S	1.0	—	0.0	—	0.2	SE	4.5	SSE	1.8	—	0.0	1.3	1.2
8	100	97	67	73	79	90	84	—	0.0	—	0.2	NNW	1.0	NNW	3.2	N	1.0	NNW	1.8	1.2	1.6
9	98	95	86	81	90	87	90	—	0.0	SSE	1.7	SE	1.5	W	1.3	—	0.0	SSE	4.0	1.4	1.4
10	95	95	67	62	76	67	77	SE	2.5	—	0.2	SW	1.7	WSW	6.0	NNE	1.0	WSW	3.3	2.5	3.0
11	80	86	64	70	81	80	77	NNE	2.5	—	0.5	—	0.5	W	0.7	ENE	1.2	E	0.7	1.0	1.2
12	98	97	65	65	77	88	82	—	0.5	—	0.2	ENE	1.7	NE	1.2	W	0.8	NE	1.8	1.0	0.9
13	99	97	64	59	79	93	82	ESE	0.8	—	0.0	WNW	0.7	N	0.7	N	1.0	S	0.7	0.7	0.8
14	97	100	71	56	76	92	82	—	0.0	—	0.3	N	2.5	NNW	3.7	NNW	1.3	—	0.2	1.3	1.4
15	97	98	70	59	79	89	82	—	0.2	—	0.0	NNW	0.8	—	0.5	WNW	1.7	WNW	1.0	0.7	0.9
16	96	98	60	56	78	86	79	—	0.5	S	1.0	SE	1.0	WNW	3.8	NW	0.8	—	0.0	1.2	1.1
17	95	97	69	65	82	89	83	ENE	1.2	S	0.8	SE	2.0	SSE	2.0	SE	4.5	SE	3.5	2.3	2.2
18	92	91	69	95	90	99	89	SSE	1.7	SSW	1.7	SSE	3.3	NNE	1.7	—	0.0	SW	1.0	1.6	1.8
19	100	99	78	59	76	95	85	WNW	0.7	WNW	1.0	—	0.0	SSE	1.2	NNW	1.7	—	0.2	0.8	0.9
20	95	99	64	60	81	95	82	—	0.0	NW	2.2	—	0.3	—	0.3	—	0.0	SSE	1.0	0.6	0.9
21	97	97	82	59	81	96	85	—	0.0	—	0.0	—	0.5	—	0.5	S	2.5	SE	1.8	0.9	1.1
22	96	100	63	55	79	93	81	WNW	0.8	—	0.3	—	0.5	NW	4.0	NW	0.8	W	1.2	1.3	1.1
23	98	94	70	56	76	94	81	—	0.3	—	0.0	NW	1.3	NNW	0.8	N	1.5	E	0.7	0.8	1.0
24	96	97	71	65	83	89	84	NW	0.8	—	0.0	SE	1.5	SSE	3.2	SSE	3.7	SSE	3.0	2.0	1.8
25	93	92	70	70	85	97	85	S	2.2	S	0.7	SSE	3.5	SSE	5.2	SE	3.3	SSE	3.7	3.1	3.3
26	98	96	60	84	78	93	85	—	0.0	—	0.0	S	1.8	NW	2.2	W	1.3	—	0.5	1.0	1.5
27	97	96	68	58	80	85	81	—	0.0	—	0.0	W	1.3	S	1.8	SSE	3.1	SSE	2.5	1.5	1.8
28	88	94	76	75	81	96	85	SSW	0.8	—	0.5	S	3.3	SE	4.5	SSE	2.2	SW	0.8	2.0	2.1
29	98	99	95	83	90	96	94	—	0.3	NW	1.3	—	0.5	SSE	2.7	SE	3.0	S	2.2	1.7	1.2
30	99	98	95	90	89	99	95	—	0.0	—	0.0	—	0.2	WNW	4.2	NW	0.8	NW	0.7	1.0	1.1
31	99	98	70	**53**	87	96	84	—	0.0	NW	1.5	WNW	1.2	ESE	0.7	SE	3.2	SE	2.2	1.5	1.6
Mean	96	96	75	71	83	91	85		0.8		0.7		1.7		2.5		2.0		1.7	1.6	1.6

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

METEOROLOGICAL OBSERVATIONS AT MIZUSAWA.

AUGUST, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	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	—	10 n	10 n	10 n,sk	10 kc,sk	10 sk,kc	10 sk	10.0	—	4.8	3.2	0.3	—	0.5	8.8
2	—	—	—	—	W8	—	10 n	10 sk,n	10 n,kn	10 n	10 sk,n	10 sk,n	10.0	11.9	14.6	14.2	6.1	0.0	0.0	46.8
3	—	—	—	—	W9	W8	10 n,sk	10 n	10 n	10 n	10 sk,cs	10 sk,cs	10.0	2.3	7.6	3.7	5.3	2.4	0.0	21.3
4	W9	W9	W8	W9	W8	—	10sk,cs,ck	10 sk,cs	10 sk,cs	10 sk	10 sk,s	7 k,sk	9.5	—	—	—	—	—	0.0	0.0
5	—		W7	W8	W9	—	8 k,sk	10 sk,n	10 sk,n	10 sk,n	10 sk	10 sc,s	9.7	—	0.7	0.0	2.3	0.1	—	3.1
6	—	—	—	—	—	—	10 n	10 n	10 sk,s	10 sc	10 s	10 s	10.0	—	0.5	0.1	—	—	—	0.6
7	—	—	—	—	—	—	10 n	10 n	10 s	7 sk,ck,k	9 n,sk	4 sk, ≡	8.3	0.2	0.4	0.5	—	—	0.0	1.1
8	—	W9	—	W8	W8	—	10 ≡,sk	10 sk	7 k,c	8 sk,c	7 k,sk	1 sk	7.2	—	0.1	—	0.1	—	—	0.2
9	—	—	W7	E7	—	—	10 sk	10 sc,s	10 sk	10 sk,s	2 sk,ck	2 sk	7.3	—	—	—	—	0.1	—	0.1
10	—	W7	W8	W8	W9	—	10 s	10 s,sk,cs	10 k,c	6 k	9 k,kc	7 sk	8.7	—	—	—	—	—	—	—
11	W8	W8	W8	W8	W8	W8	9 k	7 k,ck	3 sk,k,ck	9 sk,c,k	5 sk,ck	8 sk	6.8	—	—	—	0.4	—	—	0.4
12	—	W9	W8	W1	W8	—	5 cs	4 sk,kc	9 k,c	4 k,c	3 k,c	9 sk	5.7	—	—	—	3.8	—	—	3.8
13	—	W8	W8	—	—	—	0 —	2 k,≡	9 sk,cs	8 cs,k	6 c,sk	0 —	4.2	—	—	—	—	—	—	—
14	—	—	—	—	—	—	0 —	10 ≡	8 c,cs,k	9 c,cs,k	7 c,cs	0 —	5.7	—	—	—	—	—	—	—
15	—	—	—	—	—	—	0 —	5 c,≡	5 cs	10 cs	10 cs,sk	3 cs,sk	5.5	—	—	—	—	—	—	—
16	—	—	—	—	W8	—	8 s	10 ≡	0 k	9 c,k	10 sk,cs,c	5 sk	7.0	—	—	—	—	—	—	—
17	—	—	W8	W8	S9	—	10 cs	10 ck,c,cs	10 cs,sk	10 sk,cs	10 sk	10 sk,s	10.0	—	—	—	—	—	—	—
18	—	S8	—	—	—	—	10 sk,s	10 sk,s	10 cs,sk,k	10 n	10 cs,ck,k	9 sk	9.8	—	—	0.0	**19.7**	0.0	—	19.7
19	—	—	—	—	—	—	10 s	10 ≡	5 c,sk	7 kn,sk	4 kn,sk	2 sk	6.3	—	—	—	—	—	—	—
20	—	—	—	—	W7	—	10 sc	10 ≡	1 k,c	2 k	7 c,k,cs	0 k	5.0	—	—	—	—	—	—	—
21	—	—	—	—	W7	—	10 s	10 s	10 s,sk	5 sk,k	8 sk,s,n	9 cs,s	8.7	—	—	—	—	—	—	—
22	—	—	—	—	—	—	0 —	10 ≡	3 kc,ck,k	0 k,c	3 c,ck,k	0 ck	2.7	—	—	—	—	—	—	—
23	—	—	—	W7	W7	—	0 —	7 c,ck	9 sk,ck	10 sk,kn,c	9 sk,kc	10 sk	7.5	—	—	—	—	—	—	—
24	—	—	—	—	S7	—	0 —	8 s,c	9 sk,s	10 k,sk	10 s,sk	9 s,sk	7.7	—	—	—	—	—	—	—
25	—	—	S8	S7	S8	—	10 s	10 s	9 sk	6 sk,kc	6 cs,sk	3 sk	7.3	—	—	—	—	—	—	—
26	—	—	W8	W7	—	—	10 sk	10 sk,s	8 k,c	10 n,k	9 sk,k,kc	2 k	8.2	—	—	—	0.3	0.1	—	0.4
27	—	—	—	—	W7	—	0 k,ck	3 ck,c,k	7 sk,kc	8 sk,kn,c	10 sk,kc	10 sk	6.3	—	—	0.0	—	—	—	0.0
28	—	—	—	—	—	—	10 s	10 s	10 sk	10 s,sk	10 s,sk	10 s	10.0	—	—	—	—	—	—	—
29	—	—	—	—	—	—	10 n	10 n	10 s	10 s,sk	10 n,sk,cs	9 sk,ck	9.8	0.2	0.4	0.4	1.1	—	0.3	2.4
30	—	—	—	—	W7	—	10 s	10 n,s	10 n	10 sc,s	10 sk	10 sk	10.0	—	—	1.4	19.5	—	—	20.9
31	—	—	—	—	—	—	1 sk	9 cs,s	3 cs,sk	9 c,cs,k	8 kc,c	10 cs,s	6.7	—	—	—	—	—	—	—
				7.1	8.9	7.9	8.3	8.1	6.4	7.8	14.6	29.1	23.5	58.9	2.7	0.8	129.6			

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	1.15	(0.0)	1.4	●^{0}2^{h}06..3^{h}00–,┬^{0}NW3^{h}30–,–●^{1}3^{h}40–●^{0}4^{h}35–,–┬^{1}S5^{h}03.–●^{1}6^{h}18–●^{0}7^{h}05–12^{h}22,20^{h}47..21^{h}14–21^{h}36,23^{h}53–
2	—	(1.2)	0.4	–●^{0}–●^{1}0^{h}28–,┐^{0}WNW0^{h}40–┐^{0}W2^{h}47–,–●^{0}2^{h}48–,–┐^{0}S3^{h}00–3^{h}20,–●^{1}4^{h}45–●^{0}5^{h}52–5^{h}56.┬^{0}W6^{h}11.●^{0}6^{h}21–●^{1}6^{h}25*
3	—	(2.1)	0.7	*●^{2}6^{h}30–●^{1}6^{h}36–●^{0}6^{h}42–,┬^{0}N6^{h}44–┬^{0}Z7^{h}51–,–●^{1}8^{h}05–,–┬^{0}N9^{h}00.┐^{0}Z9^{h}41.┬^{1}SE10^{h}18–NW10^{h}25.●^{0}10^{h}40–●^{1}*
4	3.58	(3.5)	1.8	●^{1}1^{h}50–●^{0}2^{h}03–●^{1}2^{h}30–●^{0}2^{h}35–●^{1}5^{h}08–●^{0}5^{h}25–●^{1}6^{h}05–●^{0}6^{h}27–●^{1}9^{h}38–●^{0}9^{h}42–10^{h}24,12^{h}13–●^{1}12^{h}56–●^{0}13^{h}**
5	2.92	(2.8)	0.9	◐^{0}p.●^{0}18^{h}25..20^{h}43. *11^{h}40–●^{0}11^{h}44–●^{1}12^{h}55–●^{0}13^{h}03–●^{2}13^{h}10–,┬^{0}NW^{1}13^{h}12–13^{h}25.–●^{0}13^{h}28–14^{h}20..*
6	0.30	(2.4)	0.8	◐^{0}a,p.●^{0}5^{h}20–6^{h}12,10^{h}10–10^{h}15,11^{h}00–11^{h}08,13^{h}42–●^{2}13^{h}45–●^{0}14^{h}49–15^{h}03,16^{h}16..17^{h}32. *18^{h}20.22^{h}06–*
7	1.86	(4.3)	0.9	≡^{0}1^{h}57—●^{0}5^{h}33– ≡^{0}6^{h}30-- 8^{h}50. *●^{1}22^{h}30–23^{h}05.
8	9.23	(4.6)	1.2	⌒^{0}p.≡^{1}0^{2}10–7^{h}38.●^{0}20^{h}17–20^{h}20.≡^{1}21^{h}59—≡^{2}22^{h}10— **28–15^{h}00,17^{h}41..18^{h}08.
9	0.79	(3.4)	0.9	◐^{0}a.◐^{1},⌓^{1}p.—≡^{2}—2^{h}37.●^{0}4^{h}46—5^{h}00,11^{h}31—11^{h}36.
10	7.74	6.4	2.3	⌓^{1}a.≡^{0}6^{h}28—6^{h}47.●^{0}14^{h}27—14^{h}41.
11	8.28	(5.4)	1.6	◐^{0}a.
12	7.57	(4.4)	1.3	◐^{0}a,p.●^{0}12^{h}38—12^{h}41,13^{h}30—13^{h}37.
13	11.66	6.1	1.7	⌓^{1}, ◐^{0}a.◐^{0},⌓^{0}p.●^{0}11^{h}17—●^{1}11^{h}28—●^{2}11^{h}36—●^{0}11^{h}39—11^{h}52,13^{h}05—13^{h}08.
14	10.00	6.4	1.7	⌓^{1}, ◐^{0}a.◐^{2},⌓^{1}p.
15	10.51	6.4	1.7	⌓^{1}, ◐^{0}a, ◐^{2},⌓^{1}p.≡^{2}2^{h}30—≡^{3}2^{h}43—≡^{2}7^{h}18—≡^{1}7^{h}58—8^{h}10.
16	9.35	5.3	1.7	⌓^{1},∞^{0}a.◐^{0},∞^{0}p.≡^{2}5^{h}10—≡^{3}5^{h}47—≡^{4}5^{h}55—≡^{3}6^{h}24—≡^{2}6^{h}30—6^{h}53.
17	8.98	6.2	1.9	◐^{2}a, ◐^{0},∞^{0}p.
18	4.13	(2.8)	0.5	◐^{0}a.⌒^{0},⌓^{1}p,●^{0}6^{h}44..6^{h}48.┬^{0}E6^{h}55,┬^{0}W11^{h}35.●^{0}12^{h}04—●^{1}12^{h}12—,┬^{0}Z12^{h}43.—●^{0}13^{h}54—14^{h}13.
19	8.46	5.6	1.2	◐^{2}⌓^{0}p,≡^{4}5^{h}00—≡^{3}7^{h}20—≡^{2}7^{h}45—8^{h}20.
20	9.52	5.1	1.2	⌓^{1}, ◐^{0}a.◐^{2},⌓^{1}p,≡^{3}5^{h}36—≡^{2}6^{h}55—7^{h}28.
21	6.92	6.0	1.3	—
22	10.28	6.1	1.8	⌓^{1}, ◐^{0},∞^{0}a. ◐^{2},∞^{0},⌓^{0}p.≡^{2}3^{h}00—≡^{3}4^{h}20—≡^{4}5^{h}43—≡^{3}6^{h}28—≡^{2}6^{h}54—7^{h}08.
23	6.60	4.9	1.3	⌓^{1}a. ◐^{0},⌓^{0}p.
24	5.60	5.7	1.6	⌓^{1},∞^{0}a,∞^{0}p.
25	6.40	5.1	1.6	—
26	5.33	(3.7)	1.2	⌓^{1}, ◐^{0},∞^{0}a, ◐^{0},⌓^{0}p.●^{0}13^{h}45—14^{h}13,14^{h}28—14^{h}35.
27	7.67	5.0	1.6	⌓^{1}, ◐^{1}a, ◐^{0}p.●^{0}7^{h}55—8^{h}07.
28	—	(1.8)	0.9	●^{0}6^{h}17—6^{h}25.
29	—	(1.5)	0.6	≡^{1}0^{h}20—●^{0}2^{h}20—≡^{1}4^{h}50—●^{0}6^{h}13—≡^{0}6^{h}45..8^{h}20,●^{0}12^{h}07—●^{1}12^{h}10—●^{0}12^{h}15—12^{h}32,18^{h}03..19^{h}30.
30	2.42	(3.8)	0.5	⌓^{0}p.┬^{0}NW6^{h}05.●^{0}6^{h}06—,┬^{0}NW6^{h}25.┬^{0}W10^{h}49.┬^{0}S11^{h}10.—●^{1}11^{h}17—●^{2}11^{h}21—●^{1}11^{h}27—,┐^{1}Z11^{h}41.*
31	10.23	6.2	1.5	⌓^{1}, ◐^{2}a, ◐^{2}p. *—●^{0}12^{h}43—13^{h}36
Mean	5.73	5.8	1.3	

SEPTEMBER, 1947.

International Seismological Centre

Day	AIR PRESSURE (700 mm+)*							AIR TEMPERATURE °C										TENSION OF THE 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	53.1	51.5	50.8	49.2	49.8	51.2	50.9	19.7	19.9	24.5	26.1	23.7	20.8	22.5	**28.6**	19.1	23.9	9.5	15.7	15.8	17.9	**21.6**	18.2	15.2	17.4
2	51.0	52.4	52.2	51.9	53.0	54.4	52.5	19.8	20.1	23.9	27.8	21.8	17.6	21.8	28.0	15.3	21.7	12.7	16.0	15.4	14.7	15.2	13.5	12.8	14.6
3	54.4	55.4	55.8	54.1	54.2	55.3	54.9	14.8	14.8	22.1	26.3	21.4	17.0	19.4	27.8	13.8	20.8	14.0	12.2	11.9	13.2	12.3	15.1	13.7	13.1
4	55.2	56.4	56.3	55.2	54.9	56.9	55.8	14.8	14.7	21.9	26.9	20.6	17.0	19.3	28.3	13.2	20.8	**15.1**	12.2	12.1	13.4	11.2	15.7	13.6	13.0
5	57.0	57.3	55.3	52.1	49.9	50.9	53.8	14.3	14.6	20.7	22.5	20.7	19.4	18.7	24.8	14.0	19.4	10.8	11.7	12.0	13.7	15.3	17.5	13.4	13.9
6	51.9	52.8	52.7	52.4	53.9	55.0	53.1	17.2	17.5	23.5	22.7	18.1	13.6	18.8	24.5	13.1	18.8	11.4	9.8	10.4	11.6	9.9	9.7	10.4	10.3
7	54.7	56.0	55.9	54.7	54.7	55.1	55.2	14.6	14.9	17.8	23.7	19.5	17.9	18.1	24.4	14.0	19.2	10.4	10.7	11.8	12.0	13.3	13.3	14.0	12.5
8	53.3	51.8	51.3	50.6	51.8	53.4	52.0	17.4	17.9	19.1	21.7	20.4	17.6	19.0	22.6	16.7	19.7	5.9	14.2	14.9	16.0	17.7	15.5	14.1	15.4
9	53.8	56.3	58.2	58.1	58.8	60.0	57.5	16.6	16.6	17.4	18.1	17.1	16.4	17.0	18.7	15.9	17.3	2.8	13.5	13.4	14.1	14.7	13.6	13.2	13.8
10	59.6	60.5	61.1	61.0	61.4	**62.4**	61.0	15.9	16.0	19.5	20.9	18.8	14.4	17.6	21.6	12.9	17.3	8.7	12.9	13.0	13.8	14.4	14.3	11.9	13.4
11	61.7	62.1	61.4	60.0	59.8	59.5	60.8	13.6	14.2	18.5	19.7	18.7	18.3	17.2	20.6	12.0	16.3	8.6	11.6	11.9	13.6	15.0	15.5	15.1	13.8
12	58.4	58.2	57.3	55.5	54.5	54.5	56.4	18.4	18.5	19.5	19.9	17.9	16.8	18.5	20.4	16.7	18.6	3.7	15.4	14.9	15.2	16.3	15.0	13.7	15.1
13	53.6	53.2	54.4	53.3	53.5	53.4	53.6	16.4	16.8	21.8	22.9	21.7	20.3	20.0	23.8	16.3	20.1	7.5	13.5	13.5	14.6	15.9	17.3	16.9	15.3
14	52.7	53.2	53.2	52.2	52.6	51.9	52.6	19.5	19.5	21.9	23.5	22.6	21.8	21.5	24.2	19.4	21.8	4.8	16.8	16.8	17.7	21.3	19.7	19.2	18.6
15	50.5	49.1	47.1	43.9	43.1	**42.9**	46.1	21.3	20.8	23.7	24.5	22.6	22.7	22.6	24.6	20.8	22.7	3.8	18.6	18.2	20.9	21.3	20.4	20.5	20.0
16	43.1	45.3	46.0	45.0	46.5	48.1	45.7	20.7	20.2	24.2	24.8	18.5	17.2	20.9	25.0	15.7	20.4	9.3	17.0	14.0	13.7	12.9	13.4	12.1	13.9
17	47.3	48.3	48.1	48.3	50.2	51.6	49.0	14.9	15.7	21.0	22.3	17.4	13.2	17.4	22.6	12.0	17.3	10.6	11.7	11.2	11.3	12.0	12.1	10.7	11.5
18	52.3	53.7	54.5	54.5	55.1	56.3	54.4	12.4	14.3	18.9	20.1	17.4	16.4	16.6	20.5	11.4	16.0	9.1	10.4	11.7	12.0	12.7	12.4	12.4	11.9
19	56.2	57.8	58.3	57.8	59.2	60.4	58.3	16.2	16.6	21.5	26.2	19.9	14.6	19.2	27.6	13.5	20.6	14.1	12.4	13.0	14.0	14.8	14.2	11.6	13.3
20	60.6	61.6	61.2	59.2	59.7	59.9	60.4	12.1	14.0	20.7	25.5	18.9	16.3	17.9	25.9	12.1	19.0	13.8	10.2	11.6	14.4	14.2	13.7	12.8	12.8
21	58.4	58.4	57.7	56.2	55.7	55.5	57.0	14.9	15.4	18.4	18.6	17.9	17.7	17.2	19.7	14.5	17.1	5.2	12.1	12.0	13.1	15.0	14.7	14.5	13.6
22	54.1	53.8	53.7	53.4	54.8	56.0	54.3	17.4	17.1	22.4	22.9	16.8	15.0	18.6	24.5	14.6	19.6	9.9	14.4	14.1	13.7	9.5	9.9	11.0	12.1
23	56.3	57.2	57.7	58.0	57.8	59.4	57.7	13.2	12.4	19.1	20.6	16.2	13.0	15.8	22.3	12.3	17.3	10.0	10.7	10.1	10.4	10.5	12.0	10.6	10.7
24	58.5	58.6	58.1	55.4	56.0	54.6	56.9	12.2	12.3	19.5	23.9	20.1	18.9	17.8	25.5	11.1	18.3	14.4	10.1	10.2	13.8	16.1	16.0	16.0	13.7
25	52.7	52.8	52.3	50.1	51.4	51.9	51.9	18.9	17.9	20.8	19.9	17.7	14.8	18.3	24.2	13.4	18.8	10.8	16.0	15.0	16.1	15.8	11.7	10.4	14.2
26	51.8	52.2	51.9	50.0	50.9	51.2	51.3	12.5	11.4	21.9	22.3	16.4	12.4	16.2	23.4	10.7	17.1	12.7	10.4	**9.6**	12.7	10.2	11.2	10.1	10.7
27	50.3	51.2	51.9	50.6	52.3	53.4	51.6	13.6	13.6	19.2	20.2	15.3	12.7	15.8	22.3	11.9	17.1	10.4	10.7	11.3	11.6	10.5	11.2	10.2	10.9
28	53.7	54.7	54.6	53.7	54.3	54.1	54.2	11.6	11.1	17.1	19.3	16.3	15.2	15.1	20.7	**10.3**	15.5	10.4	10.0	9.7	9.8	11.1	12.0	12.1	10.8
29	52.4	51.2	50.5	49.6	51.3	52.1	51.2	14.7	14.3	15.4	16.4	15.1	14.6	15.1	16.4	14.0	15.2	**2.4**	11.8	11.7	12.5	12.9	12.4	11.9	12.1
30	52.6	53.1	54.2	53.7	53.5	53.7	53.5	14.2	14.2	15.6	15.8	15.9	15.6	15.2	16.6	14.0	15.3	2.6	11.7	11.7	12.1	12.7	12.8	12.5	12.3
Mean	54.0	54.5	54.5	53.3	53.8	54.5	54.1	15.8	15.9	20.4	22.2	18.8	16.6	18.3	23.3	14.2	18.7	9.2	12.8	12.8	13.8	14.2	14.1	13.2	13.5

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h.
1	92	91	78	86	83	83	86	SE	4.3	SSW	2.3	S	2.7	S	2.3	NNW	5.0	SSW	1.0	2.9	2.6
2	93	88	66	55	70	85	76	—	0.3	NNE	1.2	—	0.3	NW	2.2	NNW	2.7	SW	2.0	1.5	1.5
3	98	95	67	49	80	95	81	W	0.8	NW	1.7	N	1.8	N	1.5	W	1.0	WNW	1.2	1.3	1.0
4	98	98	69	**42**	87	94	81	W	1.3	—	0.3	NNW	1.3	WSW	1.2	SSE	3.0	SSE	1.7	1.5	1.3
5	96	97	76	76	97	80	87	—	0.5	—	0.0	SSE	2.0	SSE	7.2	SSE	3.3	S	0.7	2.3	2.6
6	67	70	54	48	63	90	65	N	2.5	NNE	2.7	W	5.0	W	**7.3**	WNW	3.5	—	0.3	3.6	3.7
7	87	94	79	60	79	92	82	SE	1.0	—	0.2	—	0.3	SE	3.5	SSE	1.7	SSE	3.0	1.6	1.3
8	96	98	98	92	87	94	94	S	2.5	SSW	1.7	ESE	1.3	N	1.8	NW	3.2	NW	4.0	2.4	2.5
9	96	95	95	95	94	95	95	NNW	2.8	NNW	4.0	NNW	2.2	—	0.0	S	2.5	S	1.7	2.2	2.0
10	96	96	82	79	89	97	90	—	0.0	—	0.0	SE	1.0	ENE	1.3	SSE	2.2	SE	1.0	0.9	0.9
11	100	99	86	88	97	97	95	W	1.0	—	0.2	WSW	1.5	SSW	2.3	SSE	1.8	SSE	2.7	1.6	1.2
12	98	94	90	94	99	96	95	—	0.0	SE	2.5	—	0.0	ESE	1.3	W	1.8	NW	3.0	1.4	1.4
13	98	95	75	77	90	96	89	NNW	2.3	NNW	1.8	N	0.8	—	0.2	—	0.2	—	0.0	0.9	1.1
14	100	100	91	99	97	99	98	ESE	2.2	—	0.0	SE	3.0	SE	2.2	—	0.0	—	0.0	1.2	1.2
15	99	100	96	93	100	100	98	WNW	0.8	NW	1.8	ESE	1.7	SE	4.2	SE	5.3	SSE	3.3	2.9	3.5
16	94	79	61	56	85	83	76	NNW	0.7	NNW	4.2	WNW	5.3	W	**7.3**	—	0.0	NNW	2.5	3.3	4.1
17	93	84	61	60	82	95	79	N	0.7	NNW	3.5	NW	6.7	NNW	5.7	—	0.2	ESE	1.3	3.0	3.4
18	97	96	74	72	84	90	86	—	0.5	—	0.0	SSE	2.0	ESE	1.3	SSE	4.0	SE	2.0	1.6	1.6
19	90	93	74	58	82	94	82	SE	1.0	—	0.0	NNW	0.7	—	0.5	W	2.5	—	0.0	0.8	1.1
20	97	97	80	59	85	93	85	—	0.0	WNW	0.8	—	0.5	SSE	5.0	SE	3.7	SE	2.2	2.0	2.0
21	96	93	83	94	97	96	93	SE	0.7	—	0.0	—	0.0	NNE	1.2	NNW	1.2	SSE	0.7	0.6	0.6
22	98	98	68	45	69	87	78	SE	1.7	WSW	2.3	ENE	1.2	W	5.0	W	3.0	—	0.0	2.2	2.8
23	95	95	63	58	88	95	82	SSE	0.8	NNW	3.7	NNW	4.0	NNW	1.7	SE	0.8	N	0.8	2.0	1.6
24	96	96	82	73	91	99	90	WNW	0.8	—	0.3	SSE	0.8	ESE	4.2	S	3.3	SE	3.0	2.1	1.9
25	99	99	88	91	78	83	90	S	2.3	—	0.0	W	0.8	SSE	4.0	NNW	3.0	NW	0.8	1.8	1.7
26	96	96	65	51	81	95	81	—	0.5	ENE	0.7	SE	4.3	SSW	4.8	NW	0.8	—	0.3	1.9	2 2
27	92	97	70	60	87	93	83	ESE	1.3	E	1.3	SE	1.0	NW	4.7	—	0.5	S	1.0	1.6	1 5
28	99	99	68	67	87	94	86	NE	0.7	—	0.5	NW	1.0	SSW	1.3	S	2.0	—	0.0	0.9	0.9
29	95	96	96	93	98	96	96	WNW	0.7	—	0.2	S	2.0	W	1.7	NW	2.3	W	1.0	1.3	1.1
30	97	97	92	95	95	95	95	—	0.3	—	0.0	SW	1.3	NW	1.7	SSW	2.0	WSW	1.7	1.2	0.8
Mean	95	94	78	72	87	93	86		1.2		1.3		1.9		3.0		2.2		1.4	1.8	1.8

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

SEPTEMBER, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	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	—	S9	W9	—	—	—	10 s	10 s,cs	10 sk,cs,s	10 n	10 sk,s,cs	10 sk	10.0	—	—	—	0.3	1.0	—	1.3
2	—	W9	—	—	—	—	10 sk,cs,s	10 sk,cs	10 sk,cs	2 sk	0 sk	2 sk,ck	5.7	—	—	—	—	—	—	—
3	—	W1	—	—	—	—	10 cs	10 cs,sc	10 ck,c,k	0 k,c	1 kc,sk	3 k	5.7	—	—	—	—	—	—	—
4	—	—	—	—	—	—	2 k	7 ck,cs,s	3 ck,k	2 k,ck	1 sk,kc	0 —	2.5	—	—	—	—	—	—	—
5	—	—	—	—	—	—	10 cs	10 ≡	10 s,sk	10 sk,s	10 n,sk	0 k	8.3	—	—	—	—	3.8	3.2	7.0
6	—	W7	—	W9	W9	—	0 k	7sk,ck,cs	4 sk,ck	7 sk,kc	8 sk,kc	4 sk,kc	5.0	—	—	—	—	—	—	—
7	W7	W8	—	W1	—	—	10 sk,sc	10 sc,sk	10 sc	9 ck,sk,c	10 sc	10 n	9.8	—	—	—	—	—	0.1	0.1
8	—	—	S8	W9	W9	—	10 n	10 n	10 n,s	10 sk,sc	10 sc,sk	10 n	10.0	6.7	6.9	3.9	0.2	0.3	0.2	18.2
9	—	—	—	—	—	—	10 n	10 n	10 n	10 n	10 s,sc	10 n	10.0	7.5	6.6	2.3	3.2	3.0	0.0	22.6
10	—	—	—	—	—	—	10 s	10 n	10 s,sk	10 sk,s	10 sc,sk	2 c	8.7	0.7	0.0	0.0	—	—	—	0.7
11	—	—	—	—	—	—	10 sc,cs	10 s	10 s,sk	10 n	10 n	10 n	10.0	—	0.2	—	—	0.2	0.0	0.4
12	—	—	—	—	—	—	10 n	10 n	10 n	10 n	10 n	10 n	10.0	0.5	3.0	5.9	4.9	17.5	17.6	49.4
13	—	W9	—	—	—	—	10 n	10 sk	9 sk,kc,c	10 sk,kc,k	10 sk,sc	10 n	9.8	0.0	0.3	—	0.3	0.0	2.3	2.9
14	—	—	—	—	—	—	10 n	10 n	10 s	10 n	10 n	10 n	10.0	22.7	2.4	0.9	0.2	3.6	11.8	41.6
15	—	E9	S8	S9	—	—	10 n	10 n	10 n	10 n	10 n	10 n	10.0	14.6	20.9	33.8	11.5	124.8	9.5	215.1
16	—	—	—	—	—	—	10 sk,sc	10 ck,c,sk	1 sk	2 sk	1 kc,sk	0 —	4.0	0.3	—	—	—	—	—	0.3
17	—	—	—	—	—	—	0 —	1 sk	0 sk,k	0 k	0 sk,k	0 —	0.2	—	—	—	—	—	—	—
18	—	—	—	—	—	—	10 sk	10 sk	10 sk	10 sc,sk	10 sk	10 s	10.0	—	—	—	—	—	—	—
19	—	—	—	—	—	—	10 s	10 s	1 k	1 k	0 k	0 —	3.7	—	—	—	—	—	—	—
20	—	—	—	—	—	—	2 sk	10 ≡	0 sk	2 k,sk	5 sk	1 sk	3.3	—	—	—	—	—	—	—
21	—	—	—	—	—	—	9 sc	10 sc,s	10 sk,s	10 n	10 n	10 n	9.8	—	—	—	0.6	0.0	0.0	0.6
22	—	W8	W7	W9	—	—	10 s	10 sk,k	6 sk	7 sk,cs,c	1 sk,k	10 sk,s	7.3	0.3	1.9	—	—	—	—	2.2
23	—	—	—	—	—	—	9 sk	10 sc,sk	10 sc,cs,k	9 c,ck,k	0 c,cs	10 sk,ck	8.0	0.2	—	—	—	—	—	0.2
24	—	—	S8	S7	—	—	1 sk	10 s	10 sk	10 sk,c,ck	10 sk,sc	10 n	8.5	—	—	—	—	—	1.7	1.7
25	—	S9	W7	—	—	—	10 n	10 s	10 sk,s	10 n,sk	10 sk,k	0 k	8.3	6.3	0.7	—	1.6	0.1	—	8.7
26	—	—	W8	W7	—	W8	0 k	0 k,c	7 sk,cs	10 sk,cs	1 sk	9 sk	4.5	—	—	—	—	—	0.0	0.0
27	—	W9	—	W7	—	—	10 sk,n	9 sk	9 sk,s,k	2 k,cs	1 k	5 k,sk	6.0	0.0	0.2	0.2	0.1	—	0.0	0.5
28	—	—	—	—	—	—	10 sk,sc	10 ≡	6 kc,sk	10 sc,sk	10 sk,sc	10 sk,sc	9.3	—	—	—	—	—	—	—
29	—	—	—	—	—	—	10 n,sk	10 n	10 n	10 n	10 n	10 n	10.0	0.9	7.8	9.5	1.0	1.5	0.1	20.8
30	—	—	—	—	—	—	10 s	10 s	10 sc,s	10 s	10 s	10 n	10.0	0.7	0.1	—	0.0	—	6.8	7.6
							8.1	9.1	7.9	7.4	6.6	6.5	7.6	61.4	51.0	56.5	23.9	155.8	53.3	401.9

