

1:226
7m

Acc # 64-A - 1462
Box #3



ANNUAL REPORT
OF THE
METEOROLOGICAL
AND THE
SEISMOLOGICAL OBSERVATIONS
MADE AT THE
INTERNATIONAL LATITUDE OBSERVATORY
OF MIZUSAWA
FOR
THE YEAR 1962.

LATITUDE 39°08' N., LONGITUDE 141°08' E.,
HEIGHT ABOVE MEAN SEA LEVEL 62 METERS.

PUBLISHED BY THE INTERNATIONAL LATITUDE OBSERVATORY
OF MIZUSAWA.

1963

LIBRARY OF THE SURVEY

MAR 24 1963

LIBRARY

ERRATA

Page	Date	Column	Error	Correction
Introduction		13. Weather Symbols	U	U
4	17	Air temperature mean	4.6	4.6
4	12	Direction and velocity (m.p.s.) of the wind mean	6.7	6.7
5	14	Amount of cloud mean	3.0	9.0
11		Amount of Evaporation large Sized mean		91.1
12	7	Air Temperature 14 ^h	19.2	19.1
19	16	Amount of Evaporation large sized	(0.6)	(0.9)
22	4	Direction and velocity (m.p.s.) of the wind 2 ^h	8.5	8.5
22	27	" Maximum vel.		N
23		Earth Temperature (°C)	TEMER- ATURE	TEMPERATURE
			17 53	14 53
37	No.235	P. NS	1 2	May 1 2
			May 8 23	8 23
43	No. 23	Ending Date	7 22	Jun. 7 22
43	No. 28	"	Jun 9 17	9 17

Introduction



This annual report contains all the meteorological and seismological data observed at the International Latitude Observatory of Mizusawa during 1962 which may serve to investigate the meteorological and seismological effects on the latitude observations. These observations have been continued since 1902.

The majority of meteorological instruments are situated in the observing field about 10 meters north of the visual zenith telescope room. In this field, there are the motor-driven aspiration psychrometer, maximum and minimum thermometers, thermograph, hygograph, pluviograph, Hellmann's chionograph, rain gauges, large-sized evaporimeter, L-tube earth thermometers, Simon's earth thermometers, snow measuring plates, snow gauge and Robitzsch actinograph. The Fortin's mercurial barometer, three aneroid barographs, Richard's "Barometre de Gravité" and anemograph are set in the seismograph room, about 110 meters NNE of the visual zenith telescope room. The Robinson's cup anemometer, wind vane and Jordan's sunshine recorder are fixed on the top of the observing tower above the building of the meteorological section, about 16.5 meters high above the ground.

The meteorological observations and computations are performed in accordance with the instructions issued by Japan Meteorological Agency, Tokyo. Observations have been made six times a day, that is, at 2^h, 6^h, 10^h, 14^h, 18^h, and 22^h of Japanese Standard Time of the meridian 135 E (9^h east of Greenwich) as a routine work. This distribution of times of observation appears to be convenient to investigate the meteorological effects on the latitude observations. The observing programme of the international latitude observations was altered since January 6, 1955 and the three groups were observed during one night. The central time of each group corresponds to 22^h for the evening group, 0^h for the intermediate group and 2^h for the morning group respectively.

The following points are to be noted as for the meteorological observations:

1. *Air pressure.*—The barometric readings in the unit of millibar (mb) are reduced to the freezing point of water and the standard gravity at 45°N of latitude, 980.665 dynes. The observed gravity at Mizusawa is 980.162 dynes according to the measurements of the Geographical Survey Institute of Japan. This value referred to the Potsdam Gravity System is reduced to the Meteorological Gravity System by adding (−0.013 dynes) to the former. These corrected values are defined as the station pressure. Moreover, those reduced to the mean sea level (M.S.L. Pressure) are given in the next columns. The Gothic figures represent the maximum or minimum values in a given month.
2. *Air Temperature.*—The dry-bulb thermometer of the motor-driven aspiration psychrometer is adopted as standard. Air temperature is recorded in degrees Centigrade (°C) and the value below 0°C are prefixed by a minus sign. Maximum and minimum air temperatures are the highest and lowest temperature between 0^h and 24^h of the day respectively. Maximum or minimum thermometer is reset usually at 22^h, and so the selfrecording instrument is applied to observe the occurrence of maximum or minimum air temperature between 22^h and 2^h. The Gothic figures in the "Max., Min." represent the maximum, minimum values in a given month.
3. *Wind Velocity and Wind Direction.*—The unit of the wind velocity is meters per second. The wind velocity at the time of observation indicates ten minutes' mean velocity before the time of observation. The values of the wind velocity measured by Robinson's cup anemometer are multiplied by the factor C determined by the following formula;