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	4.39	(2.9)	1.0	⌓⁰p.●⁰13ʰ54—14ʰ35,16ʰ19—●¹16ʰ47—●⁰16ʰ49—17ʰ00,18ʰ16—18ʰ20.
2	6.06	4.9	1.7	◊²a. ◊²,⌓¹p.
3	9.40	5.6	1.3	⌓¹, ◊²a,p.
4	10.91	5.0	1.6	⌓¹, ◊²a,p. *●¹20ʰ35—20ʰ55.
5	1.38	(4.9)	2.2	⌓¹a.≡³4ʰ50—≡⁴5ʰ14—≡³5ʰ48—≡²6ʰ04—≡¹7ʰ20—8ʰ10.●⁰16ʰ10—●¹17ʰ05—●⁰17ʰ50—18ʰ04,18ʰ33—19ʰ20.*
6	9.62	4.5	1.8	◊¹a. ◊⁰,⌓⁰,⌒⁰p.
7	3.20	(2.8)	0.9	◊⁰p.≡:⁰19ʰ20—●⁰23ʰ40— **●⁰16ʰ04—16ʰ21,21ʰ34—●¹23ʰ00—
8	0.10	(1.0)	0.6	—●⁰—●¹0ʰ20—●⁰0ʰ55—●¹1ʰ45—●⁰1ʰ50—●¹2ʰ05—●⁰2ʰ45—●¹3ʰ07—●⁰3ʰ35—10ʰ06,11ʰ30—11ʰ58.**
9	—	(0.5)	0.2	—●¹—●⁰1ʰ10—●¹1ʰ30—●⁰1ʰ40—●¹3ʰ30—●⁰4ʰ00—●¹13ʰ30—●⁰15ʰ00—●¹15ʰ40—●⁰16ʰ00—17ʰ10,***
10	0.30	(2.1)	0.9	◊⁰,⌓¹p.≡:⁰5ʰ10—6ʰ50. ***20ʰ15..23ʰ55.
11	—	(1.0)	0.4	⌓¹a.●⁰4ʰ20—5ʰ05.≡:⁰13ʰ50..
12	—	(2.0)	0.4	..≡:⁰..●⁰1ʰ30—●¹14ʰ30—●²17ʰ40—●¹19ʰ26—●⁰20ʰ00—22ʰ13.
13	2.98	(3.9)	0.6	●⁰1ʰ58..4ʰ00,10ʰ36..14ʰ25.●¹20ʰ56—●⁰21ʰ04—21ʰ06,●¹22ʰ05—●⁰23ʰ10—
14	—	(3.4)	0.5	—●⁰—●¹0ʰ25—●⁰1ʰ30—7ʰ17.10ʰ08—11ʰ04,13ʰ54—●¹14ʰ23—●⁰14ʰ52—●¹20ʰ00—●⁰23ʰ43—
15	—	(0.0)	0.7	—●⁰—●²1ʰ00—●¹1ʰ54—●²2ʰ31—●¹3ʰ15—●⁰4ʰ50—●²6ʰ27—●¹7ʰ25—●²7ʰ54—●¹8ʰ18—●⁰9ʰ56—●¹10ʰ08—●⁰12ʰ35—****
16	9.95	5.7	2.2	◊⁶a. ◊²,⌓¹p...●⁰..0ʰ05. ****●¹14ʰ40—●²15ʰ42—●¹18ʰ40—●⁰19ʰ00..●¹20ʰ23—●⁰21ʰ05—21ʰ48..
17	11.32	4.2	1.6	◊²,⌓¹a, ◊¹,⌓¹p.
18	—	2.6	1.0	⌓¹, ◊⁰a. ◊⁰p.
19	8.79	3.9	1.0	◊⁰a. ◊⁰,⌓¹p.
20	7.10	4.0	1.4	⌓¹,a, ◊⁰p.≡²4ʰ30—≡⁴5ʰ55—≡²7ʰ25—8ʰ20.
21	—	(1.7)	0.5	⌓¹a.●⁰11ʰ35—14ʰ40,17ʰ50..21ʰ30.
22	8.30	(4.4)	1.8	◊⁰a, ◊²p.●⁰0ʰ35—1ʰ05.●²3ʰ58—●⁰4ʰ02..5ʰ40,22ʰ27—22ʰ35.
23	5.80	2.6	0.8	◊¹a. ◊⁰,⌓⁰p.
24	5.18	(3.5)	0.9	⌓⁰a.●⁰20ʰ21—
25	2.10	(2.6)	0.8	◊⁰,⌓⁰p.—●⁰—2ʰ56,⊤⁰sw13ʰ15,●⁰13ʰ18—,⊤⁰sw13ʰ32,13ʰ40.—●⁰—14ʰ35.
26	8.78	(3.5)	1.4	⌓¹, ◊⁰a. ◊⁰p.●⁰20ʰ40—20ʰ43.
27	5.99	(2.7)	0.9	◊⁰a, ◊¹p.●⁰1ʰ57..5ʰ05,8ʰ46—8ʰ57,12ʰ35—12ʰ43,21ʰ50—21ʰ52.
28	2.77	(2.7)	0.7	◊⁰a, ◊¹p.≡⁵5ʰ35—≡⁴6ʰ42—≡³6ʰ50—7ʰ20.
29	—	(0.0)	0.1	●⁰1ʰ49—●¹1ʰ50—●⁰1ʰ56—●¹4ʰ50—●⁰6ʰ14—●¹6ʰ32—●⁰7ʰ35—≡:⁰12ʰ35—●⁰13ʰ55—19ʰ30,21ʰ50—
30	—	(1.1)	0.3	—●⁰1ʰ45,3ʰ15—3ʰ30.≡:⁰13ʰ04—13ʰ43,●⁰19ʰ35—
Mean	4.15	4.3	1.0	

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Day	AIR PRESSURE (700 mm+)*							AIR TEMPERATURE °C										TENSION OF THE 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	53.5	52.8	52.9	52.8	54.2	54.1	53.4	14.8	14.0	18.2	18.6	14.4	14.0	15.7	20.7	12.5	16.6	8.2	12.2	11.9	12.8	9.2	8.6	9.0	10.6
2	55.8	56.5	58.9	58.8	60.3	61.0	58.6	14.8	15.1	17.0	17.2	15.6	14.0	15.6	18.2	12.6	15.4	5.6	8.1	7.9	8.9	9.9	9.8	10.1	9.1
3	60.7	60.8	60.7	58.8	60.0	60.7	60.3	11.8	11.0	17.6	19.9	14.0	11.6	14.3	20.3	7.9	14.1	12.4	9.7	9.6	9.6	8.7	8.2	8.4	9.0
4	60.6	61.3	60.6	58.4	58.9	59.0	59.8	9.0	5.4	16.1	19.8	14.1	9.0	12.2	**21.1**	5.2	13.2	15.9	8.2	6.6	8.2	7.7	9.8	8.0	8.1
5	58.3	59.0	60.1	59.5	61.0	62.6	60.1	9.7	9.2	13.5	19.9	14.6	12.3	13.2	20.5	7.9	14.2	12.6	8.6	8.4	9.4	7.8	10.2	8.6	8.8
6	62.9	63.4	64.1	61.5	62.2	62.0	62.7	9.4	9.0	12.5	15.8	12.4	11.2	11.7	16.6	8.7	12.7	7.9	7.8	7.6	8.2	8.6	8.8	9.1	8.4
7	60.4	61.0	60.9	59.3	60.2	61.3	60.5	9.5	9.4	16.2	17.5	12.1	8.2	12.2	19.5	5.5	12.5	14.0	8.6	8.4	8.6	8.4	8.8	7.5	8.4
8	61.1	62.6	62.7	61.5	62.5	63.3	62.3	4.5	2.0	11.9	17.9	12.8	7.7	9.5	18.3	1.6	10.0	**16.7**	6.2	5.0	6.9	7.9	7.7	7.3	6.8
9	63.2	62.6	62.3	60.5	60.3	59.3	61.4	9.9	8.4	15.6	16.4	15.0	15.3	13.4	17.0	8.4	12.7	8.6	8.5	8.0	9.3	9.7	10.8	11.1	9.6
10	58.1	56.2	55.6	51.5	51.1	50.5	53.8	14.5	14.4	16.9	17.5	17.2	16.9	16.2	17.8	14.0	15.9	**3.8**	11.8	11.9	13.1	**14.3**	14.1	14.0	13.2
11	50.8	52.0	52.6	51.7	52.2	51.7	51.8	16.6	15.4	15.1	14.1	13.6	13.2	14.7	16.8	13.0	14.9	**3.8**	13.9	11.6	11.8	11.1	11.3	11.0	11.8
12	51.7	52.9	53.1	52·7	53.9	53.6	53.0	13.0	9.8	16.8	15.8	12.4	10.7	13.1	17.6	9.8	13.7	7.8	9.2	8.5	9.1	8.6	10.0	9.2	9.1
13	53.9	54.8	55.1	53.7	55.8	56.8	55.0	11.0	11.1	14.0	17.4	13.3	9.1	12.7	17.7	8.0	12.9	9.7	9.2	9.7	9.8	8.8	9.4	8.0	9.2
14	56.8	58.1	59.6	60.0	62.4	64.5	60.2	7.7	4.6	15.4	16.7	11.8	7.9	10.7	18.1	4.6	11.4	13.5	7.6	6.3	8.2	6.9	7.6	7.2	7.3
15	65.3	66.5	67.0	65.6	66.1	67.4	66.3	5.4	5.1	12.4	16.3	11.2	6.3	9.5	17.4	3.2	10.3	14.2	6.7	6.6	7.7	7.4	7.8	6.8	7.2
16	67.5	67.2	67.4	66.5	66.8	67.2	67.1	5.5	7.0	12.3	15.2	11.6	8.6	10.0	15.4	5.1	10.3	10.3	6.6	7.2	8.2	7.8	8.5	7.8	7.7
17	67.3	67.8	**68.1**	66.1	66.0	66.2	66.9	5.7	4.7	10.4	14.3	11.7	8.6	9.2	14.4	4.6	9.5	9.8	6.6	6.3	7.4	8.2	8.3	7.6	7.4
18	66.1	66.4	66.3	65.0	65.5	66.4	66.0	7.2	5.0	14.9	17.7	12.2	7.0	10.7	18.5	4.9	11.7	13.6	7.3	6.4	7.8	7.9	7.7	7.2	7.4
19	65.7	65.8	65.6	62.5	63.0	62.6	64.2	4.7	3.9	10.9	15.0	9.6	7.6	8.6	15.8	2.6	9.2	13.2	6.3	6.0	7.2	7.1	7.6	7.2	6.9
20	62.1	61.6	61.2	58.8	59.3	59.0	60.3	6.2	4.6	11.4	16.6	10.9	10.6	10.1	16.8	4.5	10.7	12.3	6.7	6.1	7.4	8.3	8.1	7.8	7.4
21	58.0	57.8	58.2	57.2	58.1	58.4	58.0	10.0	8.3	14.1	15.5	13.0	11.3	12.0	16.4	7.7	12.1	8.7	8.1	7.9	7.5	8.1	8.6	8.7	8.2
22	58.1	57.2	57.5	54.6	54.1	52.9	55.7	10.5	10.4	14.3	17.5	14.8	13.2	13.5	19.1	9.9	14.5	9.2	8.7	8.0	8.2	9.0	10.8	10.7	9.2
23	50.5	48.6	47.4	46.1	**46.0**	**46.0**	47.4	12.2	11.0	16.2	14.0	11.2	8.8	12.2	19.3	8.2	13.8	11.1	10.1	9.6	10.3	9.0	6.2	6.5	8.6
24	46.9	47.6	49.0	49.9	51.1	52.8	49.6	6.3	5.9	10.8	11.0	8.0	5.7	8.0	12.6	4.9	8.8	7.7	6.8	6.2	6.9	6.5	6.7	6.5	6.6
25	53.2	54.8	55.6	54.7	56.3	57.6	55.4	4.7	4.5	9.5	15.9	9.8	5.5	8.3	16.3	3.6	10.0	12.7	6.3	6.3	6.9	7.3	7.7	6.6	6.9
26	57.4	58.5	59.6	59.2	61.3	62.4	59.7	5.0	5.7	12.6	14.8	9.0	6.1	8.9	16.0	4.6	10.3	11.4	6.4	6.8	7.1	6.3	7.3	6.9	6.8
27	62.1	61.9	61.1	58.4	56.7	54.9	59.2	5.9	4.5	9.5	15.0	12.4	12.8	10.0	15.2	4.1	9.7	11.1	6.8	6.2	7.3	8.9	8.6	9.2	7.8
28	53.6	53.3	54.0	53.6	54.3	54.9	54.0	10.8	10.0	13.3	16.0	10.2	8.4	11.5	17.1	7.9	12.5	9.2	9.1	8.9	9.8	6.6	7.6	7.5	8.3
29	54.7	55.7	55.7	56.0	58.0	59.4	56.6	7.9	6.3	11.1	9.7	7.7	6.7	8.2	12.9	5.0	9.0	7.9	5.5	5.2	4.9	5.9	4.6	5.3	5.2
30	60.4	61.5	62.6	62.3	63.9	65.2	62.7	2.7	3.3	8.0	11.2	8.5	2.6	6.1	11.9	1.4	6.7	10.5	5.1	5.6	6.3	6.4	5.3	5.2	5.7
31	65.1	66.4	66.0	63.7	64.1	63.6	64.8	1.8	−0.5	7.7	13.2	7.1	3.1	5.4	15.0	**−0.5**	7.3	15.5	5.1	**4.4**	6.2	5.9	6.6	5.5	5.6
Mean	58.8	59.1	59.4	58.1	58.9	59.3	58.9	8.7	7.7	13.4	15.9	12.0	9.5	11.2	17.1	6.5	11.8	10.6	8.0	7.6	8.4	8.2	8.5	8.1	8.1

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND												Mean	
	2	4	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h.
1	98	100	83	57	71	76	81	W	1.2	SE	0.8	SW	1.0	W	6.7	WSW	3.5	WSW	6.7	3.3	3.3
2	65	62	62	68	74	85	69	WSW	5.0	WNW	7.3	WNW	4.2	NNW	2.7	NNW	3.7	W	1.7	4.1	4.0
3	94	99	64	51	69	83	77	—	0.3	—	0.0	—	0.3	WNW	3.7	NW	5.5	NNW	2.7	2.1	1.5
4	96	98	60	45	82	94	79	—	0.0	—	0.3	NE	0.7	NNE	1.7	W	1.3	W	1.5	0.9	0.9
5	96	97	81	**45**	83	81	81	E	1.8	W	0.7	NNW	2.0	NNW	1.2	—	0.2	NNW	2.2	1.4	1.4
6	88	89	76	65	82	92	82	WNW	2.0	—	0.2	W	0.7	—	0.0	ESE	1.5	—	0.0	0.7	1.0
7	96	96	63	56	84	92	81	—	0.0	NW	1.5	NW	3.3	NNE	4.3	WNW	2.0	WNW	0.8	2.0	1.8
8	98	94	66	52	70	94	79	NW	1.0	WNW	1.5	—	0.5	SSE	3.2	SSE	5.0	S	1.0	2.0	1.7
9	94	97	71	70	86	86	84	—	0.5	—	0.0	S	2.0	ESE	4.7	SSW	1.0	SSE	2.5	1.8	1.8
10	96	97	92	96	96	98	96	WNW	1.0	SE	2.0	SSE	3.5	—	0.3	—	0.5	—	0.2	1.3	1.2
11	99	95	93	93	97	97	96	—	0.0	NW	2.8	E	1.2	E	0.8	—	0.3	N	0.8	1.0	1.6
12	82	94	63	65	93	96	82	NW	1.7	ENE	1.7	—	0.5	NW	3.0	ESE	1.2	—	0.0	1.4	1.5
13	94	99	83	60	82	93	85	—	0.0	NW	0.7	NW	1.7	—	0.2	SSW	2.2	—	0.2	0.8	1.1
14	97	100	63	49	74	91	79	N	1.0	WNW	0.7	NNW	2.2	WNW	4.0	WNW	2.2	WSW	1.5	1.9	1.9
15	100	100	72	54	79	97	84	E	0.8	NNW	1.7	W	0.8	N	1.5	SSW	2.8	—	0.5	1.4	0.9
16	98	97	77	61	84	94	85	NW	0.7	—	0.2	WNW	1.2	—	0.0	ESE	0.7	NW	1.8	0.8	0.8
17	97	98	79	68	81	91	86	WSW	0.8	—	0.2	NNW	2.3	NNW	1.7	NW	1.5	NW	2.2	1.5	1.5
18	97	98	62	53	73	97	80	NW	1.0	NW	0.7	NNW	2.8	SSE	1.7	E	1.2	W	1.8	1.5	1.3
19	98	100	75	56	86	92	85	—	0.0	N	1.3	NW	0.8	SE	3.7	NE	0.8	—	0.0	1.1	1.3
20	95	96	74	59	84	82	82	NNW	1.7	—	0.2	NNW	1.5	NNW	1.5	NW	1.8	NNW	2.0	1.5	1.5
21	88	97	63	61	77	88	79	NW	1.0	—	0.5	NNW	3.7	NNE	2.7	—	0.2	—	0.0	1.4	1.3
22	92	85	68	61	87	95	81	N	1.7	NW	2.2	—	0.0	SW	1.7	S	0.8	—	0.0	1.1	0.8
23	96	99	75	76	62	77	81	—	0.0	—	0.0	—	0.0	SW	4.2	SW	7.0	SSW	2.7	2.3	2.1
54	95	90	71	66	84	95	84	SSE	1.8	SSE	4.7	SE	1.8	WSW	4.7	S	3.7	SW	2.7	3.2	2.8
25	98	100	78	54	86	98	86	—	0.0	—	0.5	NNW	2.0	ENE	1.0	SSW	1.3	—	0.3	0.9	0.9
26	98	100	66	50	85	98	83	—	0.2	—	0.0	SSW	1.2	WNW	3.3	E	0.7	—	0.0	0.9	1.5
27	98	98	83	70	81	83	86	—	0.5	—	0.3	—	0.0	SE	2.2	SE	3.0	SE	4.5	1.8	1.6
28	94	97	86	49	82	91	83	NW	1.5	—	0.5	NE	2.2	WNW	**8.0**	W	3.3	S	0.8	2.7	2.3
29	70	74	50	66	59	72	65	WSW	4.3	WNW	2.2	W	6.2	W	3.3	NNW	2.3	ESE	2.8	3.5	3.4
30	92	96	79	64	65	94	82	SSE	1.2	NE	0.8	—	0.0	NE	1.3	NE	1.3	—	0.5	0.9	1.2
31	98	100	78	52	87	96	85	NNW	1.2	—	0.5	WSW	1.7	SSE	3.5	SSW	1.7	NW	1.2	1.6	1.5
Mean	93	95	73	61	80	90	82		1.1		1.2		1.7		2.7		2.1		1.5	1.7	1.6

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

OCTOBER, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	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	W8	—	—	10 n	9 sk,ck,kc	9 sk	2 k,kc	2 k	2 k	5.7	1.4	0.5	—	—	0.0	1.1	3.0
2	—	W1,W8	W8	W8	—	—	2 k	4 k,ck,c	10 ck,sk	10 sc,sk,c	10 sk	10 sk	7.7	—	—	—	—	—	—	—
3	—	W8	W8	—	—	—	10 sc	10 kc,sk	7 k	5 c,k	6 c,k	0 k	6.3	—	—	—	—	—	—	—
4	W8	—	W2	—	—	—	8 k	0 k,≡	3 cs,k	2 k,c	5 cs,sk	10 cs,ck	4.7	—	—	—	—	—	—	—
5	—	W7	—	—	—	—	10 cs,k	10 sk,cs	7 c,k	2 k,c	10 sk,k	10 sk	8.2	—	—	—	—	—	—	—
6	—	—	—	SSE7	—	—	10 cs,sk	10 sc	10 sc	10 sk,k	10 sk,cs	10 sk	10.0	—	—	—	—	—	—	—
7	—	—	—	—	—	—	10 sc,sk	8 kc,sc	0 k	2 sk,k	0 k,kc	0 —	3.3	—	—	—	—	—	—	—
8	—	—	—	SE8	—	—	0 —	0 —	10 cs	8 cs,c,sk	2 sk	10 sk	5.0	—	—	—	—	—	—	—
9	—	—	—	S8	—	—	10 sc,sk	10 kc,ck	10 sk	10 sk,sc	10 sk	10 s,sk	10.0	—	—	—	—	0.0	—	0.0
10	—	S8	—	—	—	—	10 n	10 n	10 n	10 n	10 s	10 n	10.0	1.1	6.9	3.1	5.0	4.3	4.2	**24.6**
11	—	—	—	—	—	—	10 s	10 sc,n	10 n	10 sc,s,sk	10 n,sk	9 sk,s	9.8	0.2	—	3.2	**13.7**	6.7	—	23.8
12	—	W8	W8	W8	—	—	8 sk	4 sk,kc	10 sk	10 sk	1 sk	8 sk	6.8	—	—	—	0.0	—	—	0.0
13	—	—	—	W7	—	—	10 n	10 s	10 sk,k	10 sk,k,kc	2 sk	0 kc	7.0	0.0	0.2	—	—	—	—	0.2
14	—	—	W8	NW7	—	—	0 —	0 sk,kc	5 sk	7 sk,k	3 sk	0 —	2.5	—	—	—	—	—	—	—
15	—	—	—	W7	—	—	1 sk	10 ≡	2 sk,k	3 k	0 k	0 kc	2.7	—	—	—	—	—	—	—
16	—	—	—	—	—	—	10 sk	10 sk	10 kc,sk	10 sk,sc	10 sc	10 sk	10.0	—	—	—	—	—	—	—
17	—	—	—	E7	—	—	1 k	10 sc,s	10 sc,s	10 sk	10 s,sk	0 —	6.8	—	—	—	—	—	—	—
18	—	—	E8	—	—	—	4 sk	1 sk	6 sk	9 sk,k	5 sk	3 sk	4.7	—	—	—	—	—	—	—
19	—	—	—	—	—	—	0 —	10 ≡	10 cs,c,ck	10 c,sk,k	3 c,ck	6 c,ck	6.5	—	—	—	—	—	—	—
20	—	W1	—	E7	—	—	1 kc	10ck,kc,sk	10 sk	8 sk,c	8 cs,sk	8 sk	7.5	—	—	—	—	—	—	—
21	—	E7	E8	SE7	—	—	10 sk	10 sk	10 sk	10 sk	10 sk	10 sk	10.0	—	—	—	—	—	—	—
22	—	S9	—	E7	—	—	10 sk	10 sk	10 sk	10 kc,sk	10 sk	10 n	10.0	—	—	—	—	—	0.7	0.7
23	—	—	W8	—	W8	—	10 n	10 s,≡	9 sk,k	10 n,sk	8 sk,n	3 sk,n	8.3	2.2	0.3	—	1.1	0.2	1.3	5.1
24	—	W9	W8	W8	—	—	10 n	7 sk,n,k	8 sk,n	10 sk	1 sk	10 sk,kc	7.7	4.1	0.6	1.0	0.9	—	—	6.6
25	—	—	—	—	—	—	3 sk	10 ≡	7 c,k	1 k,c	9 ck,c,k	2 c,ck	5.3	—	—	—	—	—	—	—
26	—	W8	W8	W8	—	—	2 sk	8 sk,kc	9 sk	8 sk	1 sk	10 sc	6.3	—	—	—	—	—	—	—
27	—	—	—	—	—	W8	10 sc	10 ≡	10 sc,sk	10 sc,sk	10 sk,sc	10 sk,sc,n	10.0	—	—	—	—	—	0.1	0.1
28	—	W8	W8	W8	—	W8	10 sk,n	3 sk	10 sk	2 k	10 n,sk	9 sk,s	7.3	0.2	0.0	—	—	0.1	0.5	0.8
29	—	W9	W8	W8	—	W8	1 sk	6 sk	9 k,sk	8 k,n	0 k	6 k	5.0	0.1	—	—	0.3	—	—	0.4
30	W8	W8	W8	W7	W7	—	7 sk,kc	9 k,n	9 sk	10 sk	6 sk	0 —	6.8	—	0.1	0.0	0.2	0.0	—	0.3
31	—	—	—	W1	—	—	0 —	10 ≡	8 c,k	10 ck,c,kc	0 —	0 —	4.7	—	—	—	—	—	—	—
							6.3	7.7	8.3	7.6	5.9	6.0	7.0	9.3	8.6	7.3	21.2	11.3	7.9	65.6

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	6.07	(3.4)	2.1	☾^{0}p.—●^{0}—0^{h}16,1^{h}43—3^{h}10.≡^{1}5^{h}47—≡^{2}6^{h}25—7^{h}18.●^{0}17^{h}45..21^{h}57.
2	0.35	2.5	1.3	☾^{1}a, ☾^{0}p.
3	7.87	2.9	1.1	☾^{0}a. ☾^{2},⌓^{0}p.
4	8.29	3.2	1.1	⌓^{0}, ☾^{1}a. ☾^{2},⌓^{1}p.≡^{1}5^{h}50—≡^{4}6^{h}08—≡^{3}7^{h}30—≡^{2}8^{h}30—8^{h}50.
5	8.56	3.2	1.2	⌓^{1}, ☾^{0}a. ☾^{1}p.
6	0.92	2.2	0.7	☾$^{0}a.p$.
7	8.37	2.8	0.9	☾^{2}a. ☾^{1}p.
8	9.85	2.8	1.1	⊔^{0} ☾^{2}a. ☾^{2},⌓^{0}p.
9	0.47	(1.1)	0.7	☾$^{0}a.p$.●^{0}15^{h}52—16^{h}05,22^{h}43—
10	—	(0.9)	0.4	—●^{0}—●^{12}^{h}20—●^{0}2^{h}40—●^{1}3^{h}58—●^{0}5^{h}02—●^{1}5^{h}28—●^{0}5^{h}50—17^{h}05.●^{1}18^{h}46—●^{0}19^{h}00—22^{h}32.
11	—	(1.8)	0.2	●^{0}6^{h}06..7^{h}40—●^{1}9^{h}10—●^{0}9^{h}35—●^{1}10^{h}16—●^{0}10^{h}34—●^{1}11^{h}09—●^{0}13^{h}03—13^{h}40,14^{h}36—●^{1}15^{h}25—*
12	3.07	(1.5)	0.7	⌓^{0}, ☾^{0}a. ☾^{0}p.●^{0}12^{h}03—12^{h}09 *●^{0}16^{h}50—17^{h}56
13	2.04	2.0	0.6	☾^{1},⌓^{0}p.●^{0}1^{h}45—2^{h}04,3^{h}10—4^{h}00.
14	8.07	2.9	1.2	⌓^{1}, ☾^{0}a. ☾^{2},⌓^{1}p.
15	8.30	2.6	0.8	⌓^{1}, ☾^{0}a, ☾^{1},⌓^{0}p.≡^{2}5^{h}15—≡^{4}5^{h}40—≡^{3}7^{h}50—8^{h}17.
16	0.76	1.3	0.6	⌓^{0}, ☾^{0}a, ☾^{1}p.
17	1.60	1.6	0.6	⌓^{1}, ☾^{2}a. ☾^{0}⌓^{0}p.
18	6.88	2.3	0.8	⌓^{1}, ☾^{0}a. ☾^{1},⌓^{0}p.
19	5.50	1.9	0.7	⌓^{1}, ☾^{0},∞^{0}a. ☾^{0},⌓^{0}p.≡^{2}4^{h}35—≡^{4}5^{h}00—≡^{3}5^{h}56—≡^{2}6^{h}27—6^{h}46.
20	3.28	2.1	0.9	⌓^{0}, ☾^{0}a, ☾^{0}Ⓤ^{0}p.
21	2.06	1.8	0.9	☾$^{0}a,p$.
22	2.19	(1.9)	0.7	☾^{0}a.●^{0}19^{h}40—
23	3.78	(2.1)	1.0	☾p.—●^{0}—4^{h}30.≡^{2}5^{h}48—8^{h}37.●^{0}12^{h}52—13^{h}48,14^{h}05—14^{h}14,14^{h}42—14^{h}49,17^{h}10..
24	4.32	(1.4)	0.6	..●^{0}..●^{10}^{h}30—●^{0}1^{h}05..4^{h}50,6^{h}31..8^{h}11—9^{h}20,9^{h}42—9^{h}47,10^{h}38—11^{h}24,13^{h}22—13^{h}30.
25	7.05	2.0	0.5	⌓^{1}, ☾^{1}a. ☾^{1},⌓^{0}p.≡^{3}5^{h}38—≡^{4}5^{h}56—≡^{3}7^{h}08—≡^{2}7^{h}17—7^{h}43.
26	6.33	2.2	1.0	⌓^{0}, ☾^{1}a. ☾^{2},⌓^{0}p.
27	1.20	(1.2)	0.6	☾$^{0}a,p$.≡^{3}5^{h}14—≡^{4}5^{h}47—≡^{3}7^{h}15—8^{h}33.●^{0}21^{h}43—21^{h}57,22^{h}50..
28	5.40	(2.8)	1.4	☾^{2}p. ☾^{2},⌒^{0}p...●^{0}..4^{h}00,17^{h}26—18^{h}30,21^{h}03—21^{h}26,22^{h}30—22^{h}47.
29	7.02	(1.4)	1.1	☾^{0}a. ☾^{2},⌒^{0}p.●^{0}11^{h}58—13^{h}40.
30	2.92	(1.3)	0.5	∞^{0}a, ☾^{0}p.●^{0}5^{h}45—5^{h}56,9^{h}32—9^{h}39,11^{h}05—12^{h}18,14^{h}21..14^{h}40.
31	8.99	2.2	0.8	⊔^{0},⊟^{0}, ☾^{2}a. ☾^{2}⊔^{0}p.≡^{3}5^{h}32—≡^{4}5^{h}51—≡^{3}6^{h}54—≡^{2}7^{h}18—7^{h}25.
Mean	4.56	2.3	0.9	

NOVEMBER, 1947.

International Seismological Centre

Day	AIR PRESSURE (700 mm +)*							AIR TEMPERATURE °C										TENSION OF THE 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	63.0	62.4	61.5	57.9	56.9	55.4	59.5	0.8	−1.1	9.5	17.7	12.0	4.9	7.3	**18.1**	−1.1	8.5	**19.2**	4.5	4.1	6.5	7.1	**8.3**	5.9	6.1
2	53.8	54.2	55.3	54.8	56.9	58.8	55.6	4.0	5.9	12.4	11.8	7.9	6.9	8.2	13.5	2.1	7.8	11.4	6.1	6.6	6.0	6.0	5.3	4.8	5.8
3	59.6	61.1	62.2	61.1	61.7	61.5	61.2	4.5	4.9	11.6	13.5	6.5	2.3	7.2	14.0	0.8	7.4	13.2	5.2	5.0	5.7	5.1	5.7	5.0	5.3
4	60.5	60.1	58.9	54.3	53.5	54.1	56.9	−0.3	−1.2	8.2	16.4	11.9	10.0	7.5	16.9	−1.3	7.8	18.2	4.3	4.2	6.1	6.8	8.1	7.0	6.1
5	54.1	56.3	57.5	58.0	60.3	61.7	58.0	8.2	4.1	9.2	8.2	5.4	5.1	6.7	9.4	3.6	6.5	5.8	5.1	4.8	5.2	5.0	4.9	5.3	5.1
6	61.9	62.7	63.6	61.7	61.9	62.3	62.4	4.0	1.7	8.8	11.4	5.5	1.4	5.5	11.9	0.4	6.2	11.5	4.9	4.8	5.0	5.1	5.9	4.8	5.1
7	61.7	61.4	61.5	60.2	60.5	60.7	61.0	1.4	2.0	4.9	9.7	9.0	8.6	5.9	10.5	0.4	5.5	10.1	4.9	5.1	5.8	7.1	7.7	7.7	6.4
8	60.6	61.9	62.5	61.4	61.8	62.1	61.7	8.9	10.3	13.4	13.7	9.4	8.3	10.7	14.7	6.4	10.6	8.3	8.1	7.1	6.9	6.5	7.3	6.6	7.1
9	61.6	61.1	60.9	58.1	55.3	52.1	58.2	6.4	6.6	7.1	6.7	6.6	6.3	6.6	7.5	6.2	6.9	**1.3**	6.8	5.7	5.3	5.9	6.3	6.8	6.1
10	48.8	50.2	52.0	53.1	54.8	56.6	52.6	6.5	11.0	12.6	12.4	8.1	6.2	9.5	13.0	5.2	9.1	7.8	6.9	6.3	5.5	5.1	4.4	3.7	5.3
11	57.2	57.5	55.8	51.1	53.4	54.0	54.8	5.5	1.9	9.2	12.0	5.0	2.5	6.0	12.6	0.7	6.7	11.9	3.4	3.4	4.2	4.0	5.8	4.9	4.3
12	55.0	56.5	59.2	60.0	61.4	62.9	59.2	−0.1	−0.1	2.8	5.6	3.3	3.3	2.5	6.0	−1.2	2.4	7.2	4.5	3.8	3.4	4.1	4.2	3.9	4.0
13	62.9	63.4	63.9	61.0	59.8	57.3	61.4	3.1	−1.3	8.2	9.9	7.9	7.7	5.9	11.0	−1.3	4.9	12.3	3.7	3.9	4.6	5.0	6.2	6.5	5.0
14	56.4	56.9	57.8	56.4	56.8	57.3	56.9	6.9	6.3	7.6	6.4	2.7	3.8	5.6	9.1	2.0	5.6	7.1	6.6	6.4	4.7	4.5	4.6	4.0	5.1
15	57.6	59.5	60.6	60.2	61.3	61.9	60.2	2.9	3.1	6.9	8.0	4.3	1.9	4.5	8.6	0.0	4.3	8.6	4.3	4.6	4.6	4.2	4.4	4.6	4.5
16	61.6	61.7	61.9	60.3	60.7	60.2	61.1	−1.4	−0.1	2.5	5.2	4.4	4.9	2.6	5.6	−1.9	1.9	7.5	3.9	4.3	4.8	5.5	5.9	4.5	4.8
17	59.9	60.3	61.1	59.9	59.8	57.8	59.8	5.1	4.2	7.6	9.0	2.9	1.9	5.1	10.1	1.5	5.8	8.6	4.3	3.8	3.9	4.5	4.6	4.8	4.3
18	55.2	51.4	50.5	52.2	53.1	56.0	53.1	2.7	3.9	8.0	2.9	1.7	2.8	3.7	8.3	0.6	4.5	7.7	4.8	5.5	5.5	4.9	3.9	4.3	4.8
19	58.4	60.2	60.8	60.5	61.6	61.5	60.5	−0.1	−1.9	4.2	6.5	2.1	0.7	1.9	8.0	−2.4	2.8	10.4	3.6	3.5	3.7	3.7	4.1	4.2	3.8
20	60.4	59.5	59.1	57.0	58.1	60.3	59.1	−0.6	−0.7	0.7	3.5	3.7	2.1	1.5	4.6	−1.4	1.6	6.0	4.1	4.2	4.6	5.0	4.3	3.4	4.3
21	61.2	63.3	65.0	65.6	66.7	**67.3**	64.9	0.9	1.3	4.5	5.3	0.5	−2.1	1.7	6.6	−3.3	1.7	9.9	3.7	3.3	3.1	3.5	3.7	3.5	3.5
22	66.9	66.4	65.8	63.0	61.9	61.3	64.2	−3.9	−5.4	−0.9	4.2	1.9	1.5	−0.4	5.0	**−5.5**	−0.2	10.5	3.3	3.1	3.6	4.0	4.5	4.7	3.9
23	59.2	57.2	56.1	55.1	59.0	59.7	57.7	0.7	0.5	4.9	10.6	4.5	3.3	4.1	12.1	0.5	6.3	11.6	4.7	4.4	5.4	6.5	4.7	4.0	5.0
24	59.1	61.3	62.2	60.5	61.9	62.0	61.2	3.4	2.5	4.8	6.3	−0.1	−0.8	2.7	7.1	−1.5	2.8	8.6	3.4	3.4	3.5	3.6	3.6	3.9	3.6
25	62.0	62.3	62.6	59.6	58.7	55.4	60.1	−1.8	−2.1	2.1	8.2	5.4	5.1	2.8	9.1	−2.9	3.1	12.0	3.8	3.7	4.6	5.1	6.4	6.4	5.0
26	53.4	51.5	49.4	48.1	**47.6**	48.8	49.8	6.1	5.4	9.8	10.4	6.4	2.5	6.8	12.1	1.3	6.7	10.8	6.9	6.7	7.3	5.8	5.0	4.9	6.1
27	47.9	49.4	52.7	54.6	58.2	59.7	53.8	2.7	1.2	3.3	4.4	1.3	0.5	2.2	5.8	0.4	3.1	5.4	3.5	4.4	5.0	3.8	4.2	3.9	4.1
28	60.3	61.2	62.6	62.4	63.6	64.3	62.4	0.8	0.2	1.4	1.3	0.7	0.7	0.9	2.5	−0.5	1.0	3.0	**3.0**	3.2	3.1	3.3	3.2	3.3	3.2
29	64.9	65.0	64.5	62.1	61.0	57.3	62.5	0.7	0.3	4.2	5.4	3.5	2.8	2.8	5.8	−0.6	2.6	6.4	3.1	3.4	3.3	4.0	4.4	5.1	3.9
30	53.1	51.8	52.7	54.7	57.7	58.1	54.7	2.8	3.7	6.6	3.7	0.5	0.5	3.0	7.4	0.5	4.0	6.9	5.5	5.7	4.0	3.2	3.6	3.3	4.2
Mean	58.6	58.9	59.3	58.2	58.9	58.9	58.8	2.7	2.2	6.5	8.3	4.8	3.5	4.7	9.6	0.3	4.9	9.3	4.7	4.6	4.8	4.9	5.2	4.9	4.8

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND																	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		Mean 6 obs.	Mean 24 h.
1	94	97	74	47	79	91	80	WNW	1.7	NNW	1.0	—	0.3	SSE	4.7	S	3.7	S	2.0	2.2	1.7
2	100	95	56	58	67	64	73	WNW	2.0	WNW	1.0	WNW	5.8	NW	6.2	NW	5.8	WNW	4.5	4.2	4.2
3	83	79	56	44	79	92	72	NW	3.3	NE	1.2	WSW	1.0	WNW	5.2	E	0.8	—	0.0	1.9	2.5
4	95	100	75	49	78	76	79	—	0.0	—	0.0	—	0.0	SE	2.3	E	3.0	NW	4.5	1.6	1.5
5	63	79	59	62	74	82	70	W	4.8	W	1.2	WNW	9.5	WNW	10.0	N	3.2	WSW	1.3	5.0	4.6
6	81	92	59	51	88	96	78	—	0.3	—	0.0	E	1.3	N	2.2	SSE	0.8	—	0.5	0.9	0.9
7	98	96	89	79	89	92	91	S	0.7	—	0.0	NNW	0.8	NNW	1.0	—	0.0	NW	1.7	0.7	0.6
8	96	77	60	56	83	81	76	—	0.5	W	3.0	WSW	1.0	NNW	1.7	ESE	1.0	NE	1.0	1.4	1.5
9	95	78	70	81	87	95	84	—	0.0	NW	2.0	NW	1.7	NW	1.0	—	0.0	—	0.5	0.9	1.0
10	95	64	50	48	55	52	61	—	0.5	NNW	7.7	NNW	10.8	WNW	4.8	NNW	10.7	WNW	3.7	6.4	5.0
11	51	65	48	38	89	89	63	NE	3.0	—	0.0	ESE	4.3	SSW	7.5	WNW	0.8	WNW	5.5	3.5	3.1
12	100	83	61	61	74	66	74	W	8.7	WNW	6.2	WNW	7.0	WNW	6.3	N	2.2	NW	2.0	5.4	5.2
13	65	92	57	55	77	84	72	NNE	1.2	—	0.0	SE	2.7	SSE	4.3	S	2.5	SE	2.5	2.2	2.5
14	89	90	61	62	83	67	75	ENE	0.7	WNW	1.7	WNW	3.3	NW	3.2	S	1.3	W	9.3	3.3	3.3
15	77	80	61	53	72	88	72	WNW	7.5	W	6.8	WNW	7.2	NW	4.5	NW	4.5	—	0.2	5.1	5.5
16	95	95	89	83	95	70	88	—	0.0	—	0.2	—	0.0	—	0.0	NE	1.2	ENE	3.5	0.8	0.8
17	66	62	50	52	82	92	67	S	1.2	ENE	2.0	NNW	3.2	WNW	2.2	—	0.2	—	0.0	1.5	1.7
18	87	91	68	87	75	77	81	WNW	1.7	—	0.0	NW	4.3	NW	5.7	W	8.0	NNE	2.7	3.7	3.4
19	79	87	61	51	77	88	74	NNW	3.3	—	0.5	—	0.5	NW	3.5	NW	2.3	—	0.0	1.7	1.6
20	93	97	96	86	72	63	85	—	0.0	—	0.3	—	0.3	NW	1.5	NW	3.8	NW	5.3	1.9	1.7
21	76	65	50	52	77	89	68	WNW	3.5	NW	2.5	WNW	4.5	NW	4.2	ENE	1.0	NW	1.0	2.8	2.4
22	97	100	85	65	86	92	88	—	0.3	—	0.0	—	0.2	—	0.2	NNW	1.2	—	0.3	0.4	0.5
23	98	94	83	68	75	69	81	E	0.8	SE	1.3	—	0.0	NNW	3.5	NW	0.8	NNW	1.7	1.4	2.3
24	58	62	55	51	81	90	66	W	6.0	NW	1.3	NNW	4.3	N	2.5	—	0.0	SSE	1.0	2.5	2.0
25	95	95	86	63	95	98	89	—	0.0	—	0.0	N	1.3	—	0.0	E	2.3	NW	2.8	1.1	0.9
26	98	100	80	61	69	89	83	SSE	1.2	SSE	0.7	SE	5.8	WSW	7.8	WSW	5.0	SSW	3.8	4.1	3.5
27	63	88	87	61	84	82	78	SW	6.3	WSW	13.7	WSW	10.7	NW	8.7	NW	3.7	NNW	5.8	8.2	7.3
28	62	69	61	65	66	68	65	WSW	4.7	N	1.8	N	4.2	NW	3.2	NNW	4.0	NW	5.8	4.0	4.4
29	65	73	53	60	75	90	69	NNW	5.7	NE	1.0	—	0.2	SSE	2.8	SE	2.8	ESE	0.8	2.2	2.2
30	98	96	54	54	76	70	75	E	2.5	E	0.8	W	**15.3**	W	10.7	W	6.8	W	9.5	7.6	8.4
Mean	84	85	66	60	79	81	76		2.4		1.9		3.7		4.0		2.8		2.8	2.9	2.9

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

NOVEMBER, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	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	—	—	—	—	—	—	0 —	0 —	0 k	0 k	0 —	0 —	0.0	—	—	—	—	—	—	—
2	—	W9	W8	W8	—	—	10 sk,n	7 sk	9 sk,k	2 k	1 sk	2 k	5.2	—	1.5	—	0.0	—	0.2	1.7
3	—	NW9	W8	—	—	—	0 k	7 sk,kc	1 k	0 k	1 sk	0 k	1.5	—	—	—	—	—	—	—
4	—	—	—	—	—	—	0 —	10 ≡	0 k	3 k	10 n	9 n,sk	5.3	—	—	—	—	1.5	4.9	6.4
5	—	—	W8	W9	—	—	1 k	7 n,sk,k	5 n,sk	3 sk,k	10 s,sk	10 s	6.0	0.0	0.2	0.2	0.4	—	0.1	0.9
6	—	W9	W8	—	—	—	10 sk	9 sk	10 sk,s	0 k,c	0 —	0 —	4.8	—	—	—	—	—	—	—
7	—	W7	W8	W8	—	—	10 sk	10 sk	10 sk	10 sk	10 sk	10 n	10.0	—	—	—	—	—	0.0	0.0
8	—	W8	—	W7	—	—	10 sk	10 sk,sc	10 sk,k	9 sk,kc,k	9 sk	10 sk	9.7	0.4	—	—	—	—	—	0.4
9	—	—	—	—	—	—	10 sk	10 sc	10 n	10 s	10 s	10 s	10.0	—	—	0.0	0.0	—	—	0.0
10	—	W9	W8	W8	—	—	10 s	10 sk	1 k	2 k	1 k	0 k	4.0	—	—	—	—	—	—	—
11	—	—	—	—	—	—	0 k	1 k	1 k	9 sk,s	10 n	10 n	5.2	—	—	—	—	4.6	1.7	6.3
12	—	—	W9	—	—	—	5 n	10 n	5 sk,n	2 sk,k,s	7 sk,s	3 sk	5.3	1.1	1.8	0.9	—	0.0	—	3.8
13	—	—	—	W5	—	—	3 sk	2 sk,ck	4 ck	7 kc	10 sk	8 sk	5.7	—	—	—	—	—	—	—
14	—	W9	W8	W8	—	—	10 s	5 sk	4 sk,k	3 sk,k	0 sk	0 —	3.7	0.2	—	—	—	—	—	0.2
15	—	—	—	—	—	—	1 s	10 n	2 sk,k	2 sk,k	1 sk	3 sk	3.2	0.1	0.3	0.1	—	—	—	0.5
16	—	W8	—	W8	—	—	2 sk	9 sk,s	10 n,sk	10 n,sk	10 n	10 s	8.5	—	—	0.0	0.0	0.6	0.2	0.8
17	—	—	—	—	—	—	9 sk	2 k	2 c,sk	8 cs,sk	3 cs	10 s	5.7	—	—	—	—	—	—	—
18	—	—	—	—	—	—	10 s	10 sc,sk	10 sk,sc	10 n	8 sk	9 sk	9.5	—	—	0.0	0.2	0.8	0.2	1.2
19	—	—	W7	W8	W7	—	0 —	0 ck	9 sk,k	6 sk	6 sk	10 sk	5.2	—	—	—	—	—	—	—
20	—	—	—	—	W7	—	3 sk	10 sk	10 n	10 sk,sc,k	8 sk,ck	0 k	6.8	—	—	0.3	0.0	—	—	0.3
21	—	W8	W9	W8	—	—	1 k	9 sk	8 sk	2 k,sk	0 k	5 cs	4.2	—	—	—	—	—	—	—
22	—	—	—	—	—	—	8 cs	2 ck	10 sc,ck	10sc,kc,cs	9 sc,ck	9 sk	8.0	—	—	—	—	—	—	—
23	—	W5,W8	W9	W8	—	—	10 s	10 sk,kc	10 sk	10 sk,n	3 s	0 sk	7.2	—	—	—	0.0	0.0	—	0.0
24	—	W9	—	—	—	—	2 sk	6 sk	10 sc,sk	10 sc,sk	3 kc	7 ks	6.3	—	—	—	—	—	—	—
25	—	W7	—	—	—	—	3 sk	8sk,kc,cs	10cs,sk,kc	10 sc,sk	10 n	10 sk,s	8.5	—	—	—	—	0.2	0.7	0.9
26	—	—	W7	W7	—	—	10 s	10 s	9 s,sk,k	9 n,sk	9 n,k	10 n	9.5	—	0.2	—	0.5	1.0	1.5	3.2
27	—	—	—	W9	—	W9	10 n	10 n	10 n,sk	7 n,sk	2 sk	10 sk,n	8.2	2.7	1.4	4.0	0.1	0.0	0.1	8.3
28	W9	W9	W9	W9	W8	W8	6 sk	10 sk	10 sk,k	10 n,sk	10 s,sk	10 s,sk	9.3	0.0	—	—	0.0	0.0	—	0.0
29	W8	—	—	—	—	W9	8 sk	10 sk	10 cs,sk	10 sc	10 sc	10 n,sk	9.7	—	—	—	—	—	0.4	0.4
30	W9	W9	—	—	—	W9	10 sk,n	10 sk,n	2 cs,k	7 n,k	10 n	9 sk,n	8.0	0.9	1.5	0.2	0.0	0.2	0.1	2.9
							5.7	7.5	6.7	6.4	6.0	6.5	6.5	5.4	6.9	5.7	1.2	8.9	10.1	38.2

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	7.84	(2.7)	1.4	$\sqcup^{2}$,$\boxminus^{0}$,∞^{0}, $0^{2}a.$ 0^{1},$\frown^{0}p.\equiv^{47h}55$—$\equiv^{2}8^{h}20$—$8^{h}45$.
2	6.43	(2.5)	1.9	$0^{0}a.$ $0^{1}p.$ $\swarrow^{0}$WNW$1^{h}47$—,$\bullet^{0}2^{h}11$—,—$\swarrow^{0}$—$2^{h}18$.—$\bullet^{0}4^{h}30$,$12^{h}04$..$13^{h}10$,$19^{h}05$—$19^{h}20$.
3	7.98	2.5	1.3	$0^{2}a.$ 0^{2},$\sqcup^{0}p.$ *$\bullet^{1}19^{h}46$—$\bullet^{0}20^{h}50$—$22^{h}20$..
4	6.58	(3.1)	1.3	$\sqcup^{2}$,$\boxminus^{0}$, $0^{0}a.$ $0^{0}p.\equiv^{3}4^{h}30$—$\equiv^{5}5^{h}10$—$\equiv^{4}8^{h}16$—$\equiv^{3}8^{h}28$—$8^{h}43$.$\bullet^{0}16^{h}45$—$17^{h}35$,$18^{h}14$—$\bullet^{1}18^{h}35$—$\bullet^{0}18^{h}40$—*
5	8.09	(2.0)	1.1	$0^{1}a.$ 0^{0},$\frown^{0}p.$..$\bullet^{0}$..$1^{h}20$,$4^{h}30$..$6^{h}25$,$8^{h}45$..$12^{h}16$,$21^{h}44$—$21^{h}54$.$\swarrow 12.2^{h}$,12.7^{h},13.0^{h}—14.0^{h}
6	6.03	1.7	0.7	$0^{0}a.$ 0^{1},$\sqcup^{0}$,$\boxminus^{0}p.$
7	0.73	(1.1)	0.6	$\boxminus^{0}a.\bullet^{0}20^{h}00$..$21^{h}56$—$22^{h}48$.
8	3.13	1.3	0.7	$0^{1}a.$ $0^{2}p.\bullet^{0}6^{h}20$—$6^{h}24$.
9	—	1.6	0.9	$0^{0}a.\bullet^{0}8^{h}37$—$8^{h}42$,$9^{h}59$—$10^{h}13$.
10	7.45	3.3	2.4	$0^{1}a.p.\swarrow 10.0^{h}$,$17.7^{h}$,$18.0^{h}$,$18$,$7^{h}$—$18.8^{h}$,$19.2^{h}$,$19.7^{h}$—$21.2^{h}$
11	6.54	(1.6)	1.0	$0^{2}a.\bullet^{0}14^{h}42$—$18^{h}32$,$18^{h}50$—
12	5.79	1.8	1.0	$\boxminus^{0}$, $0^{0}a.$ $0^{1}p.$—$\bullet^{0}$—$*^{0}0^{h}45$—$*^{17}h56$—$*^{0}8^{h}03$—$8^{h}30$.$\boxtimes$,$\boxtimes 1^{h}13$—$13^{h}10$.$*^{0}15^{h}45$—$16^{h}50$.
13	5.64	(2.1)	1.2	$\sqcup^{0}\boxminus^{0}$ $0^{0}a.$ $0^{2}p.$
14	7.08	(2.3)	1.3	$0^{1}a.p.\bullet^{0}0^{h}30$—$1^{h}23$.$\circledcirc^{1}19^{h}51^{m}37^{s}$
15	8.06	2.3	1.3	$0^{1}a,p.\bullet^{0}1^{h}10$—$1^{h}55$..$6^{h}20$.$\swarrow 1.0^{h}$,$1.7^{h}$,$9.0^{h}$,$10.5^{h}$—$11.3^{h}$.
16	0.30	(1.7)	0.5	$\sqcup^{1}$,$\boxminus^{0}$, $0^{0}a,$ $0^{0}p.\bullet^{0}8^{h}55$..$20^{h}20$.
17	7.26	1.7	0.8	$0^{2}a,p.$
18	1.83	(1.2)	0.7	$\boxminus^{0}p.\bullet^{0}7^{h}46$..$*^{0}14^{h}45$—$\triangle^{0}16^{h}01$—$*^{0}16^{h}20$..$20^{h}15$.
19	6.42	(2.3)	1.2	$\boxminus^{1}$,$\sqcup^{1}$, $0^{2}a.$ 0^{1},$\boxminus^{0}p.$
20	0.58	1.3	1.0	$\boxminus^{0}$, $0^{0}a.$ $0^{0}p.*^{0}8^{h}10$—$10^{h}45$.
21	7.14	2.7	1.4	$\sqcup^{0}$,$\boxminus^{0}$, $0^{1}a.$ $0^{2}\sqcup^{1}\boxminus^{0}p.\circledcirc^{1}11^{h}46^{m}46^{s}$
22	2.97	1.3	0.4	$\sqcup^{1}$,$\boxminus^{1}$, $0^{1}a.$ $0^{0}p.$
23	2.52	1.8	1.4	$\infty^{0}a.\frown^{0}p.\bullet^{0}13^{h}08$..$14^{h}33$,$16^{h}25$..$16^{h}47$.
24	4.80	2.1	0.8	$\boxminus^{0}$, $0^{1}a.$ 0^{1},$\sqcup^{0}\boxminus^{0}p.$
25	0.97	(1.0)	0.5	$\sqcup^{1}$,$\boxminus^{1}a.$ 0^{0},$\infty^{0}p.\bullet^{0}16^{h}47$—$20^{h}40$.
26	3.17	(1.1)	0.8	$\bullet^{0}3^{h}28$—$3^{h}50$.$\equiv^{3}6^{h}35$—$\equiv^{4}6^{h}47$—$\equiv^{2}7^{h}13$—$\bullet^{0}7^{h}48$—$8^{h}06$,$11^{h}10$..
27	3.60	(2.9)	1.6	0^{0},$\boxminus^{0}p.$..$\bullet^{0}$..$*^{0}0^{h}30$—$9^{h}51$..$10^{h}47$,$13^{h}58$..$14^{h}46$,$19^{h}47$—$21^{h}18$..$23^{h}00$.$\swarrow 3.8^{h}$—4.2^{h},5.0^{h}—6.5^{h},10.0^{h}—11.8^{h}
28	1.67	2.2	1.4	$\boxminus^{0}a,p.*^{0}12^{h}05$..$16^{h}50$.
29	4.38	(2.0)	0.8	$\boxminus^{1}$, $0^{0}a,$ $0^{0}p.\bullet^{0}20^{h}40$— *$45^{s}$
30	7.16	(3.4)	1.9	$0^{0}a,\boxminus^{1}p.$—$\bullet^{0}$—$0^{h}00$..$6^{h}23$,$\twoheadrightarrow^{0}13^{h}20$..$16^{h}45$—$19^{h}10$..$23^{h}00$.$\swarrow 10.0^{h}$—$14.5^{h}$,$15.7^{h}$—$17.5^{h}$,$18.7^{h}$—$21.8^{h}$,$\circledcirc^{1}22^{h}02^{m}$**
Mean	4.74	2.0	1.1	

DECEMBER, 1947.

International Seismological Centre

Day	AIR PRESSURE (700 mm+)*							AIR TEMPERATURE °C										TENSION OF THE 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	58.5	59.7	61.5	59.8	59.3	57.8	59.4	1.4	1.9	3.5	3.3	1.9	1.1	2.2	4.2	1.1	2.7	3.1	3.2	3.2	3.1	3.4	3.9	4.2	3.5
2	54.5	49.3	46.6	47.4	49.6	51.1	49.8	−0.1	0.2	1.6	5.2	3.1	1.5	1.9	**8.0**	0.0	4.0	8.0	4.4	4.5	4.8	4.8	3.3	3.7	4.3
3	53.1	54.4	56.2	56.3	58.0	57.3	55.9	0.6	0.5	3.9	4.7	1.7	0.5	2.0	5.8	0.0	2.9	5.8	4.2	3.0	3.3	3.0	3.9	4.3	3.6
4	56.0	55.6	56.7	56.7	58.9	59.6	57.3	0.1	−0.3	−0.4	−1.0	−2.8	−2.5	−1.1	0.2	−3.3	−1.5	3.5	4.4	3.5	3.5	4.0	3.2	2.7	3.6
5	61.1	62.2	62.9	61.0	61.0	60.3	61.4	−1.7	−1.8	−0.9	0.3	−0.7	−1.2	−1.0	1.3	−2.2	−0.4	3.5	2.9	3.1	3.3	3.2	4.0	4.0	3.4
6	59.5	60.0	61.1	58.6	57.6	57.4	59.0	−1.2	−3.8	0.8	5.4	1.9	2.0	0.9	6.0	−4.1	1.0	10.1	3.6	3.2	3.9	3.5	3.6	4.3	3.7
7	58.1	59.1	60.2	59.4	59.8	60.7	59.6	0.9	1.1	3.8	3.1	0.3	−0.1	1.5	4.6	−0.3	2.2	4.9	4.6	3.5	3.5	3.2	4.3	3.4	3.8
8	61.9	62.7	64.6	63.5	64.8	64.5	63.7	−0.9	−1.9	−0.2	1.2	−2.6	−3.2	−1.3	1.6	−4.1	−1.2	5.7	3.0	2.6	2.8	2.9	3.1	3.1	2.9
9	63.1	61.8	60.7	56.1	52.6	49.2	57.3	−3.1	−3.1	−2.4	−1.2	−0.7	0.0	−1.7	0.1	−4.4	−2.1	4.5	3.1	3.1	3.6	4.1	4.2	4.3	3.7
10	47.4	45.2	41.9	**38.0**	42.1	42.7	42.9	1.3	2.9	4.5	6.8	3.3	1.9	3.5	7.4	−0.2	3.6	7.6	4.8	5.5	**6.3**	5.7	4.7	3.5	5.1
11	45.3	46.2	46.5	45.8	47.0	47.8	46.5	−2.7	−4.7	−3.7	−4.6	−5.4	−5.6	−4.4	−0.3	−5.9	−3.1	5.6	3.8	3.1	3.1	3.0	3.1	2.8	3.2
12	48.8	50.3	50.9	48.7	49.2	50.4	49.7	−5.1	−4.6	−3.8	−3.7	−4.1	−5.5	−4.5	−3.0	−6.0	−4.5	**3.0**	2.9	2.7	3.1	3.3	3.2	2.9	3.0
13	52.6	54.7	56.0	55.3	56.8	57.5	55.5	−6.0	−6.2	−2.8	−2.5	−5.4	−5.8	−4.8	−1.5	−6.4	−3.9	4.9	2.8	2.6	3.2	2.8	2.8	2.9	2.9
14	57.8	57.6	57.8	56.9	57.3	57.2	57.4	−5.6	−6.8	−3.6	−4.2	−6.2	−6.6	−5.5	−2.3	−7.9	−5.1	5.6	2.8	2.7	2.9	2.8	2.4	2.7	2.7
15	58.4	60.2	61.8	61.6	62.8	62.2	61.2	−7.2	−6.8	−3.1	−2.3	−5.2	−5.4	−5.0	−0.6	−8.8	−4.7	8.2	2.5	2.7	2.9	2.8	2.6	3.0	2.8
16	62.1	62.7	62.2	61.1	61.1	61.7	61.8	−4.4	−4.9	−2.2	0.5	−5.2	−9.1	−4.2	0.9	−12.2	−5.6	13.1	3.2	3.1	2.8	2.8	2.3	2.2	2.7
17	61.1	61.2	61.1	59.6	59.5	59.0	60.3	−7.8	−8.7	−6.0	−3.7	−5.2	−10.5	−7.0	−3.3	−11.2	−7.2	7.9	2.5	2.3	2.3	2.8	2.9	2.1	2.5
18	60.1	60.3	60.1	59.7	60.8	60.6	60.3	−6.5	−4.4	−2.8	−2.8	−5.2	−6.4	−4.7	−1.1	−10.0	−5.5	8.9	2.7	2.6	2.9	3.0	2.2	2.7	2.7
19	59.5	59.4	59.4	58.0	58.7	58.7	59.0	−12.8	−11.4	−6.6	−2.5	−8.1	−7.7	−8.2	−1.1	−13.9	−7.5	12.8	1.6	1.8	2.7	2.8	2.3	2.2	2.2
20	58.0	58.8	60.9	60.3	61.9	62.9	60.5	−12.0	−9.6	−4.8	−1.0	−3.3	−4.7	−5.9	1.6	**−14.1**	−6.2	**15.7**	1.7	2.1	2.5	2.9	2.5	2.9	2.4
21	63.2	63.1	62.7	59.4	58.7	57.5	60.8	−4.8	−6.7	−4.4	−1.8	−7.9	−8.3	−5.6	−0.7	−9.2	−4.9	8.5	3.1	2.7	2.8	3.3	2.4	2.4	2.8
22	57.2	57.4	57.2	55.5	55.0	53.8	56.0	−8.2	−7.7	−2.1	0.7	−2.9	−3.9	−4.0	1.5	−9.1	−3.8	10.6	2.4	2.5	3.1	3.5	3.2	3.0	3.0
23	54.6	56.5	58.7	58.7	60.8	61.7	58.5	−3.2	−2.3	−2.7	−2.5	−5.4	−5.6	−3.6	−1.3	−6.5	−3.9	5.2	3.5	2.7	2.2	2.2	2.5	2.8	2.7
24	61.2	61.9	64.1	63.7	64.3	64.6	63.3	−6.0	−6.0	−2.7	−2.5	−3.4	−2.1	−3.8	−1.9	−6.4	−4.1	4.5	2.6	2.7	2.6	2.9	3.1	3.1	2.8
25	64.9	64.7	64.8	62.9	62.4	62.8	63.8	−2.8	−3.1	−1.2	1.7	−0.6	−0.6	−1.1	2.1	−3.2	−0.5	5.3	3.3	3.4	3.8	3.1	3.4	3.1	3.4
26	63.4	64.4	65.6	65.7	66.3	**66.7**	65.4	0.3	−1.7	0.9	1.1	−6.1	−10.3	−2.6	1.3	−12.3	−5.5	13.6	3.1	2.9	2.9	2.8	2.3	1.9	2.7
27	66.4	65.6	64.5	60.5	58.5	54.4	61.7	−13.7	−12.3	−6.9	−3.7	−3.0	−1.9	−6.9	−1.6	**−14.1**	−7.8	12.5	**1.5**	1.7	2.2	2.6	3.0	3.5	2.4
28	49.7	46.1	45.8	43.4	45.4	46.2	46.1	−1.1	−0.6	1.9	6.2	3.1	1.3	1.8	6.8	−1.7	2.6	8.5	3.7	4.2	4.7	5.2	4.5	4.6	4.5
29	46.2	46.4	47.8	47.9	50.2	52.2	48.5	0.1	−2.5	−2.7	−5.8	−7.0	−8.4	−4.4	0.5	−9.0	−4.2	9.5	4.1	3.6	3.2	2.7	2.2	2.4	3.0
30	54.1	57.4	60.2	59.8	61.6	62.0	59.2	−8.3	−7.4	−2.8	−2.3	−2.1	−1.3	−4.0	−0.9	−9.6	−5.2	8.7	2.0	1.6	1.9	2.7	2.9	3.0	2.4
31	63.0	64.3	63.9	61.5	60.4	57.2	61.7	−0.7	−1.5	−0.8	3.1	−2.6	−2.1	−0.8	3.6	−3.7	0.0	7.3	2.9	3.1	3.2	3.2	3.3	3.7	3.2
Mean	57.4	57.7	58.2	56.9	57.5	57.3	57.5	−3.9	−4.0	−1.6	−0.2	−2.8	−3.6	−2.7	1.2	−6.4	−2.6	7.6	3.1	3.0	3.2	3.3	3.1	3.1	3.1

Day	RELATIVE HUMIDITY %							DIRECTION AND VELOCITY (m. p. s.) OF THE WIND												Mean	
	2	6	10	14	18	22	Mean	2		6		10		14		18		22		6 obs.	24 h.
1	64	62	53	59	76	84	66	NNW	7.8	WNW	5.5	NW	1.8	N	3.0	—	0.0	—	0.5	3.1	3.7
2	98	98	94	73	58	73	82	—	0.5	—	0.0	WNW	0.7	W	5.3	W	8.5	W	**11.7**	4.5	4.8
3	88	62	54	**47**	75	92	70	W	7.3	W	9.0	SE	3.2	NW	5.2	WNW	2.3	E	1.5	4.8	5.0
4	96	79	79	95	87	69	84	ESE	2.0	NNE	1.5	NW	2.3	W	3.2	WSW	10.2	N	5.8	4.2	4.0
5	70	77	78	68	93	95	80	NNW	3.8	NW	2.5	WNW	1.5	—	0.0	—	0.0	WNW	0.7	1.4	1.7
6	85	92	80	52	68	81	76	—	0.2	NW	1.5	W	0.8	E	1.0	S	0.8	S	2.3	1.1	1.3
7	94	71	58	57	92	75	75	—	0.0	NE	2.7	N	4.2	NNW	5.0	NNW	5.0	NNW	6.0	3.8	3.6
8	69	66	62	58	82	86	71	NNW	6.2	NNW	7.8	NNW	8.3	NNW	5.7	ENE	1.8	NW	0.8	5.1	5.0
9	84	86	95	97	97	95	92	NNW	2.2	NNW	1.2	NNW	2.2	—	0.0	W	0.7	S	1.0	1.2	0.8
10	96	98	100	76	82	66	86	SSE	1.2	N	3.5	NW	2.0	WNW	8.3	N	1.7	NW	4.7	3.6	3.2
11	100	97	89	91	100	91	95	WNW	3.5	—	0.0	—	0.0	NW	0.7	W	6.8	WSW	0.8	2.0	2.7
12	91	83	89	94	94	94	91	WNW	6.3	SW	2.2	W	2.2	SE	1.2	—	0.0	—	0.0	2.0	1.6
12	94	90	87	74	91	97	89	NNW	1.7	SW	2.7	—	0.2	W	3.8	NNE	1.2	—	0.5	1.7	1.7
14	94	97	84	83	82	97	90	—	0.5	—	0.0	—	0.0	N	1.0	NNW	2.2	ESE	1.2	0.8	0.9
15	94	97	79	72	85	97	87	SE	1.0	—	0.0	—	0.0	NNW	3.3	—	0.5	SSW	0.7	0.9	1.2
16	97	97	72	59	74	93	82	SSW	1.3	—	0.0	—	0.2	—	0.3	SW	1.3	SE	1.5	0.8	0.8
17	97	97	79	81	94	100	91	NW	0.7	WNW	1.2	NNW	0.8	WSW	1.0	—	0.0	W	1.8	0.9	0.6
18	97	78	79	86	72	97	85	SE	0.7	SSE	1.3	W	1.5	NW	1.5	WNW	3.7	S	1.5	1.7	1.5
19	96	96	97	74	93	84	90	W	0.7	—	0.0	—	0.0	N	1.5	ENE	1.5	ENE	1.2	0.8	0.7
20	91	96	77	69	71	88	82	—	0.2	N	0.7	NW	2.0	NW	2.3	NNW	2.8	SSE	1.3	1.6	1.6
21	97	97	86	82	93	97	92	—	0.5	SSE	1.0	—	0.2	E	0.8	W	1.8	—	0.0	0.7	0.6
22	97	97	80	72	87	89	87	W	1.7	NNW	2.0	—	0.2	WNW	2.2	—	0.2	—	0.2	1.1	1.0
23	97	69	60	58	82	94	77	NW	0.7	NNW	3.8	NW	5.7	NW	2.7	SE	0.8	SE	0.7	2.4	2.9
24	91	94	69	77	86	80	83	—	0.3	NE	1.7	NW	4.8	NNW	3.2	NE	1.8	E	1.0	2.1	2.1
25	89	95	90	63	78	71	81	N	1.7	SE	0.8	ENE	2.5	WNW	2.3	NW	7.3	ENE	7.8	3.7	3.2
26	66	73	60	57	79	92	71	NNW	5.2	NNW	5.7	NNW	5.8	WNW	5.3	NE	1.0	SSE	0.8	4.0	3.4
27	95	96	81	73	81	87	86	—	0.0	—	0.0	—	0.2	WNW	1.3	—	0.0	—	0.0	0.3	0.6
28	87	95	90	74	78	92	86	ESE	0.8	SE	0.7	ENE	1.7	N	1.5	WNW	4.5	WNW	3.2	2.1	2.0
29	89	95	84	91	81	97	90	W	1.2	W	5.0	W	6.2	WNW	6.8	NNW	3.0	NW	4.5	4.5	4.5
30	83	62	51	69	75	74	69	NW	5.5	NW	4.7	N	3.7	WSW	7.5	N	4.2	NW	8.2	5.6	5.3
31	67	75	74	57	87	95	76	WNW	4.3	ENE	1.0	—	0.0	—	0.0	—	0.0	NE	0.8	1.0	1.7
Mean	89	86	78	72	83	88	83		2.2		2.2		2.1		2.8		2.4		2.3	2.4	2.4

* Reduction: to standard gravity, −0.4; to mean sea level, +6.1

DECEMBER, 1947.