$$\log_{10} C = 0.3411 - 0.2151 \log_{10} (V + 10),$$

where V represents the wind velocity measured by Robinson's cup anemometer.

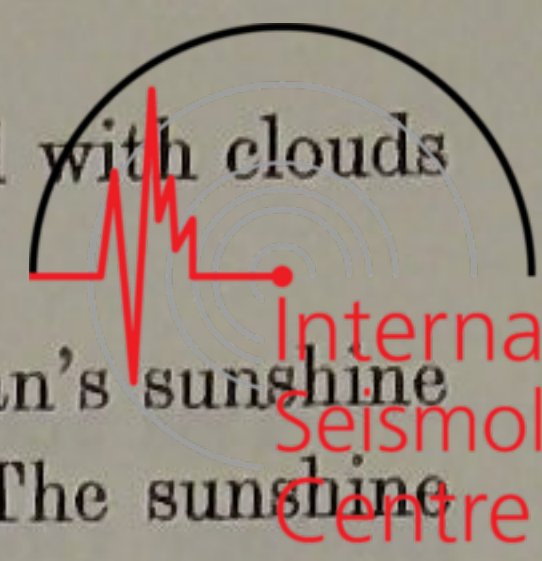
This formula was derived experimentally from the wind tunnel at Japan Meteorological Agency and it was adopted regularly since 1, January 1949.

The wind velocity in the column of "Mean for 24^h" are computed from the value of the total air movement in a 24-hour period (0^h–0^h). The wind direction are indicated on a 16 point-scale. When the wind velocity is less than 0.3 meter per second, the wind direction is denoted as "—".

4. *Relative Humidity and Vapour Pressure.*—The motor-driven aspiration psychrometer is used and Sprung's psychrometric formula is applied to derive the vapour pressure in mb as

$$e = E' - \frac{4}{3} A (t - t') \frac{P}{755},$$

where e denotes the vapour pressure in mb, E' the saturation vapour pressure at t' , $t - t'$ the temperature difference between the dry-bulb and the wet-bulb thermometers and P the air pressure in $mm Hg$. The factor A is put as $1/2$ according to Sprung and 0.44 in the case of the



International
Seismological
Centre

- freezing of the wet bulb.
5. *Cloud Amount*.— The cloud amount is measured visually by the amount of the sky covered with clouds and expressed in tenths of the whole sky covered.
 6. *Duration of Sunshine*. — The number of hours with sunshine is the value read from Jordan's sunshine recorder (heliograph). Minutes of time are converted into a tenths of one hour. The sunshine in percent of the possible amount for the month is also given.
 7. *Total Solar and Sky Radiation on the Horizontal Surface*. — It is measured by the Robitzsch actinograph. The instrumental constant k corresponding to 1 cm of displacement of the pen is 0.375 cal./cm².min.
 8. *Amount of Evaporation*.— It is measured by the evaporimeter with 120 cm of diameter (large-sized). This evaporimeter is used regularly during the unfrozen months from May to October. The amount of evaporation is recorded in mm and its daily data are the values measured at 10^h once a day.
 9. *Precipitation*.— It is recorded in mm and observed with the rain gauge with 20 cm of diameter. Precipitation in the daily data is the total obtained in 24 hours from 22^h of the preceding day to 22^h of the day.
 10. *Earth Temperature*.— The L-tube earth thermometers of 0.05, 0.10, 0.20, and 0.30 meters of depth and Simon's earth thermometer of 0.5, 1.0, 2.0, 3.0 and 6.0 meters of depth are employed. The earth temperature at 0.05, 0.10, 0.20 and 0.30 meters of depth in the daily data are the average values of six observations in a given day, and those at 0.5, 1.0, 2.0, 3.0 and 6.0 meters of depth in the monthly data are the average values of daily observations made at 10^h once a day.
 11. *Clear and Cloudy Days*. — The cloud amount is less than 2.5 exclusive for the clear days and more than 7.4 inclusive for the cloudy days.
 12. *Sunless Days*.— They indicate the days without record on Jordan's sunshine recorder through the whole daytime.
 13. *Weather Symbols*. — On recording the meteorological phenomena, the following symbols adopted by Japan Meteorological Agency were used.