International Seismological Centre

Day	DIRECTION AND SPEED OF CLOUDS						AMOUNT (0-10) AND FORMS OF CLOUDS							PRECIPITATION mm						
	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	—	—	—	—	5 sk	3 k	7 cs,sk	10 sk,c	10 sc	10 n	7.5	0.0	—	—	—	—	0.0	0.0
2	—	—	—	—	—	—	10 n	10 n	9 n	10 n	1 n	7 n,k	7.8	3.3	4.1	2.2	0.4	0.1	0.4	10.5
3	—	—	W8	W8	—	—	10 n	0 s,k	2 sk	5 sk	10 n,sk	10 sk	6.2	0.7	0.2	—	—	0.0	0.2	1.1
4	—	—	—	—	—	—	10 sk	10 sk	10 n	10 n	3 n	1 n	7.3	—	0.0	0.4	0.4	0.3	0.0	1.1
5	—	—	—	—	—	—	5 sk	10 n,sk	10 sc,sk	10 sc,sk	10 sc	10 sk	9.2	—	0.0	—	—	—	—	0.0
6	—	—	—	—	—	—	10 n,sk	2 sk	5 sk	0 k	7 sk	10 n	5.7	0.0	0.0	—	—	—	0.0	0.0
7	—	W8	W8	W8	—	—	2 sk	5 sk	4 sk,s	3 sk,s	10 sk	4 sk	4.7	0.7	—	—	—	—	—	0.7
8	—	—	—	—	—	—	1 sk	1 sk	1 k	0 k	0 —	2 sk	0.8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	10 sk	10 kc,sc	10 s	10 n	10 s	10 n	10.0	—	—	1.8	0.7	0.1	0.3	2.9
10	—	—	—	—	—	—	10 s	10 sk,sc	10 n	10 sk,s,kc	10 n,sk	9 n	9.8	0.2	—	2.0	2.7	0.1	0.3	5.3
11	—	—	—	—	—	—	10 n	10 n	10 n	10 n	10 n	10 n	10.0	0.8	1.7	3.4	3.5	2.3	4.1	15.8
12	—	—	—	—	—	—	10 n	10 n,sk	10 n	10 n	10 n	10 n	10.0	2.0	1.0	1.4	2.4	5.0	4.6	16.4
13	—	—	—	—	—	—	10 n	10 n	10 cs,sk,s	7 sk,cs	10 n	10 n	9.5	**6.0**	1.7	0.9	—	0.0	2.1	10.7
14	—	—	—	—	—	—	10 n	10 n	10 n	10 n	10 s	10 n	10.0	0.3	0.3	0.3	0.1	0.2	0.6	1.8
15	—	—	—	W9	—	—	10 n	10 n	10 sk,s	7 sk	10 sk	10 n	9.5	0.3	0.5	0.2	—	—	0.0	1.0
16	—	—	W8	W7	—	—	10 n	10 n	10 sk,k	9 sk,s,k	7 sk	0 —	7.7	0.3	1.0	0.1	—	—	—	1.4
17	—	—	—	—	—	—	8 sk	9 sk,sc	10 sc	10 n	3 sk	0 —	6.7	—	—	—	0.0	0.1	—	0.1
18	—	W8	—	—	—	—	10 n	8 sk	9 sk	10 n	2 s	7 n	7.7	1.2	0.5	—	0.1	0.4	0.1	2.3
19	—	—	—	W8	—	—	3 ≡	10 s	7 s	4 sk,s	6 sk	0 —	5.0	0.0	0.0	0.2	—	—	—	0.2
20	—	—	—	—	—	—	0 —	1 sk	1 k	2 k,s	10 n,sc	10 n	4.0	—	—	—	—	0.0	0.0	0.0
21	—	—	—	—	—	—	10 n	5 n,sk	10 sc,sk	10 sk	3 sk	8 sk	7.7	0.6	0.1	0.0	—	—	—	0.7
22	—	—	—	—	—	—	9 sk	3 kc,sk	2 kc	10 sk	10 sk	10 sc	7.3	—	—	—	—	—	—	—
23	—	—	—	W8	W9	—	10 n	10 n	10 sk,s	10 sk,s	9 sk	10 s	9.8	1.0	0.1	0.1	0.0	0.0	—	1.2
24	—	—	—	—	—	—	10 sk	10 n	10 n	10 n,sk	10 n	10 n	10.0	—	0.0	0.5	0.0	0.0	0.0	0.5
25	—	—	—	W9	W9	W9	10 n	10 n	10 n	9 sk,s	5 sk	8 sk	8.7	0.2	0.4	0.6	0.1	0.0	—	1.3
26	W9	W9	—	—	—	—	8 sk	5 sk	0 k	1 c,k	1 cs	0 cs	2.5	—	—	—	—	—	—	—
27	—	—	—	—	—	—	0 —	10 sc,kc	10 sc	10 sc	10 sc	10 s	8.3	—	—	—	—	—	—	—
28	—	—	—	—	—	—	10 s	10 n	10 sk,sc	10 sk,kc,s	10 s,sk,kc	6 sk,s	9.3	—	0.3	0.4	—	—	—	0.7
29	W9	—	—	—	—	—	9 s	10 n	10 n,sk	10 n	10 n	10 n	9.8	0.9	2.4	0.8	0.8	0.8	4.1	9.8
30	—	—	W8	—	—	—	6 sk	1 sk	4 k	10 n	10 s	9 n,s	6.7	0.3	—	—	0.0	0.1	0.0	0.4
31	—	—	—	—	—	—	10 s	10 sk	10 sc	10 sc	10 sc	10 sc,sk	10.0	0.0	—	—	—	—	—	0.0
							7.9	7.5	7.8	8.0	7.6	7.5	7.7	18.8	14.3	15.3	11.2	9.5	16.8	85.9

Day	Duration of Sunshine (in hours)	Amount of Evaporation mm		REMARKS
		Open Air	in the Shelter	
1	3.88	(1.4)	0.7	☰^{1}a.☰^{0}p.△^{0}21^{h}59—✳^{0}23^{h}40—,◸2.8^{h}—5.0^{h},5.5^{h}
2	1.99	(1.3)	1.1	☰$^{0}a.p$.—✳^{0}—✳1^{h}00—●^{0}4^{h}32—↠^{0}16^{h}15—,|✳|,⊠0^{h}20—10^{h}40.19^{h}30—,◸15.5^{h},16.2^{h}—16.5^{h},16.8^{h}—22.2^{h},23.7^{h}
3	5.64	(1.9)	1.1	☰^{0}, ☾$^{0}a,p$.—↠^{0}—3^{h}30.—⊠—8^{h}50.△^{0}17^{h}28—20^{h}26.◸4.5^{h}—5.8^{h},6.3^{h},6.7^{h}—9.0^{h}
4	0.10	(1.4)	1.4	☰^{0}a.☰^{1}p.✳^{0}2^{h}47—3^{h}10,7^{h}26—23^{h}00…,|✳|,⊠14^{h}17—,◸15.9^{h}—16.3,17.3^{h},17.5^{h}—18.3^{h}
5	0.25	1.1	0.7	☰^{1}, ☾^{0}a.☾^{0},☰^{0}p…✳^{0}..8^{h}20.—⊠—9^{h}30.◸0.8^{h}
6	7.45	(1.9)	1.1	☰^{1}a.☾^{1}p.✳^{0}1^{h}30—2^{h}20.●^{0}20^{h}40..
7	6.43	2.3	1.8	☰^{0}, ☾$^{0}a.p$…●^{0}..0^{h}30.
8	8.53	(1.4)	1.3	☰^{0}, ☾^{0}a.☾^{2},⊔^{1},☰^{1}p.◸4.2^{h}—5.5^{h}9.0^{h}—9.2^{h}
9	—	(0.5)	0.2	⊔^{1}☰^{1}a.☰^{0}p.△^{0}7^{h}43—◬^{0}8^{h}43—●^{0}9^{h}35—14^{h}43,19^{h}31..
10	0.10	(0.2)	0.8	..●^{0}..1^{h}20,≡^{0}6^{h}45—8^{h}37.●^{0}8^{h}40—12^{h}15,17^{h}35—✳^{0}21^{h}35—,|✳⊠22^{h}50.◸14.2^{h}—14.3^{h}
11	—	(0.1)	0.8	☰$^{1}a.p$.—✳^{0}—↠^{0}15^{h}40—✳^{0}21^{h}20—,—⊠—,◸18.2^{h}
12	—	(1.8)	0.5	☰$^{1}a.p$.—✳^{0}—0^{h}25,1^{h}54—5^{h}00,6^{h}43—,—⊠—
13	4.93	(1.0)	0.9	☰$^{1}a,p$.—✳^{0}—8^{h}20.14^{h}44..15^{h}30,17^{h}58—,|✳18^{h}30.—⊠—
14	0.40	(0.9)	0.7	☰^{1},$a.p$.—✳^{0}—16^{h}50.20^{h}05—,—⊠—,◷^{1}8^{h}01^{m}09^{s}
15	3.66	(1.3)	0.9	☰^{1}a.☾^{0},☰^{1}p.—✳^{0}—9^{h}52,21^{h}47—,|✳23^{h}50.—⊠—
16	5.98	1.8	0.7	☰^{1}, ☾^{1}a.☾^{0},☰^{1}p.—✳^{0}—7^{h}30.—⊠—
17	—	(1.1)	1.0	☰^{1}a.☰^{2}p.✳^{0}12^{h}51—16^{h}43,|✳15^{h}47,✳^{0}23^{h}50—,—⊠—
18	3.46	(0.8)	0.8	☰^{1}, ☾^{0}a.☰^{1}p.—✳^{0}—4^{h}20.|✳0^{h}30—,✳^{0}13^{h}25—17^{h}10..|✳13^{h}25.—⊠—
19	6.20	1.3	1.1	☰^{1}, ∨^{0}a.⊔^{1}☰^{1}p…✳^{0}..6^{h}40,≡^{0}0^{h}40—3^{h}30.—⊠—
20	7.32	(1.5)	1.0	☰^{1}⊔^{1}☾^{2}a,☾^{0},☰^{1}p.✳^{0}15^{h}20—,|✳15^{h}20.—⊠—
21	0.32	0.9	0.7	☰$^{1}a,p$.—✳^{0}—6^{h}25.—⊠—
22	5.47	(1.8)	1.1	☰^{1},⊔^{1}, ∨^{1}a.☾^{0},☰^{1}p.✳^{0}23^{h}50.|✳23^{h}50.—⊠—
23	3.08	(1.2)	1.0	☰$^{1}a,p$.—✳^{0}—8^{h}40,10^{h}38—12^{h}50,14^{h}43..16^{h}50.—⊠—
24	1.70	(1.5)	1.1	☰^{1}a, ☾^{0},☰^{1}p.✳^{0}5^{h}42—,|✳6^{h}23.—⊠—
25	0.60	(2.0)	1.6	☰^{1}a,☰^{0}p.—✳^{0}—11^{h}41.↟^{0}17^{h}00—17^{h}38.—⊠—
26	7.63	2.3	1.4	☰^{0}, ☾^{2}a.☾^{2},☰^{1},⊔^{1}p.—⊠—
27	—	(1.4)	0.9	⊔^{1},☰^{1}∨^{0}a.☰^{1}p.—⊠—
28	2.33	(0.5)	1.0	☰$^{0}a,p$.●^{0}4^{h}10—6^{h}28.—⊠—,◸12.7^{h}
29	2.61	(0.0)	0.0	☰$^{1}a,p$.✳^{1}0^{h}20—1^{h}15.|✳0^{h}20.✳^{1}2^{h}50—✳^{0}5^{h}20—6^{h}25.↟^{0}5^{h}20—7^{h}10.✳^{0}7^{h}40—10^{h}36.↟^{1}10^{h}43—10^{h}53.*
30	4.74	(1.4)	1.1	☰^{1}☾^{1}a.☰^{1}p.✳^{0}13^{h}10—17^{h}20..23^{h}00.↟^{0}15^{h}43..18^{h}50.—⊠—
31	0.80	1.4	1.0	☰^{1},a,☰^{0}p.—⊠—
Mean	3.08	1.6	1.0	

*✳^{0}11^{h}09—✳^{1}12^{h}57—✳^{0}13^{h}53—✳^{1}20^{h}10—23^{h}30
+◸7.2^{h}—7.3^{h},8.0^{h}—8.8^{h},9.2,10.8^{h},12.5^{h}—12.7^{h}
◸^{1}12.7^{h}—13.3^{h}

AIR PRESSURE (*Mean sea level*) 700 *mm*+ 1947.

International Seismological Centre

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	61.1	60.6	61.3	59.1	59.2	59.0	60.1	61.3	61.3	62.6	60.5	58.2	57.9	60.3	67.0	68.0	68.2	67.0	67.1	67.1	67.4
2	58.3	57.9	57.8	57.6	57.7	58.0	57.9	55.6	52.8	52.7	53.2	54.4	54.8	53.9	65.3	63.7	62.1	57.9	56.0	52.0	59.5
3	59.1	61.0	63.2	63.8	65.6	66.1	63.1	53.6	54.2	55.3	54.4	56.3	56.0	55.0	48.3	49.8	52.2	53.1	55.8	56.3	52.6
4	66.4	67.1	68.8	67.4	68.2	67.7	67.6	56.5	57.5	57.9	58.0	58.3	59.3	57.9	56.6	58.2	59.6	60.1	62.1	63.0	59.9
5	67.7	67.9	67.4	65.2	62.6	62.0	65.5	59.0	59.6	60.8	60.0	61.1	61.9	60.4	64.6	66.2	66.9	66.5	67.2	67.1	66.4
6	61.5	61.9	63.6	61.6	62.8	62.4	62.3	62.3	62.3	62.7	60.8	60.8	61.1	61.7	65.8	63.7	62.3	58.4	55.7	54.5	60.1
7	62.2	63.2	63.9	62.5	63.1	64.4	63.2	61.8	62.3	63.1	62.1	63.9	64.1	62.9	52.6	51.3	52.1	52.6	55.9	57.5	53.7
8	65.2	66.7	69.1	67.9	68.4	68.6	67.7	64.6	65.0	65.2	62.8	62.4	61.3	63.6	58.1	59.0	59.2	58.5	60.1	59.1	59.0
9	67.9	67.7	67.9	66.3	66.8	68.4	67.5	58.7	56.9	56.2	53.5	56.0	58.2	56.6	57.9	59.5	59.6	59.0	59.7	59.8	59.3
10	69.2	70.6	72.3	71.6	72.6	71.7	71.3	59.0	59.8	59.8	58.9	59.7	60.6	59.6	58.6	59.8	60.2	60.4	61.3	61.6	60.3
11	70.4	68.4	66.6	61.0	58.7	59.1	64.0	60.4	60.7	59.9	58.0	58.3	58.0	59.2	61.5	61.4	61.9	60.1	60.9	62.3	61.4
12	62.4	63.4	65.2	63.7	64.6	64.2	63.9	57.9	59.0	59.4	59.1	61.0	62.3	59.8	61.8	61.1	62.0	62.2	65.0	66.4	63.1
13	64.8	65.4	65.8	64.3	65.6	65.4	65.2	62.6	63.5	64.3	65.0	66.0	66.5	64.7	66.5	67.5	68.7	68.8	69.9	70.6	68.7
14	65.6	65.5	66.5	65.7	66.9	67.2	66.2	65.9	66.2	65.5	62.5	60.7	58.8	63.3	69.6	69.0	67.3	63.1	60.0	59.1	64.7
15	67.7	68.3	69.5	69.1	71.0	71.9	69.6	55.8	52.7	50.9	48.6	51.6	54.0	52.3	58.5	60.0	60.1	61.6	63.0	63.5	61.1
16	73.1	73.2	74.5	73.6	73.7	72.6	73.5	54.9	56.3	57.0	56.4	57.9	58.5	56.8	63.3	63.1	62.1	59.9	60.9	62.0	61.9
17	73.2	72.6	71.9	67.6	68.0	64.8	69.7	58.3	59.1	58.7	56.3	56.5	57.4	57.7	62.4	63.1	65.0	63.7	65.3	66.7	64.4
18	62.7	60.1	60.9	59.2	61.5	62.4	61.1	57.2	57.6	58.8	57.8	59.7	60.4	58.6	67.4	69.3	70.2	69.8	71.2	72.4	70.1
19	64.1	64.7	65.5	65.3	67.0	66.8	65.6	60.8	61.7	62.1	60.9	61.1	60.8	61.2	72.4	72.3	71.7	69.2	68.1	67.5	70.2
20	66.9	66.3	66.8	64.6	64.7	63.6	65.5	60.6	60.7	61.0	59.9	61.1	61.4	60.8	67.0	67.8	68.4	68.3	68.1	68.2	68.0
21	63.5	63.5	62.9	61.2	61.3	61.5	62.3	61.2	61.9	61.8	59.9	60.5	61.0	61.1	64.7	61.1	56.4	48.7	48.1	47.0	54.3
22	61.0	59.1	63.0	63.1	66.7	67.6	63.4	60.1	62.0	63.1	62.6	63.8	64.0	62.6	45.7	46.0	50.9	54.8	58.2	61.6	52.9
23	68.7	68.6	68.8	68.2	69.1	69.8	68.9	62.5	63.1	62.3	59.6	59.6	60.4	61.3	63.1	64.7	67.3	68.0	69.8	71.9	67.5
24	69.2	69.4	69.5	67.2	67.4	67.8	68.4	60.4	60.6	60.4	59.6	60.5	61.3	60.5	72.5	73.6	72.9	70.7	70.9	68.9	71.6
25	67.6	66.8	66.0	63.3	62.5	60.6	64.5	61.1	62.2	62.4	61.2	62.9	64.4	62.4	66.3	61.7	57.6	52.7	52.0	51.9	57.0
26	60.3	60.7	59.9	57.8	58.3	58.1	59.2	65.4	65.8	64.7	62.4	62.4	62.6	63.9	51.2	50.1	51.6	54.4	58.0	61.0	54.4
27	59.4	60.0	60.3	58.7	58.5	57.9	59.1	62.1	62.6	62.1	59.1	58.7	56.0	60.1	62.4	62.9	62.8	61.3	61.1	61.0	61.9
28	56.6	56.2	58.4	57.8	59.0	60.4	58.1	53.3	53.7	58.4	61.3	64.2	66.6	59.6	60.1	61.3	61.0	59.1	58.9	58.4	59.8
29	60.5	61.9	61.5	61.1	61.6	60.8	61.2								56.7	55.4	56.6	58.1	59.9	61.6	58.1
30	59.5	59.5	59.3	59.4	60.4	61.1	59.9								61.9	62.5	61.4	60.2	63.3	66.0	62.6
31	60.3	60.3	60.6	58.4	59.4	60.8	60.0								66.9	68.9	71.0	69.9	70.8	71.8	69.9
Mean	64.4	64.5	65.1	63.7	64.3	64.3	64.4	59.7	60.0	60.3	59.1	59.9	60.3	59.9	61.8	62.0	62.2	61.2	62.1	62.5	62.0

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	70.4	70.1	67.9	64.9	62.6	59.2	65.9	54.1	56.2	57.7	58.7	61.6	63.4	58.6	56.8	56.6	56.1	55.2	54.9	55.7	55.9
2	53.3	47.7	44.8	44.9	47.0	49.1	47.8	63.9	64.3	63.5	61.2	61.8	62.8	62.9	54.8	55.3	54.4	52.6	53.7	55.6	54.4
3	49.8	51.0	53.6	53.4	56.2	58.9	53.8	61.7	61.3	60.8	59.4	60.0	61.2	60.7	55.3	56.6	57.5	56.6	57.0	57.9	56.8
4	59.9	61.3	60.4	57.9	57.2	57.9	59.1	60.8	62.2	63.0	62.2	62.6	64.2	62.5	57.5	58.2	58.6	58.3	59.7	61.9	59.0
5	57.2	59.0	60.6	60.9	62.8	63.9	60.7	64.5	65.5	64.2	62.3	63.0	64.0	63.9	62.3	62.8	64.0	63.5	63.7	64.8	63.5
6	62.6	63.5	64.6	65.2	66.6	68.1	65.1	63.1	64.8	64.7	62.4	63.1	65.3	63.9	63.9	64.6	64.3	64.0	63.8	64.2	64.1
7	68.0	68.7	68.9	67.4	67.4	67.2	67.9	65.9	66.2	64.6	63.5	60.8	59.3	63.4	63.2	63.4	63.6	61.9	60.8	60.9	62.3
8	66.4	66.9	66.7	65.3	64.3	64.0	65.6	56.1	55.8	57.8	57.2	58.7	61.3	57.8	60.2	59.8	58.8	57.6	56.9	57.5	58.5
9	61.3	59.0	57.3	54.0	53.5	55.0	56.7	61.9	63.1	63.6	63.0	63.8	65.1	63.4	56.7	56.4	57.3	58.1	59.3	61.6	58.2
10	54.3	54.2	53.5	54.3	54.4	55.2	54.3	65.1	65.7	64.9	63.1	62.8	64.3	64.3	61.6	63.0	62.5	61.3	61.2	62.8	62.1
11	55.7	57.3	57.6	57.2	59.2	60.8	58.0	63.2	63.3	61.1	57.7	57.2	57.2	60.0	61.9	61.6	61.2	59.3	58.3	59.0	60.2
12	61.3	62.4	62.5	61.3	61.6	62.4	61.9	55.8	55.6	55.9	54.3	53.4	53.2	54.7	56.2	54.5	54.0	51.9	52.9	54.4	54.0
13	62.2	62.0	60.8	59.0	59.2	60.8	60.7	52.4	53.1	53.0	52.8	55.6	57.7	54.1	53.7	54.3	55.7	55.7	56.6	59.1	55.9
14	62.5	64.6	65.3	64.7	64.8	66.0	64.7	59.4	62.7	64.0	63.4	64.6	66.4	63.4	59.6	60.7	60.7	60.1	60.4	60.5	60.3
15	65.9	66.4	65.2	63.0	63.2	63.7	64.6	65.5	66.7	65.8	63.9	64.7	65.7	65.4	59.0	58.7	57.5	56.0	55.2	54.5	56.8
16	63.4	64.1	63.7	62.5	62.1	62.3	63.0	65.6	65.8	65.8	64.7	63.9	64.6	65.1	52.3	51.1	51.5	51.7	53.1	55.4	52.5
17	61.4	61.1	62.0	61.0	61.4	62.2	61.5	63.4	63.5	62.7	59.9	59.5	59.0	61.3	56.3	58.2	59.7	59.6	60.4	62.5	59.5
18	61.7	62.2	61.5	59.8	59.8	60.5	60.9	55.4	54.5	52.0	49.5	46.8	47.6	51.0	63.9	65.3	65.3	64.4	64.5	65.0	64.7
19	60.2	60.3	59.2	58.7	59.4	60.8	59.8	47.4	48.7	50.6	52.3	54.7	56.6	51.7	63.5	62.9	61.0	58.0	57.8	59.2	60.4
20	61.1	61.6	60.9	57.7	54.9	53.4	58.3	57.1	58.9	60.4	60.3	61.0	63.0	60.1	58.1	59.7	59.1	58.5	57.1	57.2	58.3
21	49.6	45.2	41.0	35.6	31.3	33.1	39.3	63.2	63.8	61.8	60.2	57.4	55.7	60.4	55.1	55.1	55.7	56.6	57.6	59.4	56.6
22	36.5	39.7	42.8	44.1	45.8	46.4	42.6	52.7	51.5	51.4	50.0	51.6	52.7	51.7	59.1	60.0	59.0	58.3	59.5	61.4	59.6
23	47.3	48.2	49.4	50.7	51.5	53.3	50.1	53.1	54.3	53.3	51.7	52.7	57.0	53.7	62.9	62.9	62.4	61.8	62.1	62.3	62.4
24	53.2	54.7	55.7	56.6	58.2	60.7	56.5	58.5	60.9	61.9	61.4	61.6	62.5	61.1	60.7	59.9	59.7	58.9	57.5	57.4	59.0
25	60.8	61.6	61.5	60.4	61.4	63.5	61.5	62.1	61.4	59.2	56.5	55.6	56.9	58.6	56.9	56.5	54.3	55.0	57.2	59.0	56.5
26	64.0	65.5	65.8	64.6	65.1	66.5	65.3	56.3	56.9	56.0	53.6	54.5	55.9	55.5	59.2	59.7	59.0	57.7	58.3	59.1	58.8
27	67.0	67.6	66.0	63.3	63.1	64.0	65.2	56.3	58.0	58.6	58.5	60.1	62.4	59.0	58.5	59.2	58.7	57.0	57.7	58.3	58.2
28	62.5	61.6	60.5	57.4	54.8	51.0	58.0	62.2	63.1	63.5	61.3	61.3	63.3	62.5	58.2	57.9	57.7	56.9	55.1	54.9	56.8
29	46.9	45.9	48.7	51.8	55.9	56.6	51.0	62.4	63.2	62.2	60.1	60.7	61.4	61.7	53.6	53.8	53.7	53.9	55.0	56.6	54.4
30	57.7	58.9	57.1	53.9	55.1	53.5	56.0	60.2	59.9	59.3	57.2	56.9	57.6	58.5	56.8	58.7	59.7	59.9	61.1	62.8	59.8
31								56.3	56.3	56.1	55.7	56.7	56.1	56.2							
Mean	58.8	59.1	58.8	57.7	58.0	58.7	58.5	59.5	60.2	60.0	58.6	59.0	60.1	59.6	58.6	58.9	58.8	58.0	58.3	59.4	58.7

AIR PRESSURE (*Mean sea level*) 700 *mm*+ 1947.

International Seismological Centre

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	62.5	63.5	64.1	63.2	63.1	62.9	63.2	59.7	60.9	61.2	60.3	60.6	59.5	60.4	58.3	56.7	55.8	54.3	54.9	56.3	56.1
2	61.3	61.1	60.9	59.4	60.1	61.6	60.7	57.5	58.2	58.5	57.3	56.5	56.7	57.5	56.1	57.5	57.2	56.8	58.2	59.7	57.6
3	60.7	61.5	61.6	60.6	61.2	62.1	61.3	55.7	56.7	56.5	55.3	54.6	54.9	55.6	59.7	60.6	60.9	59.1	59.3	60.6	60.0
4	61.4	61.4	60.9	59.7	59.2	59.6	60.4	53.7	53.7	53.0	53.2	53.0	53.4	53.3	60.5	61.6	61.5	60.2	60.1	62.1	61.0
5	58.3	57.4	56.3	55.0	52.3	55.7	55.8	52.8	53.8	54.5	54.9	56.2	58.2	55.1	62.3	62.6	60.5	57.2	55.0	56.0	58.9
6	55.4	56.2	55.8	55.0	55.4	56.0	55.6	58.5	60.1	60.5	60.0	60.7	61.1	60.2	57.1	58.0	57.8	57.5	59.1	60.3	58.3
7	56.1	56.9	57.2	56.6	56.8	57.4	56.8	59.5	58.9	58.4	56.4	55.4	55.4	57.3	60.0	61.3	61.1	59.8	59.9	60.3	60.4
8	56.7	57.5	56.3	54.8	55.1	55.1	55.9	55.1	56.0	56.9	57.1	58.2	59.7	57.2	58.5	56.9	56.4	55.7	57.0	58.6	57.2
9	54.6	54.6	53.6	52.2	52.6	52.7	53.4	59.4	60.5	60.3	59.2	59.0	60.0	59.7	59.1	61.5	63.5	63.3	64.0	65.2	62.8
10	52.0	52.2	51.6	52.5	54.1	55.9	53.1	59.2	59.7	59.6	58.9	59.6	60.4	59.6	64.8	65.8	66.3	66.2	66.6	67.7	66.2
11	55.4	57.3	59.2	60.3	61.4	63.6	59.5	59.5	60.8	60.6	60.0	60.7	61.4	60.5	67.0	67.4	66.7	65.2	65.1	64.7	66.0
12	63.9	65.3	65.4	64.2	64.0	65.7	64.8	61.1	61.8	62.2	61.6	61.8	62.7	61.9	63.6	63.4	62.5	60.6	59.7	59.7	61.6
13	65.1	65.0	64.6	63.3	63.0	64.0	64.2	62.2	63.8	63.7	62.7	62.8	63.9	63.2	58.8	58.4	59.6	58.4	58.6	58.5	58.7
14	64.1	64.0	63.2	61.3	61.2	63.2	62.8	63.7	64.1	64.1	63.2	63.1	63.1	63.6	57.8	58.3	58.3	57.2	57.7	57.0	57.7
15	62.4	62.9	61.7	60.2	60.2	61.4	61.5	62.8	62.5	62.1	61.0	61.0	61.1	61.8	55.6	54.2	52.2	48.9	48.1	48.0	51.2
16	60.8	61.1	59.6	58.1	58.1	59.7	59.6	60.1	60.2	59.8	58.9	59.8	60.7	59.9	48.2	50.4	51.0	50.0	51.7	53.2	50.8
17	60.1	60.2	59.5	57.7	58.4	60.0	59.3	60.5	61.4	61.8	60.4	61.1	62.1	61.2	52.6	53.5	52.8	53.4	55.4	56.9	54.1
18	60.3	60.8	60.2	58.9	59.1	60.1	59.9	60.8	61.1	60.4	60.3	60.0	60.5	60.5	57.6	59.0	59.7	59.7	60.4	61.5	59.7
19	59.5	60.2	59.7	58.3	58.1	58.5	59.1	59.7	60.5	59.4	57.9	58.0	59.3	59.1	61.4	63.1	63.4	62.9	64.4	65.8	63.5
20	58.3	58.2	58.3	58.0	57.4	59.7	58.3	58.6	59.1	58.9	58.1	58.1	59.6	58.7	65.9	67.0	66.5	64.3	64.9	65.2	65.6
21	59.3	60.0	59.4	57.7	57.6	57.9	58.7	59.1	59.9	59.7	57.9	58.2	59.1	59.0	63.7	63.7	62.9	61.4	60.9	60.7	62.2
22	56.3	56.6	56.3	56.0	55.8	55.9	56.2	59.5	60.0	59.9	58.3	58.8	60.6	59.5	59.3	59.0	58.8	58.5	60.0	61.3	59.5
23	55.1	55.6	54.4	53.9	54.3	54.2	54.6	60.6	60.7	60.7	59.8	60.4	61.7	60.7	61.6	62.5	62.9	63.2	63.1	64.7	63.0
24	52.7	53.3	53.6	53.7	54.9	55.8	54.0	61.4	61.9	62.4	60.9	60.3	61.6	61.4	63.9	64.0	63.3	60.5	61.2	59.8	62.1
25	56.1	57.4	56.9	56.7	57.4	59.1	57.3	60.0	60.1	59.9	57.6	57.9	58.6	59.0	57.9	58.0	57.4	55.2	56.6	57.2	57.1
26	58.9	58.9	58.7	57.8	55.9	56.9	57.9	56.7	57.0	57.0	56.2	57.0	58.3	57.0	57.1	57.5	57.0	55.1	56.1	56.5	56.6
27	55.9	57.2	57.7	56.6	56.2	55.5	56.5	59.0	59.9	61.0	61.2	62.2	64.1	61.2	55.5	56.5	57.0	55.7	57.5	58.7	56.8
28	53.1	52.7	53.4	53.8	54.7	57.0	54.1	64.2	65.6	65.5	64.4	64.4	64.6	64.8	59.0	60.0	59.8	58.9	59.6	59.4	59.5
29	55.8	56.5	56.0	55.2	55.8	56.2	55.9	64.2	64.3	64.2	63.5	63.0	63.5	63.8	57.6	56.4	55.8	54.8	56.5	57.3	56.4
30	55.3	56.2	56.3	55.1	54.9	55.8	55.6	62.4	62.4	61.8	61.3	61.4	62.2	61.9	57.9	58.4	59.4	59.0	58.7	58.9	58.7
31	55.7	56.9	58.1	57.4	58.3	59.8	57.7	61.9	62.2	61.8	59.8	59.1	60.1	60.8							
Mean	58.2	58.7	58.4	57.5	57.6	58.7	58.2	59.6	60.3	60.2	59.3	59.4	60.3	59.8	59.3	59.8	59.6	58.4	59.0	59.7	59.3

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	58.8	58.1	58.0	58.0	59.4	59.3	58.6	68.6	68.1	66.9	63.1	62.2	60.8	65.0	64.1	65.2	67.0	65.3	64.9	63.4	65.0
2	61.1	61.8	64.1	64.1	65.6	66.3	63.8	59.2	59.6	60.6	60.2	62.3	64.2	61.0	60.1	54.9	52.1	52.8	55.0	56.6	55.3
3	66.1	66.2	66.0	64.0	65.3	66.1	65.6	65.2	66.6	67.5	66.5	67.2	67.1	66.7	58.6	60.0	61.7	61.8	63.6	62.9	61.4
4	66.1	66.8	65.9	63.6	64.2	64.4	65.2	66.1	65.7	64.3	59.6	58.8	59.4	62.3	61.6	61.2	62.3	62.3	64.5	65.2	62.9
5	63.7	64.4	65.4	64.7	66.3	67.9	65.4	59.5	61.8	62.9	63.4	65.8	67.3	63.5	66.7	67.8	68.6	66.6	66.6	65.9	67.0
6	68.3	68.9	69.5	66.8	67.5	67.4	68.1	67.5	68.3	69.0	67.1	67.4	67.9	67.9	65.2	65.7	66.7	64.1	63.1	62.9	64.6
7	65.8	66.4	66.1	64.6	65.6	66.7	65.9	67.3	67.0	67.0	65.6	65.9	66.1	66.5	63.7	64.7	65.7	65.0	65.4	66.3	65.1
8	66.6	68.2	68.1	66.8	67.9	68.7	67.7	66.0	67.3	67.9	66.8	67.2	67.6	67.1	67.5	68.4	70.3	69.2	70.5	70.3	69.4
9	68.6	68.0	67.6	65.8	65.6	64.6	66.7	67.0	66.5	66.4	63.6	60.7	57.5	63.6	68.8	67.5	66.3	61.7	58.2	54.8	62.9
10	63.4	61.5	60.8	56.7	56.2	55.7	59.1	54.2	55.5	57.2	58.4	60.2	62.1	57.9	52.9	50.7	47.2	43.3	47.5	48.2	48.3
11	56.0	57.2	57.9	57.0	57.5	57.0	57.1	62.7	63.0	61.2	56.4	58.9	59.5	60.3	50.8	51.8	52.1	51.4	52.6	53.4	52.0
12	57.0	58.2	58.3	57.9	59.2	59.0	58.3	60.5	62.1	64.7	65.5	66.9	68.5	64.7	54.5	55.9	56.5	54.3	54.8	56.1	55.4
13	59.2	60.1	60.3	58.9	61.1	62.2	60.3	68.5	69.1	69.4	66.4	65.2	62.8	66.9	58.3	60.4	61.6	60.9	62.5	63.2	61.2
14	62.2	63.6	64.9	65.2	67.8	69.9	65.6	61.9	62.3	63.2	61.8	62.4	62.8	62.4	63.6	63.4	63.5	62.5	63.0	62.9	63.2
15	70.8	72.1	72.4	71.0	71.6	73.0	71.8	63.1	65.0	66.1	65.6	66.8	67.5	65.7	64.1	65.9	67.5	67.3	68.6	67.9	66.9
16	73.1	72.7	72.8	71.9	72.2	72.6	72.6	67.3	67.3	67.5	65.8	66.3	65.7	66.7	67.8	68.5	67.8	66.7	66.8	67.5	67.5
17	72.8	73.4	73.5	71.4	71.4	71.6	72.4	65.4	65.9	66.6	65.3	65.4	63.4	65.3	66.9	67.1	66.8	65.3	65.2	64.8	66.0
18	71.6	71.9	71.7	70.2	70.9	71.9	71.4	60.7	56.8	55.8	57.7	58.6	61.5	58.5	65.8	66.0	65.8	65.4	66.6	66.4	66.0
19	71.2	71.4	71.0	67.9	68.4	68.0	69.7	64.0	65.9	66.3	66.0	67.2	67.1	66.1	65.4	65.3	65.2	63.6	64.5	64.5	64.8
20	67.6	67.1	66.6	64.0	64.7	64.4	65.7	66.1	65.1	64.7	62.5	63.7	65.8	64.7	63.8	64.7	66.7	66.0	67.6	68.6	66.2
21	63.4	63.2	63.5	62.4	63.4	63.7	63.3	66.8	68.9	70.5	71.1	72.4	73.0	70.5	69.0	68.9	68.4	65.0	64.4	63.3	66.5
22	63.4	62.6	62.8	59.8	59.3	58.2	61.0	72.7	72.2	71.5	68.6	67.4	66.9	69.9	63.0	63.2	62.9	61.0	60.6	59.5	61.7
23	55.8	53.9	52.6	51.3	51.3	51.3	52.7	64.7	62.7	61.6	60.4	64.5	65.3	63.2	60.2	62.1	64.4	64.3	66.5	67.4	64.2
24	52.3	53.0	54.3	55.2	56.5	58.3	54.9	64.6	66.8	67.7	66.0	67.5	67.6	66.7	67.0	67.6	69.8	69.4	70.0	70.3	69.0
25	58.7	60.2	60.9	59.9	61.6	63.0	60.7	68.7	67.9	68.2	65.0	64.1	60.9	65.8	70.6	70.4	70.5	68.5	68.1	68.5	69.4
26	62.9	63.9	65.0	64.4	66.7	67.9	65.1	58.8	56.9	54.7	53.4	53.0	54.2	55.2	69.0	70.0	71.2	71.3	72.1	72.6	71.0
27	67.6	67.5	66.5	63.7	62.0	60.2	64.6	53.3	54.9	58.2	60.1	63.8	65.3	59.3	72.4	71.6	70.4	66.2	64.1	60.0	67.5
28	58.9	58.6	59.3	58.8	59.7	60.3	59.3	65.9	66.8	68.2	68.0	69.2	69.9	68.0	55.2	51.7	51.2	48.7	50.8	51.7	51.6
29	60.1	61.2	61.1	61.4	63.4	64.9	62.0	70.6	70.7	70.1	67.6	66.5	62.8	68.1	51.8	51.9	53.3	53.5	55.9	57.9	54.1
30	65.9	67.0	68.0	67.7	69.4	70.8	68.1	58.6	57.2	58.1	60.2	63.3	63.7	60.2	59.8	63.2	65.9	65.5	67.2	67.7	64.9
31	70.7	72.1	71.5	69.1	69.6	69.2	70.4								68.7	70.0	69.6	67.1	66.0	62.8	67.4
Mean	64.2	64.6	64.7	63.4	64.2	64.7	64.3	64.2	64.5	64.8	63.6	64.4	64.5	64.3	63.1	63.4	63.8	62.5	63.1	63.0	63.2

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Month	AIR PRESSURE (700 mm+)											TENSION OF THE VAPOUR mm						
	2	6	10	14	18	22	Mean	Max.	Date	Min.	Date	2	6	10	14	18	22	Mean
January	58.7	58.8	59.5	58.1	58.6	58.6	58.7	68.7	16	50.8	28	3.1	3.0	3.2	3.4	3.2	3.2	3.2
February	54.0	54.3	54.7	53.5	54.3	54.7	54.3	61.0	28	43.1	15	2.5	2.3	2.9	3.0	3.0	2.7	2.7
March	56.2	56.3	56.7	55.7	56.5	56.9	56.4	68.0	24	39.8	22	3.5	3.4	3.8	3.8	3.8	3.7	3.7
April	53.3	53.6	53.5	52.4	52.6	53.2	53.1	65.9	1	25.5	21	5.2	5.3	5.7	5.6	5.9	5.8	5.6
May	54.2	54.9	54.7	53.5	53.7	54.8	54.3	61.3	15	41.7	18	7.9	8.0	8.6	9.0	8.7	8.4	8.4
June	53.3	53.6	53.5	52.8	53.1	54.1	53.4	60.1	18	45.9	16	10.8	10.9	11.6	12.0	11.7	11.1	11.3
July	53.0	53.5	53.3	52.5	52.7	53.5	53.1	60.4	12	46.6	10	16.6	16.8	17.6	18.1	18.4	17.6	17.5
August	54.5	55.1	55.2	54.3	54.4	55.2	54.8	60.4	28	47.6	5	18.4	18.5	19.1	19.4	20.1	18.9	19.1
September	54.0	54.5	54.5	53.3	53.8	54.5	54.1	62.6	10	42.6	15	12.8	12.8	13.8	14.2	14 1	13.2	13.5
October	58.8	59.1	59.4	58.1	58.9	59.3	58.9	68.6	17	45.0	23	8.0	7.6	8.4	8.2	8.5	8.1	8.1
November	58.6	58.9	59.3	58.2	58.9	58.9	58.8	67.4	21, 22	47.1	27	4.7	4.6	4.8	4.9	5.2	4.9	4.8
December	57.4	57.7	58.2	56.9	57.5	57.3	57.5	66.7	26	37.8	10	3.1	3.0	3.2	3.3	3.1	3.1	3.1
Annual	55.5	55.9	56.1	54.9	55.4	55.9	55.6	68.7	I 16	25.5	IV 21	8.1	8.0	8.6	8.7	8.8	8.4	8.4

Month	AIR TEMPERATURE °C													RELATIVE HUMIDITY %						
	2	6	10	14	18	22	Mean	Mean			Absolute							2	6	10	14	18	22	Mean
								Max.	Min.	Range	Max.	Date	Min.	Date										
January	–4.2	–4.8	–1.6	0.3	–2.2	–3.3	–2.6	1.3	–7.7	9.0	7.7	6	–20.1	29	90	89	76	70	81	87	82
February	–6.6	–8.1	–2.4	0.3	–2.5	–4.7	–4.0	1.4	–10.1	11.6	7.9	24	–17.3	6	86	90	74	64	77	82	79
March	–1.8	–2.6	2.2	3.7	1.3	–0.6	0.4	5.0	–4.1	9.1	12.5	27	–12.5	1	86	88	70	65	75	84	78
April	3.6	3.8	10.7	12.5	9.5	6.2	7.7	14.0	1.6	12.4	24.8	18	–3.9	1	87	86	59	54	65	80	72
May	9.0	9.4	15.5	18.6	15.3	11.0	13.1	19.8	7.1	12.7	26.8	29	–1.3	5	90	88	65	57	66	84	75
June	13.0	13.5	16.8	18.7	17.1	14.3	15.6	19.6	11.8	7.8	28.8	27	7.6	10	95	93	82	76	81	91	86
July	19.8	20.0	23.8	26.4	24.1	21.3	22.6	27.5	18.9	8.6	32.9	21	13.4	1	96	96	80	72	82	92	86
August	21.6	21.6	26.5	27.7	25.5	22.8	24.3	29.1	20.5	8.6	33·1	15	15.2	31	96	96	75	71	83	91	85
September	15.8	15.9	20.4	22.2	18.8	16.6	18.3	23.3	14.2	9.2	28.6	1	10.3	28	95	94	78	72	87	93	86
October	8.7	7.7	13.4	15.9	12.0	9.5	11.2	17.1	6.5	10.6	21.1	4	–0.5	31	94	95	73	61	80	90	82
November	2.7	2.2	6.5	8.3	4.8	3.5	4.7	9.6	0.3	9.3	18.1	1	–5.5	22	84	85	67	60	79	81	76
December	–3.9	–4.0	–1.6	–0.2	–2.8	–3.6	–2.7	1.2	–6.4	7.6	8.0	2	–14.1	20	89	86	78	72	83	88	83
Annual	6.5	6.2	10.9	12.9	10.1	7.8	9.0	14.1	4.4	9.7	33.1	VIII 15	–20.1	I 29	91	91	73	66	78	87	81

Month	PRECIPITATION mm											CLOUD AMOUNT 0–10						
	2	6	10	14	18	22	Sum	Maximum				2	6	10	14	18	22	Mean
								in 24 h	Date	in 4 h	Date							
January	16.7	13.8	15.5	13.4	11.8	8.6	79.8	30.5	18	11.2	18	7.7	8.1	7.8	8.1	6.3	7.2	7.5
February	2.9	8.1	12.2	5.8	3.5	5.5	38.0	10.4	15	7.2	15	4.6	7.0	7.1	7.5	7.5	4.9	6.4
March	9.4	10.0	24.4	19.7	7.6	9.7	80.8	20.9	21	9.0	21	7.3	8.1	7.3	7.8	7.0	6.5	7.3
April	13.5	21.9	18.2	5.2	10.3	13.2	82.3	24.3	2	11.3	2	5.3	6.6	7.1	6.7	7.5	5.9	6.5
May	23.4	11.8	2.2	7.7	17.3	28.1	90.5	23.1	21	15.4	21	7.1	8.6	7.8	7.3	7.1	6.3	7.4
June	33.9	44.9	26.4	29.9	20.1	34.3	189.5	35.6	9	16.3	9	8.1	9.1	8.5	8.5	7.9	6.9	8.2
July	68.3	155.1	66.1	52.2	50.3	7.0	399.0	177.6	23	70.9	23	7.8	9.5	7.9	7.4	7.7	7.8	8.0
August	14.6	29.1	23.5	58.9	2.7	0.8	129.6	46.8	2	19.7	18	7.1	8.9	7.9	8.3	8.1	6.4	7.8
September	61.4	51.0	56.5	23.9	155.8	53.3	401.9	215.1	15	124.8	15	8.1	9.1	7.9	7.4	6.6	6.5	7.6
October	9.3	8.6	7.3	21.2	11.3	7.9	65.6	24.6	10	13.7	11	6.3	7.7	8.3	7.6	5.9	6.0	7.0
November	5.4	6.9	5.7	1.2	8.9	10.1	38.2	8.3	27	4.9	4	5.7	7.5–	6.7	6.4	6.0	6.5–	6.5–
December	18.8	14.3	15.3	11.2	9.5	16.8	85.9	16.4	12	6.0	13	7.9	7.5+	7.8	8.0	7.6	7.5–	7.7
Annual	277.6	375.5	273.3	250.3	309.1	195.3	1681.1	215.1	IX 15	124.8	IX 15	6.9	8.1	7.7	7.6	7.1	6.5	7.3

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Month	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
MONTHLY MAXIMUM DAILY RANGE (WITH DATE) OF AIR TEMPERATURE (°C)													
Max.	16.3	20.9	15.3	23.8	21.8	14.7	15.4	14.8	15.1	16.7	19.2	15.7	23.8
Date	29	6	1	15	11	10	16	15	4	8	1	20	VI 15
VARIABILITY OF DAILY MEAN AIR TEMPERATURE (°C)													
Mean	2.6	1.8	1.6	1.8	1.7	1.5	1.7	1.2	1.2	1.5	2.0	2.2	1.7
FREQUENCY OF VARIATION													
Rise ≺ 2°	8	5	9	12	11	12	15	12	11	12	8	8	123
Rise 2° — 4°	4	4	5	4	5	2	5	3	2	2	4	5	45
Rise 4° — 6°	2	2	—	2	1	1	1	—	—	—	2	1	12
Rise 6° — 8°	1	—	1	—	—	—	—	—	—	—	—	—	2
Rise 8° ≻	—	—	—	—	—	—	—	—	—	—	—	1	1
Sum	15	11	15	18	17	15	21	15	13	14	14	15	183
Fall ≺ 2°	8	11	11	10	10	10	5	13	13	11	11	10	123
Fall 2° — 4°	4	6	3	1	3	3	3	3	4	5	3	3	41
Fall 4° — 6°	4	—	1	—	1	2	2	—	—	1	2	1	14
Fall 6° — 8°	—	—	—	1	—	—	—	—	—	—	—	1	2
Fall 8° — ≻	—	—	—	—	—	—	—	—	—	—	—	1	1
Sum	16	17	15	12	14	15	10	16	17	17	16	16	181
Stationary	—	—	1	—	—	—	—	—	—	—	—	—	1
MONTHLY MAXIMUM (WITH DATE) MINIMUM (WITH DATE) AND RANGE OF TENSION OF VAPOUR (mm)													
Max.	5.3	4.9	7.7	11.3	13.1	18.8	24.4	24.1	21.6	14.3	8.3	6.3	24.4
Date	19	24	25	21	30	25	21	13	1	10	1	10	VII 21
Min.	1.0	1.3	1.5	2.6	4.0	8.0	11.0	13.5	9.6	4.4	3.0	1.5	1.0
Date	29	21	1	16	5	5	1	31	26	31	28	27	I 29
Range	4.3	3.6	6.2	8.7	9.1	10.8	13.4	10.6	12.0	9.9	5.3	4.8	23.4
MONTHLY MINIMUM (WITH DATE) OF RELATIVE HUMIDITY (%)													
Min.	39	43	41	21	30	48	47	49	39	43	38	44	21
Date	22	19	17, 29, 31	17	10, 14	2	9	31	4	4	11	3	IV 17
NUMBER OF OBSERVATION WITH PRECIPITATION													
IN LAST FOUR HOURS													
22— 2	9	9	5	7	6	10	5	4	12	7	6	16	96
2— 6	9	9	10	6	4	11	11	8	12	6	7	14	107
6—10	9	9	10	5	2	14	8	7	7	3	6	16	96
10—14	10	8	6	3	5	14	8	11	11	6	4	10	96
14—18	6	8	6	6	7	10	7	4	10	5	7	11	87
18—22	8	8	9	6	4	11	5	2	10	6	11	10	90
Sum	51	51	46	33	28	70	44	36	62	33	41	77	572
<0.1mm	20	19	23	9	7	9	9	9	12	7	17	27	168
AT EXACT TIME OF OBSERVATION													
2	10	5	6	6	4	6	4	2	8	5	3	13	72
6	6	6	6	3	2	10	4	3	6	1	5	14	66
10	9	6	8	3	2	7	6	4	5	2	4	9	65
14	6	6	9	4	6	8	3	4	8	1	7	11	73
18	6	7	6	2	3	6	2	—	5	1	5	10	53
22	9	4	6	4	3	8	2	—	8	3	6	16	69
Sum	46	34	41	22	20	45	21	13	40	13	30	73	398

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

Month \ Hour	2	6	10	14	18	22	Maximum Vel.	Dir.	Date	Mean for 24h	No. of Days with wind Force (4–6) Observed 4	5	6	Sum
January	2.0	2.1	2.6	2.8	2.2	2.2	12.0	W	21	2.3	3	—	—	3
February	2.5	1.4	1.8	3.6	3.2	2.6	13.3	NNW	15	2.4	4	—	—	4
March	2.0	1.6	3.2	3.7	2.8	2.2	16.3	W	15	2.5	5	1	—	6
April	2.7	2.3	4.8	5.7	3.7	2.9	20.5	W	29	3.6	7	5	—	12
May	1.9	2.0	2.8	5.1	4.0	2.8	13.3	WSW	23	3.1	7	—	—	7
June	1.3	1.2	2.5	3.7	3.6	2.1	9.3	NW	9	2.4	—	—	—	—
July	1.2	1.3	1.7	2.9	2.9	2.1	8.3	WSW	9	2.1	—	—	—	—
August	0.8	0.7	1.7	2.5	2.0	1.7	7.2	SW	4	1.6	—	—	—	—
September	1.2	1.3	1.9	3.0	2.2	1.4	8.8	W	6	1.8	—	—	—	—
October	1.1	1.2	1.7	2.7	2.1	1.5	10.0	WNW	2	1.6	1	—	—	1
November	2.4	1.9	3.7	4.1	2.8	2.8	20.2	W	30	2.9	3	2	—	5
December	2.2	2.2	2.1	2.8	2.4	2.3	15.7	W	1	2.4	9	2	—	11
Annual	1.8	1.6	2.5	3.5	2.8	2.2	20.5	W	IV 29	2.4	39	10	—	49

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	10	2	4	4	4	6	6	6	2	1	1	3	16	22	27	32	40
February	10	2	5	2	3	5	8	3	6	—	4	3	19	16	13	34	35
March	10	6	8	3	7	3	8	11	7	7	5	8	20	16	21	19	27
April	10	5	6	2	4	5	7	11	10	4	14	18	14	14	15	19	22
May	6	4	4	3	3	6	5	30	17	3	10	6	10	12	18	22	27
June	6	3	2	5	4	5	8	37	19	3	2	4	4	4	21	19	34
July	8	7	1	2	4	3	18	43	26	—	3	4	2	3	7	13	42
August	7	3	2	3	4	4	21	30	14	2	5	3	7	10	12	9	50
September	7	3	1	3	1	8	20	18	11	7	2	4	14	7	13	19	42
October	5	3	6	2	6	5	7	9	5	7	5	8	12	15	21	19	51
November	7	2	5	4	7	3	6	7	6	2	1	8	12	23	29	16	42
December	12	2	5	7	4	3	9	5	4	2	3	4	19	18	22	24	43
Annual	98	42	49	40	51	56	123	210	127	38	55	73	149	160	219	245	455

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

Month \ Dir.	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
January	3.0	2.6	1.7	1.0	1.4	1.8	1.6	2.9	2.7	0.8	0.8	2.0	3.2	3.1	3.5	3.3
February	2.7	2.7	1.7	1.8	1.3	1.1	1.7	2.0	3.0	—	2.0	1.8	2.9	3.5	4.0	4.3
March	1.8	1.5	1.4	1.8	1.7	2.0	1.9	3.1	2.7	2.2	2.5	4.7	3.8	3.9	3.3	4.1
April	2.4	1.4	2.8	2.3	1.5	0.9	3.6	4.3	3.4	1.5	6.2	6.6	7.6	6.3	2.5	2.3
May	3.0	1.3	1.1	2.1	1.0	3.2	2.9	4.8	3.3	2.0	3.1	4.7	3.4	4.6	3.7	3.7
June	2.4	1.2	1.3	1.6	0.8	4.3	3.3	3.3	3.4	2.4	1.5	1.9	1.2	3.2	2.9	3.4
July	1.3	1.5	2.2	1.7	0.9	1.8	2.5	3.2	3.1	—	1.1	2.9	1.1	3.0	2.1	2.2
August	1.6	1.7	1.5	1.4	1.2	1.1	2.5	2.9	1.7	1.3	3.0	3.6	1.0	1.6	1.5	1.7
September	1.4	1.7	0.7	1.1	1.3	1.8	4.0	2.7	2.1	2.2	1.7	1.9	2.8	1.9	2.6	2.9
October	1.3	2.9	1.2	1.4	1.1	2.2	2.6	3.0	1.7	1.8	3.3	3.5	2.4	2.9	1.8	2.2
November	2.5	2.0	1.5	1.8	1.6	2.0	2.9	2.2	1.9	5.7	6.3	5.7	7.5	4.4	3.5	4.4
December	2.7	1.4	1.6	2.5	1.1	1.3	1.2	1.1	1.3	1.0	2.1	4.9	4.2	3.5	3.3	4.2
Annual	2.2	1.7	1.6	1.7	1.3	2.0	2.4	3.3	2.8	2.1	3.5	4.4	3.9	3.7	3.0	3.4

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

Month \ Hour	2	6	10	14	18	22	General
January	N 25° W 1.1	N 34° W 1.5	N 52° W 1.7	N 48° W 2.0	N 46° W 1.0	N 52° W 1.6	N 44° W 1.5
February	N 35° W 1.6	N 51° W 0.5	N 28° W 1.3	N 52° W 2.3	N 44° W 2.1	N 46° W 1.6	N 43° W 1.6
March	N 74° W 0.5	N 48° W 0.7	N 70° W 1.3	N 68° W 2.3	N 65° W 1.4	N 86° W 1.0	N 69° W 1.2
April	N 83° W 1.3	S 74° W 1.0	S 71° W 2.9	S 71° W 3.3	N 75° W 1.8	S 74° W 1.6	S 79° W 1.9
May	W 0.5	S 41° W 0.7	N 69° W 0.7	N 41° W 2.0	S 24° W 1.5	S 32° W 0.2	S 57° W 0.7
June	S 3° E 0.3	N 43° W 0.4	S 30° W 0.3	S 19° E 1.1	S 1° W 0.8	S 14° E 0.9	S 2° E 0.5
July	S 30° E 0.5	S 23° E 0.8	S 29° E 0.6	S 7° W 1.3	S 17° E 1.7	S 20° E 1.5	S 17° E 1.0
August	S 42° E 0.4	S 45° W 0.2	S 6° E 0.8	S 24° W 0.4	S 30° E 0.9	S 18° E 1.1	S 13° E 0.6
September	S 42° E 0.1	N 27° W 0.6	S 89° W 0.3	S 38° W 0.7	S 30° W 0.6	S 2° W 0.5	S 48° W 0.3
October	N 73° W 0.5	N 56° W 0.5	N 54° W 0.8	N 73° W 0.8	S 56° W 0.7	S 73° W 0.5	N 81° W 0.6
November	N 75° W 1.5	N 62° W 1.2	N 65° W 2.3	N 70° W 2.6	N 51° W 1.3	N 62° W 1.7	N 65° W 1.7
December	N 48° W 1.5	N 46° W 1.4	N 35° W 1.5	N 57° W 2.2	N 59° W 1.6	N 43° W 0.9	N 49° W 1.5
Annual	N 64° W 0.6	N 57° W 0.6	N 74° W 0.9	W 1.3	S 85° W 0.7	S 81° W 0.5	N 81° W 0.7

NUMBER OF DAYS WITH PRECIPITATION (Separated by Amount)

Amount \ Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<0.1 mm	6	4	1	3	2	—	2	2	1	2	4	5	32
0.1— 1	3	10	6	6	3	2	4	5	7	6	8	7	67
1— 3	7	7	6	2	—	4	3	2	4	—	3	9	47
3— 5	1	1	1	1	2	4	1	2	—	1	2	—	16
5— 10	1	1	3	2	3	6	—	1	3	2	3	2	27
10— 15	1	1	2	1	1	1	3	—	—	—	—	2	12
15— 20	1	—	—	1	1	1	1	1	1	—	—	2	9
20— 25	—	—	1	1	1	1	—	2	2	2	—	—	10
25— 30	—	—	—	—	—	1	—	—	—	—	—	—	1
30— 35	1	—	—	—	—	—	1	—	—	—	—	—	2
35— 40	—	—	—	—	—	1	1	—	—	—	—	—	2
40— 45	—	—	—	—	—	—	2	—	1	—	—	—	3
45— 50	—	—	—	—	—	—	—	1	1	—	—	—	2
50— 60	—	—	—	—	—	—	—	—	—	—	—	—	—
60— 70	—	—	—	—	—	—	—	—	—	—	—	—	—
70— 80	—	—	—	—	—	—	—	—	—	—	—	—	—
80— 90	—	—	—	—	—	—	—	—	—	—	—	—	—
90—100	—	—	—	—	—	—	—	—	—	—	—	—	—
100<	—	—	—	—	—	—	1	—	1	—	—	—	2
Annual	21	24	20	17	13	21	19	16	21	13	20	27	232

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	–1.2	–1.2	–0.9	–0.7	–0.8	–1.1	–1.0	0.2	0.3	1.6	2.7	3.5	6.3	11.5	13.2	13.4	13.2
February	–2.5	–2.9	–2.1	–1.2	–1.5	–2.0	–2.0	–0.6	–1.2	0.8	1.3	2.6	4.9	9.9	12.1	12.8	12.9
March	0.0	–0.2	1.9	6.3	2.1	0.6	1.8	2.3	2.3	2.6	2.5	2.9	4.2	8.6	11.1	12.2	12.6
April	5.0	4.3	11.9	15.2	10.4	7.2	9.0	9.1	8.7	8.6	7.7	7.5	6.8	8.3	10.2	11.6	12.3
May	10.8	10.5	18.3	22.3	16.9	12.8	15.3	14.9	14.3	13.7	12.6	12.0	10.3	9.2	10.1	11.1	11.9
June	14.7	14.9	19.8	22.8	19.4	16.2	18.0	18.1	17.5	17.2	16.3	15.7	13.7	10.7	10.6	11.0	11.7
July	21.5	21.4	27.3	30.5	26.4	23.3	25.1	24.7	23.9	23.3	22.1	21.0	17.8	12.5	11.5	11.2	11.6
August	23.5	23.3	29.6	31.4	27.6	24.8	26.7	26.9	26.2	26.0	25.0	24.2	21.3	14.8	12.9	11.7	11.8
September	18.2	17.9	22.5	24.2	21.1	19.1	20.5	21.5	21.2	21.7	21.4	21.6	20.8	16.4	14.2	12.5	12.1
October	11.0	10.2	14.9	17.1	13.5	11.7	13.1	14.7	14.5	15.5	15.6	16.5	17.6	16.4	15.4	13.2	12.6
November	3.7	3.2	5.7	8.2	5.5	4.4	5.1	7.1	7.1	8.6	9.4	10.3	13.0	15.1	14.9	13.6	12.8
December	–0.5	–0.7	–0.5	0.2	–0.2	–0.4	–0.4	1.4	1.4	3.1	3.7	5.2	8.4	13.1	14.2	13.6	13.1
Annual	8.7	8.4	12.4	14.7	11.7	9.7	10.9	11.7	11.4	11.9	11.7	11.9	12.1	12.2	12.5	12.3	12.4

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	Month	NUMBER OF OBSERVATIONS OF CLOUDS FROM																MEAN MOTION OF CLOUDS	
		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Not Observed	Direction	Intensity %
Upper Cloud	January	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	168	—	—
	March	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	April	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	179	W	100
	May	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	184	W	100
	June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	180	—	—
	July	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	August	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	185	W	100
	September	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	178	W	100
	October	—	—	—	—	—	—	—	—	—	—	—	—	4	—	—	—	182	W	100
	November	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	180	—	—
	December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	Annual	—	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—	2180	W	100
Middle Cloud	January	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	184	W	100
	February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	168	—	—
	March	—	—	—	—	—	—	—	—	—	1	—	—	2	—	—	—	183	S75°W	93
	April	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	178	W	100
	May	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	180	—	—
	July	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	184	W	100
	August	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	September	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	180	—	—
	October	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	November	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	178	W	100
	December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	—	—
	Annual	—	—	—	—	—	—	—	—	—	1	—	—	10	—	—	—	2179	S86°W	98
Lower Cloud	January	—	—	—	—	—	—	—	—	—	—	—	—	27	—	1	—	158	N89°W	99
	February	—	—	—	—	—	—	—	—	—	—	—	—	20	—	—	—	148	W	100
	March	—	—	—	—	—	—	—	1	—	—	—	—	40	—	1	—	144	W	97
	April	—	—	—	—	—	—	—	—	—	—	—	—	33	—	1	—	146	N89°W	99
	May	—	—	—	—	—	—	1	—	5	—	—	—	23	—	—	—	157	S76°W	79
	June	1	—	—	—	—	—	1	—	15	—	—	—	9	—	—	—	154	S29°W	65
	July	—	—	1	—	—	—	—	—	6	—	1	1	16	—	—	—	161	S69°W	72
	August	—	—	—	—	1	—	—	—	6	—	—	—	42	—	—	—	137	S82°W	85
	September	—	—	—	—	1	—	—	—	7	—	—	—	19	—	—	—	153	S69°W	72
	October	—	—	—	—	6	—	2	1	3	—	—	—	37	—	1	—	136	S81°W	61
	November	—	—	—	—	—	—	—	—	—	—	—	—	52	—	1	—	127	N89°W	99
	December	—	—	—	—	—	—	—	—	—	—	—	—	21	—	—	—	165	W	100
	Annual	1	—	1	—	8	—	4	1	43	—	1	1	339	—	5	—	1786	S83°W	83

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
MONTHLY TOTAL DURATION OF SUNSHINE (in hours)												
101.74	141.52	166.11	190.67	197.91	96.35	149.84	177.48	124.42	141.51	142.14	95.60	1725.29
PERCENTAGE OF POSSIBLE DURATION												
34	47	45	48	45	22	33	42	33	41	47	33	39
AMOUNT OF EVAPORATION (mm)												
OPEN AIR												
1.9	2.3	2.6	4.8	4.8	4.6	5.7	5.8	4.3	2.3	2.0	1.6	3.6
IN THE SHELTER												
1.0	1.2	1.1	1.5	1.8	1.0	1.2	1.3	1.0	0.9	1.1	1.0	1.2

METEOROLOGICAL OBSERVATIONS AT MIZUSAWA.

1947.

International Seismological Centre

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	15	19	2	—	—	2	—	16	4	3	5	31	24	10	—	—	—	—
February	20	21	—	—	—	3	1	8	2	4	8	27	27	6	—	—	—	—
March	19	17	—	—	—	4	1	14	1	6	10	27	14	—	—	—	—	—
April	14	3	—	—	—	—	5	14	4	12	8	11	—	—	—	—	—	—
May	11	—	—	—	—	3	2	17	3	7	2	1	—	—	—	—	2	—
June	21	—	—	—	1	5	—	21	14	—	—	—	—	—	—	—	3	—
July	17	—	—	—	2	4	2	20	3	—	—	—	—	—	—	5	25	9
August	14	—	—	—	1	7	—	15	4	—	—	—	—	—	—	11	27	16
September	20	—	—	—	—	3	1	19	9	—	—	—	—	—	—	—	8	—
October	11	—	—	—	—	6	1	14	2	1	2	1	—	—	—	—	—	—
November	16	6	1	—	1	3	1	12	1	5	11	13	1	—	—	—	—	—
December	22	24	3	—	—	1	1	15	5	11	7	28	24	13	—	—	—	—
Annual	200	90	6	—	5	41	15	185	52	49	53	139	90	29	—	16	65	25

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) 1946	Last Day (this year) 1947	First Day (this year) 1947
Min. Air Temp. below 0°:	Nov. 20	May 5	Oct. 31
Mean Air Temp. below 0°:	Dec. 1	Mar. 18	Nov. 22
Max. Air Temp. below 0°:	Dec. 10	Feb. 13	Dec. 11
Max. Air Temp. above 25°:		Sept. 24	May 28
Mean Air Temp. above 25°:		Aug. 26	July 9
Max. Air Temp. above 30°:		Aug. 26	July 9
Hoar Frost:	Oct. 20	May 5	Oct. 8
Snow:	Dec. 1	Apr. 10	Nov. 12
Snow on Ground:	Dec. 1	Apr. 11	Nov. 12

Max. Continuance of Days with Min. Temp. below 0° is 82 Days: from Dec. 4 to Feb. 23

Max. Continuance of Days with Mean Temp. below 0° is 29 Days: from Jan. 26 to Feb. 23

Max. Continuance of Days with Max Temp. above 30° is 8 Days: from Aug. 10 to Aug. 17

Max. Continuance of Days with precipitation is 15 Days: from July 26 to Aug. 9

Max. Continuance of Days without precipitation is 8 Days: from July 12 to July 19

Continuance of more than 5 Days with precipitation are:

5 Days:	from Feb. 20 to Feb. 24	15 Days:	from July 26 to Aug. 9
11 Days:	from Mar. 2 to Mar. 12	10 Days:	from Sept. 7 to Sept. 16
6 Days:	from June 11 to June 16	5 Days:	from Sept. 21 to Sept. 25
5 Days:	from June 28 to July 2	11 Days:	from Dec. 9 to Dec. 19

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FIVE DAYS MEANS

Month	Five-day Period	Air Pressure mm	Air °C Temperature	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	757.2	–3.0	3.3	88	8.6	2.1	8.6
	6—10	760.7	–2.5	3.2	82	8.5	2.1	1.6
	11—15	760.2	–0.5	3.5	78	6.5	2.5	15.2
	16—20	761.5	–1.0	3.5	79	6.6	2.4	31.6
	21—25	759.8	–2.5	3.1	82	7.0	2.7	15.6
	26—30	753.9	–6.1	2.5	84	7.9	2.0	2.6
February	31— 4	751.8	–5.5	2.4	79	6.3	2.8	12.9
	5— 9	755.3	–5.1	2.8	86	4.7	1.5	4.4
	10—14	755.7	–3.6	2.6	73	7.4	3.0	4.8
	15—19	751.7	–4.2	2.7	79	6.6	2.9	12.8
	20—24	755.6	–3.3	3.1	84	7.0	1.8	3.7
	25— 1	757.0	–2.2	2.9	73	6.4	2.6	4.0
March	2— 6	754.1	–1.0	3.7	86	8.2	1.9	21.3
	7—11	753.1	–1.6	3.4	84	9.0	1.7	13.4
	12—16	758.3	–1.0	3.1	74	6.5	3.3	4.5
	17—21	759.8	0.4	3.8	82	7.2	1.8	22.4
	22—26	755.1	2.5	4.2	75	7.8	3.7	19.0
	27—31	756.9	3.8	4.0	68	6.0	2.8	0.2
April	1— 5	752.0	5.5	5.1	76	7.9	4.0	25.0
	6—10	756.5	5.8	5.4	78	7.5	2.3	15.3
	11—15	756.5	6.6	4.6	66	2.5	2.7	0.4
	16—20	755.4	12.7	6.8	68	5.7	2.9	0.7
	21—25	744.6	6.3	5.2	71	9.0	5.4	24.0
	26—30	753.7	9.3	6.2	73	6.4	4.3	16.9
May	1— 5	756.3	7.6	5.5	73	6.6	3.3	0.7
	6—10	757.2	12.6	7.5	71	6.6	3.2	16.3
	11—15	754.2	13.9	8.3	72	8.9	3.3	9.9
	16—20	752.6	14.5	9.9	81	8.2	3.2	9.4
	21—25	751.8	12.8	8.1	74	6.7	3.1	31.2
	26—30	754.2	16.4	10.8	80	7.5	2.7	4.8
June	31— 4	751.2	14.3	10.1	85	7.5	2.4	27.2
	5— 9	756.0	13.2	10.1	89	9.6	2.4	60.0
	10—14	753.2	14.5	10.4	86	9.0	3.2	18.2
	15—19	753.5	15.2	10.7	84	7.6	2.0	11.8
	20—24	754.0	17.7	12.5	83	7.2	2.3	28.1
	25—29	751.8	19.1	14.1	87	7.2	1.8	55.4
July	30— 4	755.9	18.8	13.7	86	9.0	2.5	10.3
	5— 9	750.6	24.0	18.3	84	9.8	1.8	3.4
	10—14	755.7	19.7	14.4	85	7.0	2.2	39.3
	15—19	754.8	23.9	17.6	81	4.1	2.4	—
	20—24	751.3	23.8	20.5	94	9.6	1.7	296.4
	25—29	751.3	23.9	19.0	87	8.2	2.1	31.5
August	30— 3	752.3	23.2	19.9	94	10.0	1.7	102.0
	4— 8	751.5	23.8	19.1	88	8.9	2.2	5.0
	9—13	755.9	26.4	20.5	81	6.5	1.5	4.3
	14—18	756.3	24.7	18.9	83	7.6	1.5	19.7
	19—23	754.3	24.6	18.7	83	6.0	1.0	—
	24—28	755.6	24.4	18.8	84	7.9	2.1	0.4
September	29— 2	754.9	21.1	16.0	87	8.4	1.6	24.6
	3— 7	754.5	18.9	12.6	79	6.3	1.9	7.1
	8—12	757.5	17.9	14.3	94	9.7	1.6	91.3
	13—17	749.4	20.5	15.8	88	6.8	2.7	259.9
	18—22	756.9	17.9	12.8	85	6.8	1.6	2.8
	23—27	753.9	16.8	12.0	85	7.1	1.8	11.1
October	28— 2	754.2	15.3	11.0	85	8.5	2.2	31.4
	3— 7	760.7	12.7	8.5	80	6.5	1.4	—
	8—12	756.5	13.4	10.1	87	8.3	1.5	48.4
	13—17	763.1	10.4	7.7	84	5.9	1.3	0.2
	18—22	760.8	11.0	7.8	81	7.7	1.3	0.7
	23—27	754.3	9.5	7.3	84	7.5	1.8	11.8
November	28— 1	759.5	7.7	6.2	79	4.8	2.2	2.7
	2— 6	758.8	7.0	5.5	74	4.6	2.8	7.5
	7—11	757.7	7.7	5.8	75	7.8	2.6	10.5
	12—16	759.7	4.2	4.7	76	5.3	3.4	1.5
	17—21	759.5	2.8	4.1	75	6.3	2.3	1.5
	22—26	758.6	3.2	4.7	81	7.9	1.9	12.0
December	27— 1	758.5	2.2	3.8	71	8.5	5.0	11.6
	2— 6	756.7	0.5	3.7	79	7.2	3.2	12.7
	7—11	754.0	–0.5	3.7	84	7.1	3.1	24.7
	12—16	757.1	–4.8	2.8	88	9.3	1.2	31.3
	17—21	760.1	–6.3	2.5	88	6.2	1.1	3.3
	22—26	761.4	–3.0	2.9	80	7.7	2.7	3.0
	27—31	755.4	–2.9	3.1	81	8.8	2.7	10.9
Mean		755.6	9.1	8.5	81	7.3	2.4	23.1

International Seismological Centre

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
	9.	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, 1947.