Weather Symbols

●	Rain	⇨	Drifting snow	☾	Ash fall
⊙	Rain shower	+	Blowing snow	\$	Drifting dust
∞	Freezing rain	⇨	Snow storm	\$	Blowing dust
9	Drizzle	△	Dew	☾	Dust storm or Sand storm
∞	Freezing drizzle	⊥	White dew	ε	Dust whirl or Sand whirl
✕	Snow	⊥	Hoar-frost	⊕	Solar halo
☾	Snow shower	⊥	Ice columns	⊕	Lunar halo
☾	Rain and snow mixed	⊥	Air hoar	⊕	Solar corona
☾	Rain and snow mixed shower	∨	Soft rime	⊕	Lunar corona
△	Snow pellets	∨	Hard rime	⊕	Irisation
△	Snow grains	S	Glaze	∩	Rainbow
△	Ice pellets	☒	Snow coverage	⚡	Thunderstorm
⊕	Small hail	⊥	Freezing	<	Lightning
▲	Hail	⊥	Spout	⊥	Thunder
↔	Ice prisms	∞	Haze	↘	Gale
≡	Fog	S	Dust haze	·	Rain in the neighbourhood
≡	Ice-fog	☒	Yellow sand	⊥	Snow in the neighbourhood
=	Mist	☾	Smoke	≡	Fog in the neighbourhood

Here, the intensity of the meteorological phenomena is represented by three suffices on right side above the symbol, that is, 0, 1 and 2, according to the instructions issued by the Japan Meteorological Agency.

The heights of the meteorological instruments are as follows:

Barometer. — 63.7 m above mean sea level.

Air Temperature Thermometer. — 1.3m above the ground.

Anemometer. — 16.5 m above the ground.

Anemoscope. — 16.5 m above the ground.

Rain Gauge. — 0.6 m above the ground.

The observations and computations have been worked out by Messrs, T. Goto, I. Kumagai, K. Suzuki and N. Kikuchi, under the superintendence of C. Sugawa, the chief of the Meteorological Section.

July 1963

T. Okuda

Director of the International Latitude Observatory
of Mizusawa



METEOROLOGICAL OBSERVATIONS

Time	Direction and Force of the Wind	Direction of Surface Wind	Force of Surface Wind (Knots)	Temperature		Relative Humidity (%)	Clouds	Pressure (mm Hg)	Wind Speed (Knots)	Wind Direction
				Air	Sea					
01	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
02	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
03	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
04	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
05	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
06	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
07	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
08	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
09	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
10	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
11	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
12	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
13	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
14	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
15	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
16	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
17	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
18	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
19	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
20	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
21	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
22	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
23	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
24	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
25	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
26	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
27	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
28	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
29	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
30	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
31	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
32	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
33	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
34	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
35	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
36	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
37	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
38	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
39	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
40	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
41	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
42	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
43	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
44	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
45	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
46	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
47	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
48	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
49	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
50	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
51	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
52	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
53	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
54	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
55	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
56	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
57	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
58	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
59	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
60	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
61	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
62	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
63	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
64	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
65	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
66	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
67	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
68	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
69	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
70	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
71	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
72	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
73	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
74	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
75	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
76	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
77	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
78	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
79	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
80	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
81	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
82	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
83	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
84	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
85	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
86	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
87	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
88	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
89	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
90	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
91	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
92	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
93	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
94	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
95	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
96	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
97	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
98	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
99	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	
100	0.0	W	0.0	12.0	12.0	80	0.0	10.0	W	

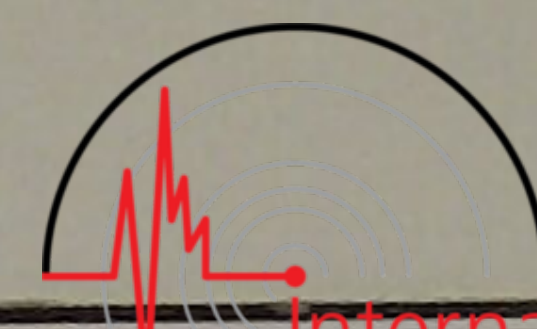
JANUARY, 1962.



Day	STATION PRESSURE (1000 mb+)							M.S.L. PRESSURE (1000 mb+)							AIR TEMPERATURE °C						
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean
1	15.1	14.8	14.2	9.9	7.1	2.6	10.6	23.5	23.3	22.4	17.9	15.2	10.6	18.8	-10.6	-12.6	-6.3	0.0	-1.9	-1.1	-5.4
2	995.5	982.5	977.3	973.4	973.0	972.9	979.1	3.9	990.3	985.0	981.1	980.6	980.6	986.9	0.3	1.3	2.2	4.5	4.3	3.5	2.7
3	975.8	980.0	987.8	993.1	0.7	4.0	990.2	983.5	987.8	995.6	0.9	8.6	12.0	998.1	3.2	3.6	4.0	3.5	0.6	1.8	2.8
4	5.3	6.8	8.3	5.5	4.5	3.4	5.6	13.3	14.7	16.2	13.3	12.4	11.3	13.5	1.1	1.6	2.6	6.6	3.9	3.0	3.1
5	1.1	0.2	3.5	6.7	10.4	12.3	5.7	9.0	8.1	11.4	14.7	18.4	20.4	13.7	2.8	2.4	3.5	1.0	-1.8	-2.0	1.0
6	12.5	13.6	16.7	17.0	17.8	18.2	16.0	20.7	21.6	24.9	25.1	26.0	26.4	24.1	-2.6	-2.8	-2.7	-1.5	-3.1	-3.8	-2.8
7	16.7	16.0	16.6	15.4	17.0	16.8	16.4	25.0	24.2	24.7	23.5	25.1	24.9	24.6	-3.2	-2.6	-0.2	-0.2	-0.9	1.0	-1.0
8	15.8	15.0	15.0	12.1	13.1	13.0	14.0	23.8	23.1	23.0	20.0	21.1	21.0	22.0	0.4	0.4	2.6	4.5	2.7	2.7	2.2
9	12.8	12.8	14.1	12.1	13.7	15.4	13.5	20.8	20.8	22.0	20.0	21.7	23.7	21.5	0.6	-0.1	2.9	4.7	-1.0	-3.4	0.6
10	15.3	14.9	15.4	11.8	12.5	12.0	13.7	23.4	23.1	23.6	19.9	20.6	20.0	21.8	-2.7	-3.4	-2.4	-1.3	-0.8	-0.7	-1.9
11	10.7	10.7	10.5	7.4	8.4	8.4	9.4	18.8	18.7	18.4	15.3	16.4	16.5	17.4	-0.8	-0.5	0.9	4.1	1.9	-0.3	0.9
12	7.9	8.7	9.7	6.1	4.9	3.7	6.8	16.0	16.7	17.7	14.1	12.8	11.7	14.8	-1.8	-1.7	-1.3	1.9	3.9	2.6	0.6
13	3.0	1.9	1.8	999.5	0.2	999.0	0.9	10.9	9.8	9.7	7.4	8.1	7.0	8.8	2.0	1.6	3.7	3.9	0.8	-0.9	1.9
14	0.2	1.3	3.4	1.9	4.0	5.5	2.7	8.2	9.4	11.5	9.9	12.1	13.7	10.8	-1.5	-2.5	-2.5	-1.4	-2.6	-3.4	-2.3
15	5.4	6.2	6.7	4.9	6.1	5.4	5.8	13.6	14.3	14.8	13.0	14.2	13.6	13.9	-4.5	-3.9	-1.8	-1.8	-3.0	-4.0	-3.2
16	4.3	4.8	6.0	4.3	5.3	5.1	5.0	12.4	13.0	14.0	12.3	13.4	13.1	13.0	-5.1	-3.8	-1.8	-0.4	-2.3	-2.7	-2.7
17	5.4	5.7	6.4	4.4	5.6	6.7	5.7	13.5	13.8	14.4	12.4	13.6	14.8	13.8	-3.4	-3.4	0.4	1.4	-0.4	-1.9	-1.2