International Seismological Centre

No.	Date 1947	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
		h m s		m s		m s		m s		m s		m s		μ		μ		m s	
1	Jan. 2	*e* 19 15 14		—	—	16 30		*e* 16 30		—	—	—	—	+ 11		—		5 24	0
2	3	9 — —		—	—	08 58		—	—	—	—	—	—	+ 18		—		— —	0
3	3	11 18 58		18	59	20 22		20	21	—	—	—	—	+380		−293		34 16	0
4	3	11 57 18		—	—	58 38		*e* 58	37	—	—	—	—	− 17		—		7 42	0
5	3	*e* 12 33 26		—	—	34 42		34	44	—	—	—	—	− 19		+ 23		7 48	0
6	3	12 58 19		58	19	59	19	59	19	—	—	—	—	−179		+228		22 01	0
7	3	*e* 13 30 39		—	—	31	44	—	—	—	—	—	—	+ 4		—		3 59	0
8	3	15 — —		—	—	43	20	—	—	—	—	—	—	—		—		— —	0
9	3	16 — —		—	—	15	17	—	—	—	—	—	—	—		—		— —	0
10	3	18 12 25		*e* 12	25	13	44	*e* 13	48	—	—	—	—	+ 28		+ 38		4 41	0
11	4	7 — —		—	—	*e* 54	04	—	—	—	—	—	—	—		—		— —	0
12	4	9 39 51		*e* 39	52	41	10	*e* 41	12	—	—	—	—	+ 8		—		— —	0
13	4	9 — —		—	—	43	38	43	37	—	—	—	—	+ 14		—		— —	0
14	4	*e* 9 53 24		—	—	55	04	—	—	—	—	—	—	+ 7		—		7 35	0
15	4	10 58 25		—	—	58	47	—	—	—	—	—	—	—		—		2 23	0
16	4	15 — —		—	—	42	36	—	—	—	—	—	—	—		—		— —	0
17	4	19 — —		—	—	03	36	—	—	—	—	—	—	—		—		— —	0
18	5	*e* 2 33 13		—	—	33	33	—	—	—	—	—	—	+ 4		—		2 38	0
19	5	5 54 46		*e* 54	48	55	20	55	19	—	—	—	—	− 20		− 28		4 41	0
20	5	11 47 14		—	—	47	23	—	—	—	—	—	—	+ 16		—		2 57	0
21	5	*e* 17 55 08		*e* 55	09	*e* 57	59	*e* 57	57	—	—	—	—	+ 11		− 20		12 17	0
22	5	20 — —		—	—	58	04	—	—	—	—	—	—	—		—		— —	0
23	6	*e* 3 22 48		*e* 22	49	*e* 24	40	*e* 24	45	—	—	—	—	+ 17		− 25		12 16	0
24	6	*e* 18 09 25		—	—	10	16	—	—	—	—	—	—	+ 6		—		4 22	0
25	8	9 — —		—	—	11	15	—	—	—	—	—	—	− 4		—		— —	0
26	9	21 17 54		17	53	19	10	19	10	—	—	—	—	+ 27		+ 33		24 55	0
27	10	*e* 15 26 56		—	—	*e* 27	21	—	—	—	—	—	—	—		—		2 20	0
28	10	19 59 17		—	—	59	37	—	—	—	—	—	—	—		—		1 43	0
29	12	5 49 20		—	—	49	23	*e* 49	25	—	—	—	—	+ 74		± 50		1 15	0
30	13	0 — —		—	—	06	27	—	—	—	—	—	—	—		—		— —	0
31	13	9 32 19		32	20	32	30	32	31	—	—	—	—	+104		−133		8 03	0
32	13	23 10 15		—	—	10	25	10	26	—	—	—	—	+ 14		+ 15		3 10	0
33	15	6 13 40		13	41	13	50	13	51	—	—	—	—	+ 40		+ 53		2 38	0
34	16	5 — —		—	—	*e* 51	40	—	—	—	—	—	—	—		—		— —	0
35	16	*e* 11 53 09		*e* 53	09	*e* 54	48	*e* 54	48	—	—	—	—	—		—		8 52	0
36	17	*e* 2 47 12		—	—	*e* 47	59	—	—	—	—	—	—	—		—		3 44	0
37	19	20 02 05		—	—	02	34	—	—	—	—	—	—	− 5		—		2 00	0
38	20	9 34 56		34	56	36	10	36	12	—	—	—	—	+ 10		—		7 43	0
39	22	*e* 21 41 21		—	—	41	36	—	—	—	—	—	—	?		—		2 01	0
40	23	22 24 30		—	—	24	34	24	36	—	—	—	—	− 31		+ 38		3 48	0
41	25	1 50 01		*e* 50	04	51	59	52	00	—	—	—	—	−110		−188		30 21	0
42	26	5 — —		—	—	51	52	—	—	—	—	—	—	—		—		— —	0
43	26	*e* 12 01 31		—	—	02	02	—	—	—	—	—	—	− 4		—		2 54	0
44	28	*e* 5 20 58		—	—	21	10	—	—	—	—	—	—	− 4		—		2 45	0
45	28	11 37 44		*e* 37	47	38	23	38	23	—	—	—	—	+ 25		− 38		6 08	0
46	31	6 — —		—	—	53	30	—	—	—	—	—	—	− 6		—		— —	0
47	Feb. 1	5 — —		—	—	01	37	—	—	—	—	—	—	—		—		— —	0
48	1	17 09 21		—	—	09	36	—	—	—	—	—	—	± 6		—		1 49	0
49	5	2 34 19		—	—	35	05	—	—	—	—	—	—	− 6		—		3 21	0
50	5	*e* 4 53 28		—	—	53	42	—	—	—	—	—	—	—		—		2 20	0
51	5	8 39 27		39	27	40	10	40	08	—	—	—	—	+390		+448		14 22	0
52	6	2 50 43		*e* 50	44	51	22	*e* 51	22	—	—	—	—	− 11		—		4 34	0
53	6	19 — —		—	—	*e* 49	52	—	—	—	—	—	—	—		—		— —	0
54	7	3 15 26		15	28	15	43	15	43	—	—	—	—	+146		−158		6 43	0
55	7	17 49 52		*e* 49	54	*e* 57	17	*e* 57	21	*e* 64	20	*e* 64	19	—		—		35 51	0

EARTHQUAKES, 1947.

International Seismological Centre

No.	Date 1947	P				S				L				Maximum Range of Motion				Duration of Total Earthquake		Intensity
		E		W		N		S		E		W		N		S		E		W		N		S						
		h	m	s		m		s		m		s		m		s		μ		μ		m		s						
56	Feb. 9	4	59	46		—		—		60		15		—		—		—		—		2		15						0
57	10	3	54	56		e 54		56		? 59		·34		? 59		39		—		—		11		21						0
58	10	13	—	—		—		—		—		—		e 22		02		? 27		23		27		23		+ 6		− 38		—		0
59	11	19	06	00		e 06		01		07		59		07		59		—		—		—		—		+226		−153		9		0
60	13	e 5	10	48		? 10		48		e 14		59		? 14		53		—		—		—		—		—		—		16		0
61	14	2	23	21		—		—		23		38		—		—		—		—		—		—		− 5		—		2		0
62	16	13	48	03		—		—		48		10		—		—		—		—		—		—		—		—		1		0
63	16	18	21	41		e 21		41		23		44		23		45		—		—		—		—		− 29		− 30		11		0
64	16	21	27	26		—		—		28		07		—		—		—		—		—		—		− 3		—		3		0
65	18	22	32	16		32		16		33		37		33		37		—		—		—		—		+270		+740		15		0
66	21	6	39	44		—		—		39		58		—		—		—		—		—		—		—		—		1		0
67	21	15	07	58		07		57		09		12		09		14		—		—		—		—		+ 28		+ 30		7		0
68	21	15	16	58		—		—		17		27		—		—		—		—		—		—		—		—		3		0
69	22	0	29	37		—		—		29		49		29		49		—		—		—		—		± 10		—		2		0
70	22	7	03	17		03		17		04		57		04		57		—		—		—		—		+ 48		+130		18		0
71	23	e 16	37	17		—		—		e 37		44		—		—		—		—		—		—		+ 4		—		2		0
72	26	8	25	10		e 25		10		25		52		25		54		—		—		—		—		+ 26		+ 25		6		0
73	Mar. 1	4	30	39		e 30		40		31		37		31		39		—		—		—		—		− 18		—		6		0
74	1	7	37	15		—		—		37		36		e 37		40		—		—		—		—		− 8		—		2		0
75	1	17	59	49		—		—		60		23		—		—		—		—		—		—		+ 10		—		4		0
76	2	0	16	15		e 16		17		e 16		48		16		47		—		—		—		—		− 7		—		3		0
77	3	4	17	35		17		33		23		58		23		58		—		—		—		—		—		—		25		0
78	3	17	56	42		—		—		56		53		56		53		—		—		—		—		− 6		—		1		0
79	3	23	52	31		—		—		52		53		—		—		—		—		—		—		− 4		—		2		0
80	8	e 18	01	33		—		—		02		52		—		—		—		—		—		—		+ 8		—		5		0
81	9	0	—	—		—		—		02		51		—		—		—		—		—		—		+ 6		—		—		—		0
82	11	14	17	32		e 17		32		18		37		e 18		38		—		—		—		—		+ 50		− 73		11		29		0
83	13	e 4	28	03		—		—		e 28		30		e 28		31		—		—		—		—		+ 4		—		2		46		0
84	13	13	14	54		14		53		15		10		15		09		—		—		—		—		+ 43		− 70		3		41		0
85	15	i 14	25	38		i 25		37		i 26		07		i 26		05		—		—		—		—		−182		−303		9		30		0
86	16	i 1	39	37		i 39		36		i 39		48		i 39		48		—		—		—		—		−200		±130		5		40		1
87	17	e 2	08	36		—		—		08		55		—		—		—		—		—		—		—		—		1		36		0
88	17	20	28	30		—		—		28		54		—		—		—		—		—		—		—		—		2		08		0
89	19	15	57	30		—		—		58		03		—		—		—		—		—		—		+ 05		—		3		22		0
90	20	e 4	47	50		—		—		48		41		e 48		39		—		—		—		—		+ 21		—		6		10		0
91	21	e 3	25	41		—		—		26		29		e 26		30		—		—		—		—		− 10		—		4		38		0
92	22	1	58	06		—		—		58		15		—		—		—		—		—		—		—		—		1		07		0
93	25	e 20	36	57		—		—		37		20		—		—		—		—		—		—		− 5		—		2		46		0
94	26	4	44	56		—		—		45		26		45		27		—		—		—		—		+ 27		+ 38		7		13		0
95	28	22	53	40		—		—		53		59		54		00		—		—		—		—		− 6		—		2		19		0
96	Apr. 2	12	14	31		—		—		15		44		—		—		—		—		—		—		+ 5		—		4		37		0
97	2	14	46	54		46		54		53		02		53		03		? 58		44		e 58		39		—		−248		78		29		0
98	3	e 5	50	28		—		—		54		09		e 54		12		—		—		—		—		—		+ 43		26		43		0
99	5	23	24	21		—		—		25		23		25		22		—		—		—		—		− 11		+ 15		7		02		0
100	7	10	31	17		e 31		21		31		32		e 31		33		—		—		—		—		− 54		± 83		3		31		1
101	7	22	53	09		53		10		54		11		54		12		—		—		—		—		+ 16		—		4		23		0
102	8	14	28	27		—		—		29		00		—		—		—		—		—		—		+ 6		—		3		32		0
103	9	12	39	18		—		—		39		50		—		—		—		—		—		—		—		—		2		47		0
104	10	13	29	34		—		—		29		41		—		—		—		—		—		—		±158		—		5		40		2
105	10	e 16	54	18		—		—		54		33		—		—		—		—		—		—		+ 4		—		2		00		0
106	11	3	33	35		—		—		33		53		—		—		—		—		—		—		+ 6		—		2		12		0
107	11	4	—	—		—		—		56		10		—		—		—		—		—		—		—		—		—		—		0
108	11	11	03	03		—		—		04		06		—		—		—		—		—		—		− 10		—		4		34		0
109	11	19	—	—		—		—		e 35		37		—		—		—		—		—		—		—		—		—		—		0
110	11	23	35	03		e 35		02		39		36		e 39		44		—		—		e 43		13		− 15		—		23		40		0

EARTHQUAKES, 1947.

International Seismological Centre

No.	Date 1947	P				S				L				Maximum Range of Motion				Duration of Total Earthquake		Intensity
		E		W		N		S		E		W		N		S		E		W		N		S				
		h	m	s		m	s			m	s			m	s			μ		μ		m	s					
111	Apr. 12	17	09	29		e 09	29			09	43			09	43			—		—		—		—		+ 12		—		3	46	0
112	13	11	17	41		e 17	40			18	51			e 18	55			—		—		—		—		+ 10		—		5	17	0
113	14	2	33	05		33	04			33	48			33	49			—		—		—		—		+ 73		−130		11	30	0
114	14	16	17	24		—		—		18	50			—		—		—		—		—		—		−780		—		78	51	0
115	14	16	26	06		—		—		27	21			—		—		—		—		—		—		?		—		?		0
116	14	e 16	44	05		—		—		e 44	23			—		—		—		—		—		—		—		—		?		0
117	14	17	43	43		—		—		44	04			—		—		—		—		—		—		+ 5		—		3	43	0
118	14	e 19	01	21		—		—		e 01	34			—		—		—		—		—		—		—		—		1	30	0
119	14	e 19	22	27		—		—		22	40			—		—		—		—		—		—		—		—		2	16	0
120	14	20	25	13		25	14			25	36			e 25	37			—		—		—		—		+ 19		—		4	59	0
121	14	e 22	22	17		—		—		22	39			—		—		—		—		—		—		—		—		3	15	0
122	15	e 3	32	22		—		—		e 32	39			—		—		—		—		—		—		—		—		1	22	0
123	15	e 9	42	48		—		—		43	25			e 43	27			—		—		—		—		+ 3		—		4	21	0
124	15	e 14	23	14		—		—		23	27			—		—		—		—		—		—		—		—		1	19	0
125	15	21	—	—		—		—		04	15			—		—		—		—		—		—		—		—		—		0
126	16	1	43	39		43	40			44	19			44	18			—		—		—		—		−238		+328		17	35	0
127	16	e 15	43	24		—		—		44	31			e 44	29			—		—		—		—		+ 7		—		5	43	0
128	17	12	—	—		—		—		19	15			—		—		—		—		—		—		—		—		—		0
129	20	2	—	—		—		—		e 04	41			—		—		—		—		—		—		—		—		—		0
130	20	2	52	32		52	33			53	02			53	03			—		—		—		—		+ 25		− 25		5	17	0
131	22	e 12	40	11		—		—		41	07			—		—		—		—		—		—		+ 17		—		6	31	0
132	24	e 8	51	00		e 51	00			e 51	23			e 51	26			—		—		—		—		+ 10		—		3	55	0
133	24	e 21	34	47		—		—		35	01			—		—		—		—		—		—		—		—		2	17	0
134	24	23	—	—		—		—		34	22			—		—		—		—		—		—		+ 6		—		—		0
135	25	e 2	16	25		—		—		16	44			—		—		—		—		—		—		—		—		2	26	0
136	26	3	—	—		—		—		50	04			—		—		—		—		—		—		—		—		—		0
137	26	21	—	—		—		—		51	26			—		—		—		—		—		—		—		—		—		0
138	27	1	—	—		—		—		55	55			—		—		—		—		—		—		—		—		—		0
139	27	6	19	50		e 19	51			20	21			20	23			—		—		—		—		+ 26		− 5		6	27	0
140	27	6	36	51		—		—		37	15			—		—		—		—		—		—		—		—		2	11	0
141	27	6	42	37		—		—		43	03			—		—		—		—		—		—		—		—		2	46	0
142	27	16	—	—		—		—		29	04			—		—		—		—		—		—		—		—		—		0
143	29	e 17	02	26		—		—		02	45			—		—		—		—		—		—		+ 4		—		1	56	0
144	May 3	18	36	19		36	19			36	45			36	44			—		—		—		—		−258		−405		17	58	0
145	7	5	39	05		38	58			e 45	46			45	35			54	16	54	20			—				−413		58	44	0
146	8	15	59	11		59	09			59	46			59	46			—		—		—		—		+ 93		−138		9	49	0
147	9	? 3	35	05		? 35	06			—		—		—		—		—		—		—		—		—		—		7	20	0
148	11	4	—	—		—		—		e 06	35			—		—		—		—		—		—		—		—		—		0
149	13	e 10	41	08		—		—		41	19			—		—		—		—		—		—		—		—		2	05	0
150	15	18	34	41		—		—		35	16			35	17			—		—		—		—		− 13		− 10		4	39	0
151	16	7	13	30		—		—		15	44			—		—		—		—		—		—		− 15		—		6	58	0
152	16	16	—	—		—		—		e 01	30			—		—		—		—		—		—		—		—		—		0
153	17	10	40	27		—		—		40	50			e 40	52			—		—		—		—		+ 15		—		5	04	0
154	17	11	37	15		e 37	16			37	44			37	44			—		—		—		—		− 41		− 28		8	22	0
155	18	13	55	42		e 55	44			56	07			56	07			—		—		—		—		− 50		+ 58		9	39	0
156	19	e 0	08	07		—		—		08	24			—		—		—		—		—		—		—		—		2	18	0
157	19	e 5	06	59		—		—		07	18			—		—		—		—		—		—		—		—		1	28	0
158	21	4	55	51		e 55	51			56	25			56	25			—		—		—		—		+ 70		− 28		7	31	0
159	25	4	—	—		—		—		e 49	36			—		—		—		—		—		—		—		—		—		0
160	25	14	14	24		—		—		14	50			—		—		—		—		—		—		—		—		2	31	0
161	26	12	50	12		—		—		50	35			—		—		—		—		—		—		+ 6		—		—		0
162	26	22	03	22		e 03	19			05	08			e 05	11			—		—		—		—		− 16		—		7	44	0
163	27	e 12	43	45		? 43	47			e 50	47			e 50	49			—		—		—		—		—		—		14	10	0
164	27	15	06	42		e 06	41			12	52			e 13	01			—		—		—		—		—		—		40	01	0
165	June 1	2	20	55		20	56			21	24			21	24			—		—		—		—		− 31		+ 70		6	13	0

EARTHQUAKES, 1947.

International Seismological Centre

No.	Date 1947	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
		h m s		m s		m s		m s		m s		m s			μ		μ	m s	
166	June 1	4 50 37		—	—	51 00		—	—	—	—	—	—	+ 5		—		3 30	0
167	2	13 22 10		—	—	22 31		—	—	—	—	—	—	− 4		—		2 43	0
168	2	14 19 10		—	—	19 15		—	—	—	—	—	—	+ 5		—		2 21	0
169	7	10 27 34		—	—	27 52		—	—	—	—	—	—	+ 10		—		2 23	0
170	8	2 05 07		—	—	05 31		*e* 05	33	—	—	—	—	− 10		—		4 07	0
171	8	2 53 04		—	—	53 27		—	—	—	—	—	—	+ 8		—		2 54	0
172	8	3 54 27		54	25	*e* 59 22		59	21	—	—	—	—		—	—		39 55	0
173	10	17 37 47		37	48	38 48		38	47	—	—	—	—	+ 42		− 25		10 10	0
174	12	18 07 48		—	—	08 18		—	—	—	—	—	—	+ 10		—		1 48	0
175	12	18 10 04		*e* 10	06	16 11		16	12	—	—	—	—		—	—		39 37	0
176	12	19 50 34		—	—	51 25		*e* 51	24	—	—	—	—	+ 8		—		4 26	0
177	14	5 29 04		29	02	32 33		32	32	—	—	—	—	−120		+425		17 40	0
178	14	*e* 6 04 52		—	—	05 36		—	—	—	—	—	—	− 14		—		— —	0
179	14	8 54 32		54	33	57 36		57	35	—	—	—	—	− 62		—		38 01	0
180	14	9 35 01		35	01	*e* 37 48		*e* 37	45	—	—	—	—	+ 20		—		38 07	0
181	15	1 34 20		34	21	*e* 37 47		*e* 37	52	—	—	—	—	− 12		—		16 44	0
182	16	13 — —		—	—	*e* 03 23		—	—	—	—	—	—		—	—		— —	0
183	16	19 33 02		*e* 33	02	33 28		33	27	—	—	—	—	−108		−103		11 08	0
184	17	12 33 12		—	—	33 21		—	—	—	—	—	—		—	—		2 18	0
185	18	19 — —		—	—	*e* 41 05		—	—	—	—	—	—		—	—		— —	0
186	19	*e* 11 18 42		*e* 18	41	*e* 22 05		*e* 22	08	—	—	—	—	+ 9		—		22 46	0
187	19	16 38 46		38	46	42 13		42	12	—	—	—	—	+ 91		—		49 35	0
188	21	*e* 0 54 00		—	—	*e* 55 08		—	—	—	—	—	—	+ 3		—		4 39	0
189	22	*e* 23 41 09		—	—	41 28		—	—	—	—	—	—	+ 7		—		1 51	0
190	24	3 — —		—	—	28 10		—	—	—	—	—	—		—	—		— —	0
191	24	*e* 19 53 48		—	—	54 32		*e* 54	33	—	—	—	—	+ 10		—		4 43	0
192	26	4 33 08		—	—	*e* 33 20		33	21	—	—	—	—	± 5		—		1 47	0
193	27	21 43 11		—	—	43 29		—	—	—	—	—	—		—	—		2 25	0
194	28	*e* 18 57 54		—	—	58 06		—	—	—	—	—	—	− 9		—		2 31	0
195	30	4 06 41		—	—	07 02		*e* 07	03	—	—	—	—	+ 13		—		3 18	0
196	July 1	10 27 19		—	—	27 46		*e* 27	48	—	—	—	—	− 9		—		4 14	0
197	3	*e* 0 00 04		—	—	00 31		*e* 00	30	—	—	—	—	+ 5		—		4 31	0
198	3	6 — —		—	—	48 43		—	—	—	—	—	—		—	—		— —	0
199	4	*e* 20 44 51		—	—	*e* 45 06		—	—	—	—	—	—		—	—		1 28	0
200	5	11 41 31		—	—	42 04		—	—	—	—	—	—	± 10		—		2 26	0
201	8	*e* 10 15 39		—	—	15 43		—	—	—	—	—	—	± 11		—		0 50	0
202	10	15 17 35		—	—	18 30		—	—	—	—	—	—	+ 4		—		5 01	0
203	11	23 53 35		—	—	53 44		—	—	—	—	—	—	+ 6		—		1 31	0
204	12	*e* 10 20 40		—	—	*e* 21 23		—	—	—	—	—	—		—	—		4 49	0
205	12	11 00 54		*e* 00	54	02 17		02	19	—	—	—	—	+ 26		+ 35		2 16	0
206	15	5 22 13		—	—	22 39		—	—	—	—	—	—	+ 3		—		3 19	0
207	17	1 37 07		*e* 37	07	37 46		37	48	—	—	—	—	+ 31		+ 35		6 06	0
208	17	*e* 4 22 35		*e* 22	43	24 17		*e* 24	18	—	—	—	—	− 37		+ 55		12 24	0
209	17	5 38 00		*e* 38	02	38 12		38	15	—	—	—	—	− 17		—		3 32	0
210	18	23 29 55		—	—	31 10		—	—	—	—	—	—		—	—		3 54	0
211	19	19 58 44		58	45	59 17		59	17	—	—	—	—	− 24		+ 18		6 18	0
212	20	1 38 41		*e* 38	40	39 00		39	02	—	—	—	—	+ 10		—		4 15	0
213	20	6 15 26		15	27	15 27		15	29	—	—	—	—	± 75		±130		1 55	1
214	21	13 05 32		—	—	06 56		—	—	—	—	—	—	+ 6		—		6 04	0
215	22	*e* 14 30 15		*e* 30	14	*e* 31 02		*e* 31	06	—	—	—	—	+ 7		—		6 37	0
216	24	16 — —		—	—	54 36		—	—	—	—	—	—		—	—		— —	0
217	24	*e* 20 01 19		—	—	02 14		—	—	—	—	—	—		—	—		3 07	0
218	24	21 27 31		*e* 27	31	*e* 36 06		*e* 36	04	—	—	—	—		—	—		53 15	0
219	25	*e* 22 54 56		—	—	55 23		—	—	—	—	—	—	+ 10		—		3 01	0
220	26	20 58 04		*e* 58	03	59 55		*e* 59	53	—	—	—	—	+ 23		— 23		7 54	0

EARTHQUAKES, 1947.

International Seismological Centre

No.	Date 1947	P				S				L				Maximum Range of Motion				Duration of Total Earthquake		Intensity
		E		W		N		S		E		W		N		S		E		W		N		S						
		h	m	s		m	s	m	s	m	s	m	s	m	s	m	s	μ		μ		m	s							
221	July 28	17	—	—		—	—	29	54	—	—	—	—	—	—	—	—	—		—		—	—							0
222	29	22	51	00		e 51	02	e 57	04	e 56	58	—	—	e 66	28	—	—	—		—		93	21							0
223	30	10	—	—		—	—	38	21	—	—	—	—	—	—	—	—	—		—		—	—							0
224	30	10	54	51		e 54	54	56	02	e 56	04	—	—	—	—	—	—	+	24	+	18	6	09							0
225	30	12	—	—		—	—	37	55	—	—	—	—	—	—	—	—	—		—		—	—							0
226	30	15	07	23		—	—	07	51	—	—	—	—	—	—	—	—	—		—		2	21							0
227	Aug. 3	e 9	06	35		—	—	06	56	e 06	57	—	—	—	—	—	—	+	6	—		2	52							0
228	3	e 11	50	08		—	—	50	19	—	—	—	—	—	—	—	—	—		—		1	10							0
229	5	? 2	50	23		—	—	53	06	e 53	06	—	—	—	—	—	—	+	7	—		6	44							0
230	5	23	34	56		? 35	04	? 43	40	? 43	42	—	—	e 51	23	—	—	—		—		68	43							0
231	7	e 0	38	05		—	—	38	21	—	—	—	—	—	—	—	—	—		—		2	08							0
232	10	6	04	26		—	—	04	50	—	—	—	—	—	—	—	—	+	3	—		3	28							0
233	10	e 16	48	29		—	—	48	33	—	—	—	—	—	—	—	—	—		—		1	04							0
234	11	3	—	—		—	—	45	26	—	—	—	—	—	—	—	—	—		—		—	—							0
235	13	23	32	07		—	—	33	46	—	—	—	—	—	—	—	—	−	3	—		4	47							0
236	14	e 1	32	14		e 32	12	e 35	27	e 35	28	—	—	—	—	—	—	+	20	+	15	8	54							0
237	15	12	31	40		31	39	32	01	32	00	—	—	—	—	—	—	±	30	−	45	4	45							0
238	15	15	45	05		—	—	45	37	—	—	—	—	—	—	—	—	—		—		1	59							0
239	15	18	17	12		e 17	10	18	54	e 18	51	—	—	—	—	—	—	+	13	—		28	29							0
240	17	e 4	23	53		—	—	25	07	—	—	—	—	—	—	—	—	+	5	—		4	23							0
241	17	e 23	30	32		—	—	30	57	—	—	—	—	—	—	—	—	—		—		2	06							0
242	19	e 23	57	23		—	—	57	38	—	—	—	—	—	—	—	—	—		—		2	01							0
243	19	e 19	09	05		—	—	10	29	—	—	—	—	—	—	—	—	—		—		5	09							0
244	22	6	05	02		—	—	05	27	05	27	—	—	—	—	—	—	+	15	+	30	5	10							0
245	22	e 11	40	52		—	—	41	12	—	—	—	—	—	—	—	—	−	3	—		3	26							0
246	25	e 14	48	04		—	—	48	37	e 48	36	—	—	—	—	—	—	+	10	—		5	24							0
247	25	21	32	33		—	—	32	53	—	—	—	—	—	—	—	—	+	5	—		2	43							0
248	26	22	16	54		—	—	17	32	—	—	—	—	—	—	—	—	—		—		2	21							0
249	27	22	50	27		e 50	28	? 56	17	? 56	08	—	—	—	—	—	—	—		—		46	05							0
250	28	6	41	07		e 41	09	41	42	e 41	45	—	—	—	—	—	—	+	26	+	18	6	37							0
251	28	15	53	49		e 53	50	56	21	56	24	—	—	—	—	—	—	+	18	−	28	23	35							0
252	28	23	33	51		33	51	37	18	e 37	17	—	—	—	—	—	—	—		—		25	21							0
253	31	? 7	34	22		? 34	23	? 44	47	? 44	42	—	—	—	—	—	—	—		—		27	22							0
254	31	15	35	06		e 35	07	35	27	35	29	—	—	—	—	—	—	−	16	−	18	4	36							0
255	Sept. 1	e 10	44	17		—	—	e 44	33	—	—	—	—	—	—	—	—	—		−	—	1	29							0
256	2	23	43	34		—	—	? 52	34	—	—	—	—	—	—	—	—	—		—		14	55							0
257	4	0	29	46		—	—	31	57	31	53	—	—	—	—	—	—	+	18	—		6	46							0
258	7	e 9	21	53		—	—	e 25	04	—	—	—	—	—	—	—	—	—		—		9	22							0
259	7	16	45	13		—	—	45	29	—	—	—	—	—	—	—	—	—		—		2	17							0
260	9	e 4	19	01		—	—	19	13	—	—	—	—	—	—	—	—	—		—		1	04							0
261	11	9	07	31		—	—	e 08	04	—	—	—	—	—	—	—	—	—		—		4	51							0
262	12	22	19	34		e 19	36	20	01	20	03	—	—	—	—	—	—	+	17	+	33	4	49							0
263	12	23	28	38		—	—	29	07	—	—	—	—	—	—	—	—	−	8	—		3	37							0
264	13	15	25	36		—	—	25	57	e 25	56	—	—	—	—	—	—	−	16	—		3	11							0
265	14	19	53	44		—	—	54	10	—	—	—	—	—	—	—	—	+	4	—		3	27							0
266	14	21	—	—		—	—	32	14	—	—	—	—	—	—	—	—	+	4	—		—	—							0
267	16	14	—	—		—	—	e 41	25	—	—	—	—	—	—	—	—	—		—		—	—							0
268	17	17	—	—		—	—	e 06	44	—	—	—	—	—	—	—	—	—		—		—	—							0
269	19	0	—	—		—	—	e 02	06	—	—	—	—	—	—	—	—	—		—		—	—							0
270	19	e 4	50	25		—	—	51	07	—	—	—	—	—	—	—	—	+	3	—		2	38							0
271	21	12	29	15		29	15	29	28	29	27	—	—	—	—	—	—	+	21	—		2	38							0
272	23	e 2	00	27		—	—	00	46	—	—	—	—	—	—	—	—	—		—		2	20							0
273	23	9	25	26		—	—	25	36	25	38	—	—	—	—	—	—	±	15	—		2	42							0
274	23	11	44	47		—	—	44	59	e 44	59	—	—	—	—	—	—	+	11	—		2	53							0
275	23	21	38	57		? 39	01	44	40	e 44	40	53	21	e 53	28	—	—	—		—		7	01							0

EARTHQUAKES, 1947.

International Seismological Centre

No.	Date 1947	P				S				L				Maximum Range of Motion				Duration of Total Earthquake		Intensity
		E		W		N		S		E		W		N		S		E		W		N		S						
		h	m	s		m	s	m	s	m	s	m	s	m	s	m	s	μ		μ		m	s							
276	Sept. 25	e 21	50	10		—	—	—	—	e 50	49			—	—			—		—		2	37							0
277	26	8	38	46		e 38	47	44	50	e 44	48			—	—			—		—		30	40							0
278	26	17	18	38		—	—	e 19	52	19	52			—	—			+ 18		—		5	32							0
279	27	1	06	33		06	33	10	25	10	23			—	—			−150		+ 498		41	56							0
280	28	10	23	45		—	—	—	—	23	54			—	—			− 18		—		4	06							0
281	29	e 1	29	32		—	—	—	—	29	52			—	—			—		—		2	00							0
282	30		5	—		—	—	—	—	54	50			—	—			—		—		—	—							0
283	Oct. 3		15	22		56	56	24	23	24	24			—	—			−328		+ 528		15	36							0
284	5		15	—		—	—	e 30	22	—	—			—	—			—		—		—	—							0
285	6		2	—		—	—	00	20	—	—			—	—			—		—		—	—							0
286	6		3	48	59	? 49	05	? 54	29	? 54	21			—	—			—		—		47	18							0
287	6		13	—	—	—	—	04	22	—	—			—	—			—		—		—	—							0
288	7		0	—	—	—	—	e 53	03	—	—			—	—			—		—		—	—							0
289	7		5	08	27	e 08	31	18	41	18	39			—	—			—		—		65	47							0
290	7		17	06	46	e 06	44	07	05	07	05			—	—			− 25		− 13		3	36							0
291	9	e	2	52	21	—	—	52	34	—	—			—	—			—		—		1	06							0
292	10		16	34	00	33	58	35	35	35	34			—	—			+116		− 190		31	27							0
293	11		21	—	—	—	—	e 16	22	—	—			—	—			—		—		—	—							0
294	12		19	36	50	e 36	48	37	10	e 37	08			—	—			+ 33		− 53		5	18							0
295	14		3	—	—	—	—	43	54	—	—			—	—			—		—		—	—							0
296	16		11	18	30	18	23	e 25	24	e 25	23	? 32	17	? 32	11			− 26		+ 585		109	37							0
297	16	e	11	55	05	—	—	55	19	—	—			—	—			—		—		1	32							0
298	17		23	48	58	e 48	56	49	08	49	07			—	—			± 21		− 25		3	09							0
299	19		5	17	44	—	—	19	13	—	—			—	—			+ 8		—		5	30							0
300	20		11	02	51	e 02	52	03	09	03	10			—	—			− 43		− 100		4	39							0
301	20		11	—	—	—	—	—	—	—	—			—	—	? 10	10			− 48		—	—							0
302	20		22	—	—	—	—	37	25	—	—			—	—			—		—		—	—							0
303	21	e	18	47	25	e 47	23	48	39	48	38			—	—			+ 24		− 18		13	23							0
304	26		5	53	33	—	—	53	52	—	—			—	—			+ 11		—		3	18							0
305	26	e	13	30	34	—	—	30	48	—	—			—	—			—		—		2	04							0
306	29		21	00	19	e 00	19	01	15	01	14			—	—			+ 81		− 90		8	47							0
307	29		23	44	02	—	—	e 44	52	—	—			—	—			− 9		—		6	01							0
308	Nov. 1		15	09	30	09	29	17	17	? 17	16			—	—			—		—		41	34							0
309	1		21	52	36	—	—	53	06	—	—			—	—			+ 3		—		2	37							0
310	2		0	18	37	e 18	37	22	03	22	02			—	—			—		—		15	00							0
311	3	e	3	22	16	—	—	22	40	22	41			—	—			− 5		—		3	35							0
312	4		9	10	31	10	29	11	31	e 11	40			—	—			—		−1873		7	43							0
313	4		9	36	52	—	—	38	00	—	—			—	—			− 12		—		—	—							0
314	4		10	59	50	—	—	61	13	—	—			—	—			− 5		—		5	21							0
315	4		15	15	00	—	—	16	12	16	12			—	—			+ 18		—		7	06							0
316	4		15	57	52	57	47	58	43	58	45			—	—			+ 27		− 20		8	24							0
317	4		16	47	51	—	—	49	04	—	—			—	—			− 7		—		4	31							0
318	4		17	13	35	—	—	14	28	—	—			—	—			—		—		3	53							0
319	4		18	25	38	25	38	26	18	e 26	14			—	—			− 75		− 84		4	15							0
320	4		18	—	—	—	—	32	54	—	—			—	—			− 4		—		—	—							0
321	4	e	21	11	15	—	—	11	48	—	—			—	—			− 7		—		3	06							0
322	8		6	05	37	—	—	06	44	—	—			—	—			+ 5		—		4	48							0
323	8		13	03	41	03	40	04	39	04	40			—	—			− 40		+ 33		10	47							0
324	8		15	46	47	—	—	47	39	—	—			—	—			+ 6		—		3	48							0
325	9		0	—	—	—	—	14	31	—	—			—	—			—		—		—	—							0
326	9		1	25	14	—	—	25	58	e 25	41			—	—			+ 5		—		3	18							0
327	9		14	08	48	08	55	17	45	17	46			—	—			− 28		—		52	32							0
328	10		7	53	31	53	32	53	52	53	53			—	—			+ 33		− 38		3	40							0
329	10		21	04	31	e 04	32	04	48	e 04	49			—	—			− 12		—		3	47							0
330	10		22	45	45	—	—	46	53	e 46	52			—	—			− 12		—		6	00							0

EARTHQUAKES, 1947.

International Seismological Centre

No.	Date 1947	P				S				L				Maximum Range of Motion				Duration of Total Earthquake		Intensity
		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	
331	Nov. 12	8	03	43		*e* 03	45			04	35			*e* 04	35			+ 9		—		4	21	0
332	14	19	51	37		51	38			52	50			52	50			−385		+ 355		23	21	1
333	16	16	30	10		—	—			*e* 31	15			*e* 31	16			+ 9		—		5	31	0
334	17	*e* 8	15	22		—	—			*e* 16	01			—	—			—		—		2	48	0
335	17	9	58	13		—	—			58	38			—	—			− 7		—		4	04	0
336	17	17	19	05		*e* 19	05			19	37			*e* 19	38			− 15		—		6	38	0
337	18	22	—	—		—	—			06	26			—	—			—		—		—	—	0
338	19	4	—	—		—	—			52	38			—	—			—		—		—	—	0
339	20	15	44	37		*e* 44	37			45	19			45	19			+ 34		− 55		8	03	0
340	20	*e* 17	23	22		—	—			25	31			*e* 25	31			− 9		—		11	11	0
341	21	7	—	—		—	—			07	46			—	—			—		—		—	—	0
342	21	11	46	46		46	46			46	53			46	52			− 25		− 30		3	46	1
343	22	13	57	44		? 57	44			58	01			*e* 58	03			− 5		—		4	09	0
344	24	*e* 19	13	14		—	—			13	29			—	—			—		—		2	04	0
345	25	*e* 2	09	04		—	—			*e* 09	25			—	—			—		—		1	50	0
346	26	1	26	18		—	—			26	28			26	28			− 34		− 38		3	10	0
347	26	19	24	52		*e* 24	54			*e* 27	10			? 27	09			− 14		—		6	56	0
348	29	12	24	37		—	—			24	52			—	—			—		—		3	05	0
349	30	22	02	45		02	46			03	06			03	07			−175		− 273		7	03	1
350	Dec. 1	6	18	58		18	59			20	02			20	04			+ 40		− 63		7	53	0
351	5	*e* 9	54	43		—	—			*e* 54	57			—	—			—		—		1	09	0
352	7	*e* 20	09	15		—	—			10	23			—	—			− 5		—		3	55	0
353	8	13	50	57		—	—			51	58			*e* 52	01			+ 11		—		3	42	0
354	8	16	—	—		—	—			24	18			—	—			− 6		—		—	—	0
355	9	12	—	—		—	—			*e* 09	16			—	—			—		—		—	—	0
356	9	? 13	30	24		—	—			32	08			*e* 32	07			+ 11		—		8	40	0
357	10	22	29	54		? 29	56			30	32			*e* 30	32			+ 41		− 38		5	49	0
358	11	8	19	10		19	13			19	33			19	33			−157		+ 165		8	02	0
359	11	21	37	28		*e* 37	27			38	26			*e* 38	27			−131		− 75		15	15	0
360	12	0	17	49		*e* 17	48			18	00			18	01			− 50		− 55		3	35	0
361	12	*e* 2	01	19		*e* 01	22			01	48			01	47			+ 17		+ 25		4	08	0
362	13	0	41	25		*e* 41	23			41	55			*e* 42	01			− 15		—		3	56	0
363	14	8	01	09		01	08			01	33			01	33			—		+1075		11	27	1
364	15	*e* 0	58	14		—	—			58	57			58	56			+ 6		—		4	15	0
365	15	*e* 5	45	20		—	—			*e* 45	53			—	—			—		—		3	15	0
366	15	17	—	—		—	—			*e* 36	16			—	—			—		—		—	—	0
367	19	*e* 14	35	08		—	—			*e* 35	44			—	—			—		—		3	18	0
368	21	14	53	50		—	—			54	14			—	—			—		—		3	00	0
369	21	17	42	20		—	—			42	30			—	—			—		—		1	54	0
370	21	*e* 17	59	59		—	—			*e* 60	26			—	—			—		—		2	03	0
371	22	22	09	20		—	—			10	39			? 10	37			+ 7		—		9	04	0
372	23	*e* 12	40	14		—	—			40	35			—	—			—		—		1	48	0
373	23	*e* 18	50	58		—	—			51	59			? 52	06			− 7		—		5	51	0
374	24	*e* 22	35	56		—	—			36	12			—	—			—		—		1	23	0
375	26	*i* 11	02	40		*i* 02	41			03	03			03	07			+154		+ 205		11	20	0
376	27	8	56	53		—	—			57	05			—	—			± 14		—		1	31	0
377	27	*e* 15	52	35		—	—			52	46			—	—			—		—		1	21	0
378	28	22		—		—	—			*e* 33	29			—	—			—		—		—	—	0
379																								
380																								
381																								
382																								
383																								
384																								
385																								

PULSATORY OSCILLATIONS, 1947. (*EW Component.*)

International Seismological Centre

No.	Beginning			Ending			Maximum				
	Date			Date			Date				Double Amplitude
	Month	Day	Hour	Month	Day	Hour	Day	Hour	Day	Hour	μ
1	Jan.	2	11	Jan.	5	12	3	8	3	11	6
2		7	0		8	13	7	3	7	5	4
3		11	15		16	10	11	23	12	19	12
4		18	4		29	8	18	7	19	15	12
5		30	9	Feb.	1	10	31	16	31	23	5
6	Feb.	2	5		5	12	2	5	2	19	10
7		9	9		11	19	10	8	11	1	8
8		15	8		20	15	15	16	16	12	10
9		28	3	Mar.	1	8	28	8	28	16	5
10	Mar.	2	23		4	18	3	6	3	21	10
11		6	16		9	10	7	8	8	12	8
12		14	23		16	15	15	0	15	12	8
13		20	6		20	18	20	8	20	13	9
14		21	3		23	19	21	12	22	23	22
15		25	12		27	3	25	17	25	22	6
16	Apr.	2	7	Apr.	4	14	2	13	3	18	15
17		10	0		11	18	10	2	10	6	3
18		21	16		25	2	21	20	22	7	22
19		29	4	May	2	0	29	8	29	20	10
20	May	8	13		9	23	8	19	5	5	3
21		12	13		13	17	12	16	12	23	6
22		18	18		20	10	19	7	19	20	10
23	June	7	12	June	10	12	9	2	9	8	4
24		11	21		14	3	12	3	12	22	6
25		29	0		30	18	29	6	29	9	4
26	July	10	14	July	11	23	11	9	11	18	5
27	Sept.	6	0	Sept.	6	22	6	1	6	7	8
28		8	22		9	17	9	0	9	5	7
29		12	17		13	22	12	23	13	8	6
30		15	3		17	12	15	15	15	18	8
31	Oct.	1	11	Oct.	2	18	1	14	1	23	5
32		7	7		8	16	8	6	8	11	5
33		10	9		11	20	11	1	11	14	8
34		14	1		15	17	15	3	15	7	3
35		18	2		26	3	20	20	24	23	5
36		28	7		29	18	28	13	29	0	6
37	Nov.	4	21	Nov.	6	3	5	4	5	18	8
38		9	16		11	5	10	7	10	18	10
39		11	11		13	8	12	0	12	18	7
40		13	22		15	21	14	7	14	23	10
41		18	3		19	21	18	11	18	22	12
42		23	16		24	13	23	18	23	23	7
43		26	2		28	16	26	21	27	22	10
44		30	3	Dec.	1	18	30	9	30	22	17
45	Dec.	2	6		5	2	2	12	3	0	15
46		7	1		7	21	7	5	7	11	4
47		9	8		14	18	10	9	13	9	9
48		21	22		23	20	22	2	22	9	4
49		28	1		31	19	28	16	29	18	8

International Seismological Centre

APPENDIX

The Average for the 45 years, 1902—1946

The Average for the 45 years, (1902–1946)

International Seismological Centre

GENERAL RESULTS

Month	AIR PRESSURE (mm) (700 mm+)							AIR TEMPERATURE (°C)								CLOUD		
	Mean	Absolute						Mean	Absolute							Amount Mean	RESULTANT MOTION (Upper)	
		Max.	Day	Year	Min.	Day	Year		Max.	Day	Year	Min.	Day	Year	Range		Direction	%
January	56.7	71.8	9	28	30.1	20	21	–3.0	11.7	9	10	–22.6	24	36	34.3	7.3	s 79° w	84
February	56.6	72.8	24	11	33.3	17	38	–2.3	13.0	8	24	–20.5	2, 23	19, 40	33.5	7.6	s 88° w	82
March	56.8	73.9	7	30	31.5	21	34	1.5	22.2	23	31	–16.8	3	36	39.0	7.1	s 85° w	81
April	56.1	72.0	13	03	26.7	21	29	8.1	27.3	24, 28	11, 22	–10.3	6	16	37.6	6.8	s 85° w	86
May	54.2	68.8	5	05	33.1	18	08	13.1	30.1	23	40	–2.6	4	10	32.7	7.2	s 84° w	80
June	52.2	64.0	5	26	33.7	19	11	17.9	32.5	10	16	0.4	4	21	32.1	7.8	s 82° w	81
July	52.5	62.6	31	34	34.9	27	04	21.9	37.0	12	24	9.4	20, 8 1, 9	07, 08 15, 26	27.6	8.4	s 87° w	67
August	52.9	63.2	29	05	16.2	27	13	23.4	35.4	7, 9	43	8.9	16	19	26.5	7.8	w	61
September	55.2	67.2	21	20	28.5	23	12	18.7	33.5	3	03	2.9	30	40	30.6	8.0	s 76° w	77
October	58.0	71.7	28	16	19.5	1	17	12.2	29.4	5	02	–3.6	26	18	33.0	6.8	s 78° w	86
November	58.5	75.1	30	13	35.8	27	08	6.0	22.2	2	20	–8.8	29	14	31.0	6.8	s 79° w	83
December	57.0	74.4	1	13	28.7	22	25	0.1	17.7	17	29	–15.9	20	07	33.6	7.2	s 79° w	82
Annual	55.6	75.1	30 XI	13	16.2	27 VIII	13	9.8	37.0	12 VII	24	–22.6	24 I	36	59.6	7.4	s 83° w	79

Month	TENSION OF VAPOUR (mm)							HUMIDITY (%)				PRECIPITATION (mm)							SUNSHINE DURATIONS	
	Mean	Absolute						Mean	Absolute			Mean	Maximum						Mean	%
		Max.	Day	Year	Min.	Day	Year		Min.	Day	Year		in 24h	Day	Year	in 4h	Day	Year		
January	3.0	7.5	13	20	0.8	24, 22 28	36, 40 45	80.3	39	27	42	61.5	33.5	12	11	23.1	2	16	104.2	34
February	3.1	9.5	28	12	0.9	8, 23	38, 40	78.8	35	22	43	57.3	78.3	16	23	25.3	28	15	113.1	37
March	3.9	10.7	13	32	1.3	21, 3	08, 36	75.4	27	29, 31	02, 43	66.9	52.7	9	27	25.0	25	26	160.9	44
April	5.8	13.9	24, 25	22	2.0	6, 2	16, 30	71.9	22	2	30	90.8	97.2	4	11	30.5	26	37	186.8	47
May	8.3	17.7	14	36	3.0	2, 3	10	74.5	19	7, 23	31, 40	99.8	82.6	13	34	47.9	13	34	188.4	42
June	12.1	21.8	29	35	5.1	3	21	79.8	26	14	11	114.3	92.5	6	10	47.2	6	10	161.8	36
July	16.5	24.2	30	44	6.6	9	26	84.3	26	9	26	160.8	103.9	8	27	58.5	6	35	132.8	29
August	17.9	27.0	3	37	8.1	3	13	84.7	34	26	09	140.7	147.1	16	38	145.5	16	38	154.4	37
September	13.8	22.8	6	44	5.7	30	40	85.0	30	17	33	158.4	86.8	17	02	56.0	1	37	121.5	33
October	8.8	19.7	2	41	3.6	26	18	82.8	33	7	43	108.9	101.9	3	43	43.0	8	15	135.3	39
November	5.7	14.9	2	34	2.1	28, 25	14, 21	80.6	33	2	20	82.2	58.4	24	11	53.5	24	11	114.0	37
December	3.8	11.7	17	29	1.4	20, 20 28	07, 22 44	81.1	30	4	08	71.4	39.5	21	25	18.4	21	25	97.8	33
Annual	8.6	27.0	3 VIII	37	0.8	24, 22 28 I	36, 40 45	80.0	19	7, 23 V	31, 40	1213.0	147.1	16 VIII	38	145.5	16 VIII	38	139.3	37

Month	WIND									NO. OF DAYS WITH										
	Velocity (m. p. s.)					Resultants														
	Mean	Max.	Dir.	Day	Year	Dir.	Vel.	Dir.	%						Clear	Cloudy			Sunless 1906–1946	
January	2.7	23.7	WNW	30	42	N 31° W	1.6	N 24° W	39	21.5	22.6	0.8	—	1.2	0.6	15.4	5.5	9.3	4.2	1.4
February	2.7	19.3	NW	26	39	N 32° W	1.6	N 26° W	39	19.1	20.0	0.4	—	0.8	0.7	14.7	3.9	7.9	3.5	1.4
March	3.1	27.1	W	7	45	N 44° W	1.5	N 39° W	34	18.1	15.1	0.8	0.0	0.6	1.4	14.6	5.7	9.9	4.2	2.2
April	3.3	29.2	SSE	3	21	N 78° W	0.9	N 79° W	19	13.8	2.7	0.6	0.3	0.9	2.3	13.0	6.3	7.2	3.8	1.3
May	3.0	19.5	WSW	6	44	S 48° W	0.7	S 46° W	15	13.3	0.0	0.1	1.2	1.7	1.8	15.8	4.0	1.6	4.5	1.2
June	2.5	19.5	ESE	25	46	S 13° W	0.8	S 14° W	24	14.1	—	0.1	1.2	2.0	1.2	18.3	0.8	0.0	5.4	1.5
July	2.2	15.8	W	2	16	S 4° W	1.0	S 3° W	30	17.4	—	—	1.5	2.2	0.4	21.6	0.5	—	6.2	1.1
August	2.0	20.3	S	16	11	S 4° E	1.0	S	33	15.3	—	—	2.3	3.6	0.7	18.2	0.5	—	3.7	1.3
September	1.9	29.7	S	23	12	S 24° W	0.3	S 52° W	6	16.6	—	—	1.3	4.1	1.0	18.7	1.3	0.1	5.8	1.3
October	1.9	19.3	SSE	8	44	N 48° W	0.5	N 37° W	18	15.7	0.1	0.1	0.6	5.6	2.4	13.8	1.2	3.5	5.4	1.5
November	2.5	21.0	WNW	7	43	N 39° W	1.1	N 28° W	27	17.5	4.3	1.0	0.3	3.2	2.0	11.7	3.4	10.3	3.7	1.8
December	2.7	30.0	WNW	9	40	N 32° W	1.6	N 24° W	37	20.4	17.5	1.2	0.2	1.3	1.0	13.5	4.8	12.7	4.8	1.6
Annual	2.6	30.0	WNW	9 XII	40	N 66° W	0.6	N 64° W	13	201.4	82.2	5.0	9.0	27.1	15.5	189.3	38.0	62.4	55.3	17.6

The Average for the 45 years, (1902–1946)

International Seismological Centre

Hour \ Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
TENSION OF VAPOUR (mm)													
2	2.9	3.0	3.8	5.6	7.9	11.6	15.9	17.4	13.4	8.5	5.5	3.7	8.3
6	2.8	2.9	3.6	5.4	7.9	11.7	16.0	17.3	13.1	8.1	5.3	3.6	8.2
10	3.1	3.1	3.9	5.9	8.5	12.3	16.6	18.0	14.0	9.1	5.8	3.8	8.7
14	3.2	3.2	4.1	6.0	8.6	12.5	17.0	18.3	14.0	9.2	6.0	4.0	8.8
18	3.1	3.2	4.0	6.0	8.6	12.5	17.1	18.4	14.4	9.4	6.0	3.9	8.9
22	3.0	3.1	3.9	5.8	8.3	12.1	16.4	17.8	13.7	8.8	5.7	3.8	8.6
Mean	3.0	3.1	3.9	5.8	8.3	12.1	16.5	17.9	13.8	8.8	5.7	3.8	8.6
RELATIVE HUMIDITY (%)													
2	86.1	85.9	84.5	85.0	88.6	92.2	94.5	95.2	94.6	92.5	88.6	86.6	89.5
6	87.2	86.8	85.6	85.8	87.7	90.8	93.6	95.4	95.3	93.2	89.3	86.9	89.8
10	77.8	74.3	69.1	63.2	65.3	72.6	77.7	77.1	77.1	76.4	75.9	77.5	73.7
14	69.2	66.7	62.1	54.8	56.9	64.0	70.4	68.4	68.3	63.9	65.1	70.3	65.0
18	78.4	76.2	71.2	64.8	66.6	72.7	79.5	80.5	83.3	81.1	78.9	80.4	76.1
22	83.4	83.1	80.0	78.0	81.9	86.6	90.2	91.7	91.6	89.7	85.7	84.7	85.6
Mean	80.3	78.8	75.4	71.9	74.5	79.8	84.3	84.7	85.0	82.8	80.6	81.1	80.0
AMOUNT OF CLOUD (0–10)													
2	7.1	7.2	6.8	6.3	6.9	7.6	8.3	7.9	7.8	6.6	6.4	6.9	7.2
6	7.7	7.8	7.6	7.2	7.7	8.5	9.1	8.9	8.7	7.8	7.3	7.6	8.0
10	7.8	7.8	7.5	6.9	7.4	7.9	8.5	7.9	7.9	7.0	7.2	7.6	7.6
14	7.8	8.0	7.5	7.1	7.5	7.9	8.3	7.4	8.1	7.1	7.3	7.7	7.6
18	7.0	7.4	7.1	7.1	7.3	7.9	8.2	7.6	8.0	6.3	6.0	6.6	7.2
22	6.6	6.9	6.4	6.0	6.3	6.9	7.8	7.0	7.3	6.2	6.2	6.6	6.7
Mean	7.3	7.6	7.1	6.8	7.2	7.8	8.4	7.8	8.0	6.8	6.8	7.2	7.4
AMOUNT OF PRECIPITATION (mm)													
2	10.8	9.6	11.8	16.4	15.2	16.6	26.6	20.2	24.8	18.2	16.1	12.9	199.2
6	10.8	11.1	12.8	16.3	15.8	18.3	30.3	28.2	28.9	17.2	15.1	12.1	216.9
10	11.3	9.8	10.9	14.4	14.9	18.7	23.2	22.4	26.2	16.5	12.8	11.5	192.6
14	8.4	9.0	9.3	13.5	16.2	20.0	23.1	17.9	25.9	16.4	12.0	9.8	181.5
18	9.6	8.9	11.2	14.8	17.7	20.4	32.1	27.8	29.3	19.1	13.5	11.7	216.1
22	10.6	8.9	10.9	15.4	20.0	20.3	25.5	24.2	23.3	21.5	12.7	13.4	206.7
Mean	61.5	57.3	66.8	90.8	99.8	114.3	160.8	140.7	158.4	108.9	82.2	71.4	1213.0
NO. OF DAYS WITH AMOUNT >30 (mm) IN A DAY													
Mean	0.0	0.2	0.2	0.4	0.7	0.6	1.4	1.1	1.3	0.7	0.4	0.0	7.1
FREQUENCY OF PRECIPITATIONS WITH >0.1 (mm) IN 4 HOURS													
Mean	10.4	9.0	8.0	6.1	6.1	6.4	7.9	6.5	7.9	6.9	7.8	10.0	93.0
FREQUENCY OF PRECIPITATION WITH AMOUNT <0.1 (mm) IN 4 HOURS													
	26.0	25.0	20.3	8.7	8.6	8.9	12.3	10.2	8.9	8.5	13.5	21.3	172.3

The Average for the 45 years, (1902–1946)

International Seismological Centre

Hour \ Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AIR PRESSURE (700 mm+)													
2	56.7	56.6	56.7	56.2	54.3	52.3	52.5	53.0	55.2	57.9	58.5	57.0	55.6
6	56.7	56.7	57.0	56.6	54.7	52.7	52.8	53.3	55.5	58.2	58.6	57.0	55.8
10	57.4	57.2	57.3	56.6	54.5	52.5	52.7	53.3	55.6	58.5	59.0	57.6	56.0
14	55.9	55.9	56.0	55.3	53.3	51.5	51.9	52.3	54.4	57.1	57.6	56.2	54.8
18	56.7	56.5	56.6	55.6	53.6	51.7	52.0	52.5	54.8	57.8	58.5	57.0	55.3
22	56.9	56.9	57.2	56.5	54.6	52.6	52.8	53.3	55.6	58.3	58.7	57.1	55.9
Mean	56.7	56.6	56.8	56.1	54.2	52.2	52.5	52.9	55.2	58.0	58.5	57.0	55.6
AIR TEMPERATURE (°C)													
2	−4.4	−4.0	−0.7	4.6	9.2	14.6	19.3	20.7	16.3	9.6	4.0	−1.2	7.3
6	−5.0	−4.7	−1.3	4.2	9.5	15.0	19.5	20.6	15.8	8.8	3.3	−1.6	7.0
10	−2.3	−1.4	2.8	10.2	15.5	19.5	23.3	24.9	20.5	13.8	7.1	0.9	11.2
14	−0.2	0.8	4.9	12.9	18.1	22.0	25.5	27.2	22.7	16.9	9.9	2.7	13.6
18	−2.3	−1.3	2.5	9.9	15.2	19.8	23.4	25.0	19.6	13.3	6.8	4.9	11.0
22	−3.6	−2.9	0.6	6.6	11.3	16.3	20.6	21.7	17.3	10.7	4.9	−0.7	8.6
Mean	−3.0	−2.3	1.5	8.1	13.1	17.9	21.9	23.4	18.7	12.2	6.0	0.1	9.8

FIVE DAY MEANS

Month	Period	Air Press.	Air Temp.	Tension of Vapour	Relative Humidity	Amount of Cloud	Velocity of Wind	Amount of Precipi.	Month	Period	Air Press.	Air Temp.	Tension of Vapour	Relative Humidity	Amount of Cloud	Velocity of Wind	Amount of Precipi.
January	1— 5	55.9	−2.6	3.1	81.0	7.4	2.8	11.0	July	30— 4	51.8	20.1	14.5	83.0	8.6	2.3	27.1
	6—10	57.5	−2.8	3.1	80.7	7.3	2.7	10.3		5— 9	52.0	20.4	15.0	84.0	8.5	2.2	29.7
	11—15	56.9	−2.6	3.0	79.7	7.5	2.9	9.8		10—14	52.4	21.3	16.1	85.0	8.6	2.2	28.1
	16—20	56.0	−3.0	3.0	80.7	7.5	3.7	11.7		15—19	53.0	22.4	17.1	84.9	8.4	2.2	28.0
	21—25	56.9	−3.1	3.0	79.6	7.3	2.8	9.1		20—24	52.7	22.9	17.4	84.3	8.0	2.2	26.6
	26—30	57.1	−3.5	2.9	80.4	7.3	2.4	7.7		25—29	52.8	23.3	17.8	84.2	8.1	2.2	18.3
February	31— 4	56.7	−3.1	3.0	80.9	7.5	2.4	10.4	August	30— 3	52.5	23.5	18.1	84.6	8.3	2.2	20.0
	5— 9	56.3	−3.0	3.0	79.9	7.7	2.6	8.5		4— 8	52.0	24.0	18.5	84.4	7.9	2.2	21.5
	10—14	56.9	−2.7	3.0	79.0	7.5	2.8	9.4		9—13	52.4	23.7	18.2	83.6	7.5	1.9	19.5
	15—19	56.4	−1.8	3.2	78.6	7.7	2.8	14.4		14—18	52.8	23.2	17.7	83.9	7.6	2.2	22.1
	20—24	56.6	−1.9	3.2	77.9	7.2	2.7	7.5		19—23	53.5	23.0	17.8	85.0	7.7	1.9	18.0
	25— 1	56.9	−1.1	3.3	77.2	7.4	3.1	10.5		24—28	53.7	22.7	17.5	85.7	7.9	2.1	29.4
March	2— 6	56.7	−0.5	3.4	77.1	7.4	2.9	9.0	September	29— 2	53.9	22.0	16.9	85.7	7.9	1.9	28.1
	7—11	56.9	0.5	3.6	75.8	7.0	3.1	12.5		3— 7	54.2	21.2	16.3	86.7	8.4	1.9	26.5
	12—16	56.3	0.9	3.8	76.3	7.4	3.1	12.9		8—12	54.6	20.4	15.2	85.4	8.1	2.0	25.1
	17—21	56.8	1.8	3.9	75.2	6.9	3.0	8.6		13—17	55.1	18.8	13.8	85.3	8.2	2.0	28.9
	22—26	56.2	2.8	4.2	74.1	7.2	3.4	11.9		18—22	55.4	17.4	12.5	84.8	7.9	1.9	26.5
	27—31	57.7	3.7	4.4	73.3	6.7	3.3	10.0		23—27	56.5	16.4	11.6	83.8	7.5	1.8	26.1
April	1— 5	57.4	5.5	5.0	73.5	6.9	3.3	16.2	October	28— 2	56.4	15.4	10.8	82.9	7.5	2.0	21.1
	6—10	56.7	6.5	5.1	72.1	6.8	3.4	13.8		3— 7	57.2	14.5	10.3	83.5	7.4	1.9	25.2
	11—15	55.7	7.6	5.5	71.6	6.9	3.4	15.8		8—12	57.3	13.2	9.4	82.3	7.1	2.0	20.2
	16—20	56.2	8.5	5.8	70.8	6.2	3.4	12.4		13—17	58.3	12.5	9.1	84.0	6.8	1.8	18.2
	21—25	55.5	9.7	6.5	72.2	6.8	3.4	16.8		18—22	57.9	11.4	8.4	82.8	6.8	1.9	14.9
	26—30	55.3	10.8	6.9	71.6	7.0	3.4	16.0		23—27	59.2	10.1	7.6	81.9	5.9	2.0	14.3
May	1— 5	55.6	11.8	7.4	72.3	7.1	3.2	17.9	November	28— 1	58.7	9.5	7.4	80.9	6.6	2.0	11.5
	6—10	54.4	12.1	7.5	72.5	7.0	3.2	14.0		2— 6	58.9	8.4	7.0	81.5	6.4	2.2	13.6
	11—15	54.2	12.5	7.9	74.2	7.4	3.0	19.2		7—11	57.7	7.0	6.1	80.4	6.8	2.4	15.1
	16—20	53.7	13.4	8.5	75.7	7.3	3.0	20.9		12—16	58.8	6.1	5.7	80.8	6.6	2.4	12.2
	21—25	53.4	13.6	8.6	75.1	6.9	2.9	13.8		17—21	58.8	5.4	5.5	80.5	7.0	2.4	13.7
	26—30	53.7	14.9	9.6	77.0	7.6	2.7	11.5		22—26	58.7	4.6	5.3	80.3	6.7	2.5	13.0
June	31— 4	53.4	15.9	10.3	77.3	7.1	2.7	9.9	December	27— 1	57.9	3.4	4.7	80.0	7.2	2.7	13.6
	5— 9	52.3	16.8	10.9	77.7	7.0	2.5	21.1		2— 6	57.8	1.8	4.3	81.6	7.0	2.5	11.9
	6—14	53.0	17.4	11.6	79.2	7.8	2.5	17.4		7—11	57.2	1.2	4.1	80.5	7.0	2.9	11.6
	15—19	51.8	18.0	12.4	80.8	8.0	2.5	18.4		12—16	57.1	0.3	3.9	81.0	7.0	2.6	10.8
	20—24	52.2	18.7	12.8	80.2	8.1	2.5	18.7		17—21	56.6	−0.4	3.7	80.7	7.4	2.7	13.4
	25—29	51.1	19.5	13.8	82.4	8.4	2.3	28.2		22—26	56.4	−0.9	3.4	80.0	7.3	2.6	9.3
										27—31	56.5	−1.5	3.4	81.9	7.3	2.5	11.9

The Average for the 45 years, (1902–1946)

International Seismological Centre

NO. OF OBSERVATIONS OF WIND FROM

Dir. / Month	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calm
January	27.8	7.7	8.6	3.3	6.7	3.1	5.1	4.8	8.6	3.5	3.2	2.4	10.7	12.0	25.4	27.6	25.4
February	26.4	7.0	6.5	3.0	4.6	2.7	5.2	4.7	8.4	3.9	3.1	2.6	9.1	11.0	24.7	25.4	21.1
March	26.2	6.6	5.4	2.4	4.6	2.7	5.0	7.4	14.8	6.3	4.8	4.0	10.3	13.7	28.0	25.9	17.9
April	20.3	5.0	4.7	2.1	3.8	2.1	5.3	12.3	27.2	9.2	6.6	4.8	12.4	9.3	19.0	19.9	16.0
May	17.5	5.2	5.3	2.1	4.0	2.0	7.2	16.4	36.9	11.5	6.4	4.2	9.0	7.1	15.6	15.3	20.2
June	15.3	5.4	4.6	1.6	3.0	1.6	7.1	19.6	44.1	14.7	6.1	2.9	6.2	4.0	9.9	13.1	20.9
July	15.3	5.1	4.7	2.0	3.8	1.6	7.4	22.4	48.6	16.5	6.8	2.7	4.2	2.9	7.2	10.4	24.3
August	13.0	4.1	2.9	1.7	3.5	2.6	10.3	25.0	45.3	14.5	6.3	2.5	4.3	2.7	7.7	8.8	30.6
September	17.9	5.7	4.0	1.8	3.6	2.6	8.3	15.0	30.4	8.8	5.4	2.7	5.8	6.0	14.4	15.8	31.7
October	24.0	7.3	5.8	2.2	4.2	3.2	6.2	10.0	19.9	6.9	5.1	3.2	6.5	6.6	19.9	21.7	33.3
November	26.2	7.8	6.6	2.5	4.9	3.4	6.0	7.8	15.0	5.3	5.1	3.1	8.3	7.6	23.0	21.6	25.6
December	28.6	9.7	6.9	3.4	5.7	3.4	5.8	5.2	9.7	4.1	4.0	2.2	9.9	11.2	26.0	25.2	25.0
Mean	21.5	6.4	5.5	2.3	4.4	2.6	6.6	12.5	25.7	8.8	5.2	3.1	8.1	7.8	18.4	19.2	24.3

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

Dir. / Month	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
January	3.3	2.6	2.1	1.9	1.6	1.5	1.7	2.4	2.9	2.0	2.0	2.4	3.1	4.4	4.1	4.0
February	3.3	2.7	2.2	1.9	1.6	1.6	1.8	2.6	2.9	2.4	2.0	2.5	2.7	4.3	4.1	4.0
March	3.3	2.6	1.8	1.6	1.6	1.7	2.6	3.3	3.3	2.7	2.1	2.6	3.6	4.8	4.4	4.1
April	3.5	2.6	2.0	1.7	1.7	1.7	3.2	4.3	4.1	3.0	2.6	4.0	3.8	4.9	4.7	4.4
May	3.0	2.4	1.8	1.6	1.6	1.9	2.9	4.1	4.0	3.0	2.3	2.9	3.6	3.9	4.2	3.9
June	2.7	2.1	1.5	1.4	1.2	1.4	2.8	3.5	3.3	2.7	2.0	2.4	2.5	3.0	2.8	3.2
July	2.3	1.8	1.5	1.3	1.2	1.7	2.4	3.0	3.1	2.5	2.0	2.3	2.3	2.1	2.1	2.6
August	2.2	1.8	1.4	1.3	1.2	2.0	2.7	3.0	3.0	2.3	1.7	1.8	1.5	1.5	2.1	2.3
September	2.3	1.8	1.3	1.3	1.3	1.5	2.8	3.3	2.9	2.1	1.6	1.7	1.9	2.2	2.2	2.5
October	2.3	1.8	1.5	1.2	1.3	1.4	1.8	2.7	2.8	2.0	1.8	2.3	2.2	2.8	3.0	2.8
November	2.9	2.1	1.6	1.5	1.4	1.3	1.8	2.8	3.0	2.5	2.0	2.2	2.8	4.1	4.3	3.6
December	3.2	2.6	2.0	1.7	1.5	1.5	1.6	2.4	2.8	2.0	1.7	2.0	3.1	4.6	4.5	3.8
Mean	2.8	2.2	1.7	1.5	1.4	1.6	2.3	3.1	3.2	2.4	2.0	2.4	2.8	3.6	3.5	3.4

NO. OF DAYS WITH GALES 10–15 (m. p. s.)

Year / Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Mean	4.6	3.2	4.7	5.6	3.7	0.8	0.4	0.4	1.0	1.0	2.8	4.0	32.2
15–29													
Mean	0.9	0.7	0.9	0.7	0.3	0.0	0.0	0.1	0.3	0.2	0.7	0.8	5.6
>29													
Mean	—	—	—	0.0	—	—	—	—	—	—	—	0.0	0.0

The Average for the 45 years, (1902–1946)

International Seismological Centre

VELOCITY OF WIND

Hour \ Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
2	2.4	2.4	2.4	2.2	1.7	1.4	1.4	1.2	1.3	1.4	2.0	2.3	1.8
6	2.3	2.3	2.4	2.0	1.7	1.4	1.3	1.2	1.3	1.3	1.9	2.4	1.8
10	2.6	2.7	3.3	3.7	3.3	2.4	2.1	2.1	2.1	2.1	2.6	2.7	2.6
14	3.5	3.6	4.4	5.2	4.7	3.7	3.2	3.1	3.0	3.2	3.7	3.5	3.7
18	2.9	2.9	3.4	4.2	4.2	3.8	3.1	2.8	2.3	2.1	2.5	2.7	3.1
22	2.5	2.5	2.7	2.7	2.3	2.2	2.1	1.9	1.6	1.5	2.1	2.4	2.2
Mean	2.7	2.7	3.1	3.3	3.0	2.5	2.2	2.0	1.9	1.9	2.5	2.7	2.6

MEAN DIRECTION AND VELOCITY (m. p. s.) OF WIND

Year \ Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1902	N30°W2.3	N55°W1.2	N43°W1.5	N78°W2.2	S66°W1.2	S27°W1.2	S15°W1.1	S17°W0.8	S 4°W1.2	N47°W0.7	N31°W1.2	N27°W2.3	N71°W0.9
03	N31°W1.8	N29°W2.1	N44°W1.4	S67°W0.7	S67°W0.9	S34°W0.9	S45°W0.6	S42°W0.4	S40°W0.6	N38°W0.5	N53°W0.8	N63°W1.4	N69°W0.7
04	N59°W1.1	N59°W1.6	N62°W2.3	S84°W0.9	S29°W1.0	S43°W0.8	S15°W1.5	S30°W0.5	S71°W0.4	N32°W1.2	N38°W1.1	N42°W1.6	N79°W0.8
05	N31°W1.6	N43°W2.0	N59°W1.2	N60°W1.5	S34°W1.2	S22°W0.9	S12°W1.5	S16°W0.9	S42°W0.4	N61°W0.3	N33°W1.4	N41°W1.6	N75°W0.7
06	N37°W2.2	N35°W2.3	N44°W1.8	N51°W1.5	S82°W1.0	S16°W0.9	S 7°W0.2	S21°W1.0	S73°W0.3	N88°W0.6	N36°W1.8	N47°W1.3	N67°W0.9
07	N26°W1.8	N35°W1.5	N51°W1.0	N75°W1.1	S54°W1.0	S69°W0.5	S15°W1.2	S12°E 2.3	W 0.4	N54°W0.9	N35°W1.5	N53°W2.0	N73°W0.7
08	N34°W1.8	N39°W1.6	N59°W1.7	N58°W1.2	S69°W0.8	S16°W0.7	S 5°W1.3	S 3°W1.7	S24°W0.4	N58°W0.6	N52°W1.7	N48°W3.0	N73°W0.9
09	N29°W2.5	N44°W1.8	N47°W1.5	S15°W1.0	N81°W0.7	S18°W1.3	S18°W0.9	S 2°W1.4	S88°W0.4	N43°W1.2	N60°W1.2	N27°W2.1	N67°W0.8
10	N31°W1.9	N37°W1.7	N54°W1.8	N72°W1.2	W 0.8	S21°W1.0	S 6°W1.2	S21°E 0.6	N48°W0.5	N33°W0.9	N39°W1.5	N33°W2.2	N56°W0.9
11	N34°W2.2	N35°W2.2	N27°W2.5	N48°W1.6	S42°W1.0	S28°W0.8	S35°W0.9	S10°W1.5	S29°W0.5	N56°W0.7	N45°W0.9	N23°W2.1	N58°W0.9
12	N14°W2.1	N15°W1.6	N19°W2.4	N50°W1.4	S28°W0.8	S13°W0.5	S36°W0.8	S32°W0.8	S75°W0.1	N27°W0.5	N 4°W1.5	N17°W1.6	N34°W0.8
13	N47°W1.8	N47°W2.0	N66°W1.6	S87°W0.8	N85°W0.7	S11°W0.8	S 3°E 1.0	S23°E 0.6	S31°W0.4	N53°W0.8	N59°W1.5	N56°W1.1	N74°W0.7
14	N69°W0.9	N48°W1.4	N73°W1.3	N50°W1.5	S29°W0.9	S43°W0.7	S 6°W0.6	S 1°E 0.9	S 2°W0.8	N59°W0.4	N85°W0.4	N40°W1.0	W 0.5
15	N54°W1.9	N52°W1.5	N59°W1.5	S77°W1.4	S80°W0.7	S 4°E 0.7	S 5°W1.2	S18°E 1.5	S18°E 0.8	N63°W0.6	N52°W1.0	N49°W1.4	W 0.6
16	N29°W1.8	N40°W1.8	N59°W1.2	S70°W0.8	S36°W0.9	S 3°E 1.7	S 4°E 1.4	S16°E 0.9	S24°W0.2	N59°W0.5	N20°W1.1	N36°W1.7	N80°W0.5
17	N47°W1.0	N29°W1.4	N33°W0.9	S75°W0.8	S48°W0.5	S21°W0.8	S 2°W1.0	S12°E 1.2	S 5°W0.7	N69°W0.3	N43°W0.8	N36°W0.7	S85°W0.4
18	N55°W0.8	N39°W1.3	N50°W1.3	S35°W0.7	S36°W1.0	S 3°W1.1	S 3°E 1.2	S 2°E 0.9	S12°E 0.6	N22°W0.3	N30°W1.0	N38°W1.6	S83°W0.4
19	N56°W1.4	N31°W1.3	N60°W1.5	S80°W1.0	S 8°W0.6	S 1.2	S15°E 1.4	S 4°W0.6	S43°E 0.4	N60°W0.3	N40°W0.5	N38°W1.6	N89°W0.4
20	N51°W1.3	N35°W1.6	N71°W0.7	N82°W0.8	N59°E 0.4	S 4°W1.0	S 3°W1.0	S19°E 2.0	S14°W0.5	N84°W0.5	N46°W1.1	N42°W1.5	N89°W0.4
21	N32°W1.4	N45°W1.4	N49°W1.5	S16°W0.9	S12°W0.8	S 9°E 1.0	S17°E 1.2	S23°E 0.8	S17°W0.3	N26°W0.8	N46°W1.0	N36°W1.5	N77°W0.4
22	N24°W1.6	N20°W1.0	N19°W1.2	N83°W0.7	S26°W0.7	S 8°W0.8	S 1°E 1.3	S16°W0.4	S11°W0.7	S60°W0.2	N38°W1.3	N25°W1.7	N64°W0.4
23	N41°W1.1	N24°W0.8	N43°W1.2	N83°W1.0	S24°W1.1	S66°W0.2	S 4°E 0.7	S 4°W1.1	S54°E 0.1	N53°W0.7	N48°W1.6	N33°W1.8	N67°W0.6
24	N33°W1.9	N28°W2.1	N17°W1.9	S37°W0.8	S80°W0.9	S 6°W1.2	S 7°W0.8	S19°W0.7	N88°W0.3	N42°W0.4	N44°W1.1	N20°W1.9	N53°W0.7
25	N25°W2.0	N26°W1.6	N54°W1.7	N44°W1.0	S15°W0.6	S 4°W1.4	S 9°W1.5	S 4°E 2.2	N88°W0.3	N23°W0.8	N44°W1.8	N45°W1.1	N73°W0.6
26	N40°W1.6	N39°W2.2	N46°W1.7	N53°W1.9	S24°W0.9	S10°W1.1	S45°W0.5	S 3°W0.9	S63°W0.7	N45°W0.9	N19°W1.6	N39°W1.7	N60°W0.9
27	N21°W1.8	N28°W2.0	N28°W2.2	N25°W0.9	S84°W0.7	S39°W0.7	S 0.8	S 6°E 0.7	N35°W0.3	N30°W0.4	N19°W1.4	N17°W1.7	N36°W0.8
28	N16°W1.2	N22°W2.0	N35°W1.8	N42°W1.2	S23°W1.4	S 3°E 1.1	S 3°E 1.1	S 8°E 1.1	S 6°W1.0	N16°W0.6	N28°W1.3	N14°W2.4	N50°W0.5
29	N14°W2.6	N10°W1.5	N33°W1.4	N56°W0.8	S12°W0.4	S 8°W0.8	S11°W0.8	S14°W0.8	S58°W0.1	N40°W0.2	N 8°W0.8	N 1°E 1.8	N30°W0.5
30	N 5°W2.4	N22°W2.2	N15°W1.5	N33°W0.8	S63°W0.6	N25°W0.4	S 1°W1.0	S 1°W1.5	N37°W0.4	N25°W0.8	N58°W0.6	N18°W1.8	N31°W0.7
31	N13°W2.2	N15°W1.7	N36°W2.0	N58°W1.0	N69°W0.6	S16°W1.3	S51°W0.5	S 8°W0.8	S22°E 0.3	N47°W0.6	N46°W0.8	N22°W2.0	N43°W0.7
32	N20°W1.4	N10°W1.7	N29°W1.8	N76°W1.2	S54°W0.9	S 7°E 1.6	S 3°W0.3	S 1.7	N33°W0.1	N42°W0.2	N36°W1.0	N32°W1.9	N57°W0.5
33	N34°W1.3	N31°W1.3	N30°W1.8	S80°W0.6	S 1°W1.0	S 3°E 0.8	S 6°E 1.0	S18°E 1.1	S 6°W0.3	N31°W1.0	N31°W1.2	N23°W1.8	N54°W0.4
34	N25°W1.0	N19°W1.7	N61°W1.1	N80°W1.4	S36°W0.3	S18°W0.5	S 5°E 1.2	S16°E 0.3	S16°E 0.6	N72°W0.3	N87°W0.6	N39°W1.5	N72°W0.5
35	N32°W1.6	N34°W1.1	N59°W1.8	S59°W0.8	S34°W0.9	S24°W0.9	S 8°E 0.6	S 3°E 1.0	S25°E 0.2	S36°W0.2	N31°W1.6	N27°W1.3	N74°W0.5
36	N39°W1.8	N32°W1.8	N41°W1.3	N73°W1.0	S 8°W0.7	S15°W0.7	S 8°E 0.3	S 3°E 0.6	S18°W0.6	N57°W0.8	N39°W0.9	N13°W1.1	N58°W0.6
37	N20°W1.8	N11°W1.4	N36°W1.6	N61°W0.9	S83°W0.6	S20°W0.6	S 2°W1.4	S 2°E 0.3	S81°W0.2	N25°W0.3	N 6°W1.0	N18°W1.1	N42°W0.5
38	N31°W1.1	N22°W0.7	N42°W1.4	S79°W0.8	S 1°E 0.3	S21°W0.6	S23°E 0.7	S34°E 1.9	S18°E 0.7	N20°E 0.6	N11°E 1.1	N 2°E 1.6	N19°W0.2
39	N10°E 1.8	N 4°E 1.9	N26°W1.6	N83°W1.0	S60°W0.5	S 2°W1.2	S 9°W0.7	S13°E 1.4	S 0.7	N39°W0.4	N38°W0.6	N32°W1.1	N47°W0.3
40	N16°W1.6	N32°W1.7	N35°W2.1	S85°W1.6	S55°W1.0	S13°W0.6	S20°W0.6	S 2°W1.5	N40°W0.4	N79°W0.4	N45°W0.7	N28°W1.5	N63°W0.7
41	N23°W1.3	N22°W1.9	N43°W1.5	N81°W0.9	S74°W0.8	S53°W0.9	S21°W0.9	S 9°W1.4	S49°W0.3	S66°W0.1	N13°W0.8	N36°W1.4	N71°W0.7
42	N38°W1.6	N28°W1.0	N53°W1.2	S88°W2.0	N77°W1.1	S30°W0.6	S 2°W0.5	S 2°E 0.6	S17°W0.1	N35°W0.8	N58°W1.4	N40°W1.2	N66°W0.7
43	N59°W2.0	N41°W1.6	N49°W2.1	N89°W0.7	S68°W0.6	S 3°E 1.4	S12°E 2.4	S10°E 1.0	S 6°E 0.7	N41°W0.8	N59°W0.8	N35°W2.0	N85°W0.6
44	N30°W2.1	N43°W1.6	N45°W1.8	N63°W1.0	S29°W0.9	S15°W0.5	S 1°E 1.2	S18°E 0.9	S22°W0.5	S74°W0.3	N46°W1.3	N42°W1.2	N69°W0.6
45	N32°W1.2	N39°W2.2	N65°W1.3	N70°W0.7	N88°W0.4	S 9°E 1.1	S 5°E 1.1	S 9°E 1.3	S21°W0.4	S54°W0.3	N59°W1.4	N47°W1.4	N78°W0.5
46	N48°W1.2	N33°W1.6	N63°W1.8	N84°W0.9	S11°W0.9	S 8°E 1.0	S24°E 1.1	S15°E 1.4	S44°W0.4	N75°W0.5	N59°W0.8	N49°W1.3	S88°W0.5
Mean	N31°W1.6	N32°W1.6	N44°W1.5	N78°W0.9	S48°W0.7	S13°W0.8	S 4°W1.0	S 4°E 1.0	S24°W0.3	N48°W0.5	N39°W1.1	N32°W1.6	N66°W0.6

The Average for the 45 years, (1902–1946)

International Seismological Centre

MEAN DIRECTION AND FREQUENCY OF WIND

Year \ Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1902	N26°W41	N53°W26	N51°W31	S89°W36	S44°W27	S31°W33	S17°W33	S22°W32	S10°W29	N43°W22	N34°W28	N17°W39	N87°W17
03	N34°W41	N30°W50	N43°W31	S65°W18	S48°W23	S25°W29	S36°W17	S37°W14	S48°W25	N39°W16	N45°W16	N62°W28	N78°W17
04	N67°W22	N57°W35	N66°W49	S79°W22	S29°W28	S41°W17	S22°W32	S34°W20	S88°W13	N33°W33	N41°W27	N39°W35	N82°W20
05	N41°W40	N50°W42	N61°W29	N66°W23	S53°W24	S27°W52	S17°W41	S19°W39	S74°W10	N56°W15	N33°W37	N47°W31	N85°W19
06	N34°W46	N36°W54	N46°W31	N67°W26	S65°W26	S24°W28	S15°W52	S26°W37	N61°W13	N74°W18	N39°W33	N36°W27	N78°W20
07	N33°W47	N41°W38	N41°W29	S86°W24	S54°W23	S54°W15	S17°W37	S10°W61	N71°W24	N42°W23	N31°W42	N31°W27	N75°W17
08	N28°W43	N44°W33	N80°W33	N64°W26	S65°W18	S10°W23	S 6°W49	S 5°W44	N72°W15	N57°W17	N47°W37	N42°W43	N83°W18
09	N29°W62	N40°W36	N50°W38	S54°W19	N89°W21	S11°W41	S22°W26	S10°W46	S83°W12	N42°W32	N68°W19	N20°W55	N72°W19
10	N25°W52	N38°W36	N54°W48	N78°W25	S87°W17	S28°W29	S12°W39	S16°E 21	S41°W21	N32°W48	N34°W42	N29°W51	N61°W22
11	N22°W59	N27°W59	N25°W61	N44°W32	S32°W30	S31°W20	S48°W27	S21°W43	S33°W21	N49°W30	N32°W24	N12°W44	N55°W22
12	N 33	N11°W40	N 2°W43	N38°W23	S27°W17	S18°W10	S29°W26	S44°W33	N38°W 4	N11°W15	N 4°E 41	N11°W38	N27°W15
13	N46°W49	N40°W56	N52°W38	N75°W17	S89°W10	S26°W17	S 1°W29	S29°E 22	S51°W11	N66°W29	N54°W28	N53°W32	N69°W18
14	N46°W21	N48°W45	N72°W26	N33°W33	S26°W21	S22°W20	S 2°E 15	S12°W25	S12°W18	N50°W17	N75°W 9	N27°W30	N81°W13
15	N45°W34	N36°W35	N36°W25	S71°W24	S67°W10	S 4°W23	S 2°W44	S10°E 40	S 7°E 19	N70°W14	N51°W24	N41°W28	S79°W11
16	N16°W38	N32°W43	N41°W31	S52°W14	S42°W19	S 2°E 41	S 6°E 45	S13°E 29	S39°W 8	N83°W 8	N20°W45	N32°W45	N75°W10
17	N31°W29	N27°W47	N29°W26	S60°W16	S72°W13	S22°W23	S 2°W26	S12°E 44	S14°W22	S41°W 5	N38°W24	N23°W28	N89°W 9
18	N28°W20	N33°W38	N45°W36	S53°W20	S34°W26	S 5°E 34	S 6°E 35	S 8°W32	S47°W 8	N 4°W18	N27°W38	N41°W42	N83°W11
19	N54°W53	N30°W40	N50°W38	S70°W24	S28°W14	S 6°W43	S18°E 51	S 8°W25	N10°W 1	N30°W18	N25°W24	N30°W53	N77°W14
20	N37°W40	N27°W62	N70°W31	N79°W28	N54°E 9	S13°W36	S 5°W44	S19°E 62	S35°W22	S86°W17	N39°W33	N41°W53	N85°W15
21	N23°W51	N34°W51	N47°W51	S27°W27	S16°W25	S 1°W35	S17°E 45	S23°E 39	S55°W12	N22°W48	N37°W31	N19°W46	N64°W13
22	N16°W50	N12°W37	N11°W38	N76°W18	S60°W15	S21°W20	S 4°W45	S16°W16	S14°W29	N85°W 8	N14°W17	N17°W31	N60°W10
23	N35°W33	N32°W22	N34°W28	N85°W17	S18°W33	S47°W 8	S 9°E 25	S 3°E 34	S58°E 5	N38°W19	N34°W28	N28°W29	N73°W10
24	N16°W40	N20°W33	N17°W45	S37°W18	S84°W12	S11°W44	S10°W18	S23°W25	N88°W 9	N 2°E 14	N21°W23	N10°W49	N46°W12
25	N15°W49	N20°W42	N48°W27	N43°W27	S18°W21	S 4°W40	S11°W39	S 4°E 58	N89°W 9	N17°W27	N38°W38	N51°W36	N73°W13
26	N34°W40	N33°W40	N44°W31	N54°W28	S51°W21	S15°W31	S40°W12	S 28	S50°W20	N45°W21	N12°W40	N33°W38	N62°W17
27	N11°W48	N20°W40	N27°W48	S89°W12	S84°W11	S39°W24	S40°E 42	S 6°E 26	N40°W22	N29°W16	N14°W39	N 5°W37	N34°W16
28	N 9°W31	N 8°W45	N24°W34	N54°W21	S29°W33	S 8°E 23	S 3°W34	S 1°E 31	S14°W24	N 9°W28	N15°W29	N 2°W48	N43°W 9
29	N 9°W52	N 7°W37	N35°W37	N45°W18	S23°W13	S14°W25	S19°W15	S19°W21	N54°W 4	N21°W10	N 5°W25	N51°E 51	N27°W14
30	N 1°W57	N21°W41	N13°W40	N42°W18	S63°W13	N17°W15	S 3°W36	S 5°W44	N36°W26	N27°W45	N65°W26	N14°W59	N33°W20
31	N 1°W58	N13°W52	N45°W35	N61°W27	N38°W15	S25°W42	S62°W22	S10°W31	S40°W 3	N39°W16	N22°W20	N15°W41	N44°W17
32	N16°W36	N 6°W46	N24°W36	N82°W22	S42°W19	S 3°E 41	S16°E 8	S 1°W46	N15°W13	N13°E 12	N23°W19	N19°W43	N43°W10
33	N27°W41	N27°W45	N22°W45	N66°W18	S 17	S 1°E 23	S 9°E 35	S15°E 34	S 9°W 1	N21°W41	N17°W31	N13°W43	N36°W13
34	N15°W28	N 7°W47	N46°W19	N75°W27	S33°W 2	S28°W11	S10°E 37	S24°E 14	S 9°W10	N52°W13	N76°W12	N30°W34	N55°W 9
35	N22°W34	N18°W34	N50°W30	S86°W14	S30°W20	S18°W21	S14°E 24	S 1°W23	S49°W 4	N63°W 6	N25°W39	N17°W33	N58°W10
36	N28°W30	N26°W40	N27°W28	N69°W19	S 8°W21	S 9°W26	S39°E 14	S 3°E 26	S22°W21	N40°W16	N33°W21	N 5°W37	N57°W 9
37	N15°W44	N 8°W34	N23°W34	N83°W18	N70°W 8	S12°W17	S 5°W46	S17°E 13	N65°W13	N 1°E 12	N 9°E 35	N 5°W38	N28°W12
38	N16°W28	N21°W23	N39°W38	N78°W16	S 7°W 7	S10°W22	S20°E 31	S28°E 65	S 7°E 5	N35°E 29	N21°E 34	N17°E 38	N23°E 5
39	N29°E 40	N20°E 38	N14°W39	N52°W17	S65°W12	S 1°W32	S15°W22	S 6°E 44	S 3°E 14	N31°W17	N24°W14	N28°W30	N29°W 5
40	N14°W42	N24°W39	N29°W37	S78°W29	S46°W20	S30°W10	S 4°W18	S 3°W48	N41°W21	N67°W12	N34°W19	N16°W32	N60°W13
41	N 8°W27	N16°W39	N33°W34	N75°W13	S89°W15	S50°W19	S23°W25	S13°W49	S33°W11	S65°W17	N 22	N28°W26	N73°W11
42	N32°W38	N25°W26	N39°W27	S87°W26	N80°W21	S23°W17	S 2°W 8	S21°W13	N80°E 1	N22°W20	N48°W24	N31°W30	N55°W15
43	N47°W33	N27°W35	N46°W49	N72°W13	S68°W13	S 3°W33	S12°E 71	S 3°E 31	S11°W17	N38°W23	N40°W15	N28°W40	W 11
44	N17°W49	N39°W31	N50°W33	N64°W19	S27°W20	S30°W 9	S 2°W34	S22°E 29	S24°W15	N72°W11	N55°W27	N37°W27	N71°W12
45	N29°W34	N27°W50	N56°W27	N56°W14	N72°W 6	S10°E 26	S 5°E 31	S 8°E 44	S42°W13	N44°W 8	N46°W27	N34°W35	N71°W10
46	N43°W30	N28°W38	N52°W43	N83°W19	S 1°W26	S 7°E 24	S68°E 36	S11°E 45	S84°W 7	N79°W16	N62°W17	N48°W36	S84°W11
Mean	N24°W39	N26°W39	N39°W34	N79°W19	S46°W15	S14°W24	S 3°W30	S 33	S52°W 6	N37°W18	N28°W27	N24°W37	N64°W13

EARTH TEMPERATURE (°C) Measured by the thermometers directly earthed

Depth	Period	Hour \ Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Surface	1905–1946	2	–1.4	–1.2	0.9	5.8	11.0	16.4	21.0	22.5	18.2	11.3	4.9	0.3	9.1
		6	–1.6	–1.4	0.4	4.9	10.6	16.4	20.9	22.2	17.5	10.6	4.3	0.2	8.7
		10	–1.0	–0.7	3.5	12.4	19.1	24.0	27.2	28.8	23.1	15.3	7.4	0.7	13.3
		14	–0.3	0.7	7.7	16.4	22.6	27.7	31.0	32.7	26.0	18.4	10.3	2.2	16.3
		18	–0.8	–0.3	3.7	11.1	16.8	22.0	25.9	27.1	21.6	14.3	7.0	1.0	12.5
		22	–1.1	–0.8	1.7	7.6	12.9	18.2	22.4	23.8	19.1	12.3	5.5	0.5	10.2
		Mean	–1.0	–0.6	3.0	9.7	15.5	20.8	24.7	26.2	20.9	13.7	6.6	0.8	11.7
0.05 m	1932–1946		0.4	0.3	3.4	9.3	15.3	20.6	24.4	26.2	21.9	15.1	8.5	2.5	12.3
0.1 m	1917–1946		0.1	–0.1	2.8	9.2	14.8	19.9	24.2	25.8	21.5	14.6	7.8	2.3	11.9
0.2 m	1917–1946		1.5	0.8	2.8	8.5	13.9	18.8	23.1	25.0	21.6	15.2	8.9	3.6	12.0
0.3 m	1916–1946		1.6	1.0	3.0	8.4	13.6	18.5	22.8	24.7	21.5	15.3	9.1	3.8	11.9

The Average for the 45 years, (1902–1946)

International Seismological Centre

EARTH TEMPERATURE Continued Measured by the Thermometers Inserted in Iron Tubes.

Depth	Period	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
0.3 m	1905—1915 1923—1946	1.7	1.1	3.0	8.0	13.2	18.1	21.8	24.1	21.0	15.3	9.4	4.1	11.7
0.5	1932—1946	3.5	2.6	3.6	7.4	12.3	16.9	20.8	23.1	21.5	16.6	11.5	6.1	12.2
1.0	1905—1946	5.9	4.6	4.5	7.0	10.8	14.3	17.8	20.5	20.4	17.3	13.1	8.8	12.1
2.0	1932—1946	11.2	9.7	8.6	8.4	9.2	10.8	12.7	14.6	16.0	16.1	14.7	13.3	12.1
3.0	1905—1946	12.7	11.6	10.6	9.9	9.9	10.4	11.4	12.6	13.8	14.6	14.6	13.9	12.2
5.0	1932—1946	13.1	12.7	12.1	11.6	11.1	11.0	11.1	11.5	12.1	12.7	13.1	13.3	12.1
6.0	1905—1946	12.9	12.7	12.4	12.1	11.7	11.5	11.4	11.6	11.8	12.3	12.6	12.9	12.1

MAXIMUM CONTINUANCE OF DAYS WITH PRECIPITATION

Years	From		To		No. of Days	Remarks
	Day	Month	Day	Month		
1902	2	Jan.	21	Jan.	20	
03	22	July	4	Aug.	14	
04	26	Oct.	11	Nov.	17	27, <0.1
05	28	Nov.	16	Dec.	19	5, <0.1
06	25	Jan.	18	Feb.	25	4, 8, <0.1
07	31	Aug.	10	Sept.	11	
08	11	Jan.	29	Jan.	19	12, 14, 26, <0.1
09	17	Feb.	28	Feb.	12	
10	3	Aug.	16	Aug.	14	
11	8	Oct.	19	Oct.	12	11, 14, (≡) <0.1
12	11	July	22	July	12	
13	8	Jan.	20	Jan.	13	
14	9	Dec.	22	Dec.	14	
15	18	Aug.	29	Aug.	12	
16	29	Feb.	17	Mar.	18	3, 15, 16, 17, <0.1
17	18	Feb.	11	Mar.	22	26, 8, 11, <0.1, 3–
18	5	Nov.	29	Nov.	25	17,20,21,29, <0.1,24.–
19	2	Jan.	30	Jan.	29	10, 18, 24–
20	4	May	14	May	11	12, <0.1
21	12	Mar.	26	Mar.	15	
22	11	Dec.	25	Dec.	15	
23	19	Feb.	14	Mar.	24	24,–
24	13	Feb.	28	Feb.	16	
25	20	Feb.	19	Mar.	28	27, <0.1
26	14	Dec. (1925)	7	Jan. (1926)	25	
27	23	Dec. (1927)	1	Jan. (1928)	10	
28	12	Feb.	27	Feb.	16	21, <0.1
29	29	Dec. (1928)	12	Jan. (1929)	15	4, 5, <0.1
	20	Aug.	1	Sept.	13	
30	9	Nov.	18	Nov.	10	
	9	Jan.	15	Jan.	7	
31	4	Feb.	10	Feb.	7	
	25	Oct.	31	Oct.	7	
32	6	Mar.	18	Mar.	13	11,–
33	11	Jan.	21	Jan.	11	
	16	Dec.	26	Dec.	11	
34	8	Feb.	24	Feb.	17	13, <0.1
35	15	Jan.	7	Feb.	24	29,–
36	31	Dec. (1935)	5	Feb.	37	11,–
37	22	Nov.	13	Dec.	22	
38	24	Jan.	12	Feb.	20	5,–
39	27	Dec. (1938)	10	Jan.	15	1, <0.1
40	12	Feb.	29	Feb.	18	19,–
41	6	Feb.	16	Feb.	11	11, <0.1
42	5	Feb.	22	Feb.	18	11, <0.1
43	31	Dec. (1942)	18	Jan.	19	9, 10, <0.1
44	31	Jan.	29	Feb.	30	10, <0.1
45	1	Dec.	29	Dec.	29	
46	3	Jan.	19	Jan.	17	8,– 14, (0.0)
Absolute	31	Dec. (1935)	5	Feb. (1940)	37	11–

MAXIMUM CONTINUANCE OF DAYS WITHOUT PRECIPITATION

Years	From		To		No. of Days	Remarks
	Day	Month	Day	Month		
1902	3	June	10	June	8	
03	26	Sept.	7	Oct.	12	1, 3, 7, <0.1
04	14	Aug.	29	Aug.	16	19, 21, 22, <0.1
05	9	Apr.	15	Apr.	7	
06	19	May	26	May	8	
07	20	July	1	Aug.	13	24, <0.1
08	12	Oct.	24	Oct.	13	
09	15	July	24	July	10	21, <0.1
10	15	Apr.	24	Apr.	10	24, <0.1
11	18	Feb.	28	Feb.	11	18, 21, 23, <0.1
12	17	Oct.	23	Oct.	7	22, 23, <0.1
13	1	Aug.	9	Aug.	9	
14	31	Aug.	10	Sept.	11	2, 7, 8, <0.1
15	15	July	22	July	8	
16	11	Aug.	22	Aug.	12	
17	16	July	2	Aug.	18	22 <(≡)(0.1)
18	23	July	29	July	7	
19	9	July	18	July	10	18, <0.1
20	27	May	3	June	8	
21	2	June	10	June	9	
22	13	Aug.	22	Aug.	10	
23	20	Apr.	28	Apr.	9	20, 22, 28 <0.1
24	6	July	15	July	10	
25	13	Apr.	22	Apr.	10	
26	9	May	17	May	9	
27	22	Apr.	1	May	10	
28	8	Apr.	18	Apr.	11	
29	30	July	13	Aug.	15	
30	12	Oct.	19	Oct.	8	
31	2	May	8	May	7	
	27	July	2	Aug.	7	
32	24	July	30	July	7	
33	23	May	31	May	9	
34	5	Dec.	13	Dec.	9	
35	18	Nov.	24	Nov.	7	
36	5	Oct.	12	Oct.	8	8, 12, <0.1
37	19	Oct.	31	Oct.	13	
38	3	June	11	June	9	7, <0.1
39	25	Aug.	7	Sept.	14	25, <0.1
40	10	June	16	June	7	10, <0.1
41	7	Nov.	14	Nov.	8	
42	21	May	3	June	14	27, (3.2)
43	23	June	9	July	17	23, 3, 4, 9, <0.1
44	31	July	7	Aug.	8	
45	12	Apr.	18	Apr.	7	
	3	Aug.	9	Aug.	7	
46	26	July	6	Aug.	12	31, (0.0)
Absolute	16	July (1917)	2	Aug. (1917)	18	22, (≡) (0.1)

The Average for the 45 years, (1902–1946)

International Seismological Centre

NO. OF DAYS WITH MINIMUM AIR TEMP <0°C

Year \ Month	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Sum	First Date	Last Date	Interval Days
Mean	1.2	10.6	27.2	30.2	27.4	24.4	8.3	0.9	130.2	27.8 Oct.	1.8 May	187.6

NO. OF DAYS WITH MEAN AIR TEMP <0°

Mean	—	0.8	14.7	25.4	22.3	10.1	0.4	—	73.8	2.9 Dec.	20.5 Mar.	109.2

NO. OF DAYS WITH MAXIMUM AIR TEMP. <0°

Mean	—	0.1	3.9	10.8	7.6	1.6	—	—	24.0	14.0 Dec.	28.7 Feb.	77.7

NO. OF DAYS WITH MAXIMUM AIR TEMP. >25°

Year \ Month	Apr.	May	June	July	Aug.	Sept.	Oct.	Sum	First Date	Last Date	Interval Days
Mean	0.2	2.8	9.7	20.6	26.1	10.9	0.4	70.6	15.4 May	25.4 Sept.	133.5

NO. OF DAYS WITH MAXIMUM AIR TEMP. >30°

Mean	—	0.0	0.7	6.5	9.7	0.8	—	17.7	4.9 July	29.6 Aug.	57.2

NO. OF DAYS WITH MEAN AIR TEMP. >25°

Mean	—	—	0.0	5.4	8.0	0.5	—	13.9	17.7 July	25.5 Aug.	38.5

HOAR FROST

Year \ Month	First Day		Last Day		Interval Days	Year \ Month	First Day		Last Day		Interval Days
	Day	Month	Day	Month			Day	Month	Day	Month	
Mean	17.5	Oct.	8.0	May	201.5	Mean	27	Sept. (1908)	4	June (1921)	267

SNOW

Mean	14.2	Nov.	10.1	Apr.	147.8	Absolute	25	Oct. (1919)	10	May (1917)	198

SNOW ON GROUND

Mean	1.1	Dec.	26.2	Mar.	116.0	Absolute	25	Oct. (1919)	30	Apr. (1934)	188

AMOUNT OF EVAPORATION (mm)

Year \ Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
OPEN AIR (1916–1946)													
Mean	2.0	2.4	3.0	4.5	5.3	5.6	5.5	5.2	3.8	2.6	1.9	1.8	3.6
IN THE SHELTER (1917–1946)													
Mean	1.0	1.1	1.2	1.6	1.8	1.6	1.4	1.4	1.1	1.0	0.9	1.0	1.2