18	7.3	8.2	9.8	7.5	7.6	5.1	7.6	15.5	16.5	17.9	15.5	15.7	13.1	15.7	-6.5	-8.6	-2.3	2.7	-1.0	-1.1	-2.8
19	3.1	999.4	995.2	987.3	987.0	986.7	993.1	11.1	7.4	3.1	995.1	994.8	994.6	1.0	-0.6	-1.3	0.3	2.0	1.6	1.8	0.6
20	986.7	985.7	985.8	987.1	990.8	991.6	988.0	994.6	993.6	993.5	994.8	998.6	999.4	995.8	0.6	-0.4	3.8	4.3	2.2	1.2	2.0
21	991.9	992.6	993.0	993.1	994.9	996.4	993.7	999.9	0.5	0.9	1.0	2.8	4.4	1.6	0.1	-1.2	2.2	0.6	-1.2	-2.2	-0.3
22	997.3	997.6	999.0	998.0	998.9	998.8	998.3	5.3	5.7	7.0	5.9	6.9	6.8	6.3	-2.6	-2.2	0.8	0.8	-1.5	-1.3	-1.0
23	998.4	998.4	998.7	996.1	997.4	997.7	997.8	6.5	6.6	6.7	4.0	5.4	5.8	5.8	-2.9	-9.2	-0.6	0.5	-2.0	-4.6	-3.1
24	997.1	996.7	998.8	997.1	999.6	999.6	998.2	5.3	4.8	7.0	5.0	7.7	7.7	6.3	-7.9	-7.4	-4.5	0.3	-1.8	-3.6	-4.2
25	998.0	996.8	996.7	994.9	996.3	996.7	996.6	6.1	4.9	4.7	2.8	4.4	4.8	4.6	-6.2	-5.3	-0.7	-0.6	-3.5	-3.3	-3.3
26	996.4	995.8	996.2	994.7	995.6	995.3	995.7	4.4	3.9	4.1	2.6	3.6	3.4	3.7	-3.4	-3.4	0.2	1.0	-2.2	-4.2	-2.0
27	994.2	994.2	994.7	992.9	994.1	995.2	994.2	2.2	2.4	2.7	0.7	2.1	3.4	2.3	-4.4	-8.4	-2.8	2.7	-2.4	-5.8	-3.5
28	996.3	998.0	999.8	999.1	2.0	2.6	999.6	4.4	6.1	7.8	7.1	10.1	10.6	7.7	-3.7	-7.0	-1.6	1.1	-1.8	-1.7	-2.5
29	2.6	2.8	3.0	1.6	1.3	0.7	2.0	10.6	10.9	11.0	9.5	9.2	8.7	10.0	-2.0	-2.6	1.2	1.5	-0.4	-0.8	-0.5
30	999.7	998.2	998.4	995.8	997.6	999.8	998.3	7.7	6.4	6.2	3.7	5.5	7.8	6.2	-3.0	-6.9	2.9	3.0	1.5	-0.4	-0.5
31	1.4	3.4	6.0	5.7	7.9	10.4	5.8	9.4	11.4	14.0	13.6	15.9	18.3	13.8	-0.4	-2.0	2.2	3.7	-0.6	0.1	0.5
Mean	2.4	2.1	2.9	1.2	2.4	2.6	2.3	10.4	10.1	10.8	9.1	10.4	10.6	10.3	-2.2	-3.0	0.2	1.7	-0.4	-1.1	-0.8

Day	DIRECTION AND VELOCITY (m.p.s.) OF THE WIND													Duration of Sunshine in hours	Total Solar and Sky Radiation (Cal/cm ²)		
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean 24 ^h	Maximum									
	Dir.		Vel.		Dir.		Vel.										
1	N	0.7	—	0.0	NNW	0.4	—	0.0	W	0.4	NNW	1.3	0.8	W	2.4	5.3	293
2	W	2.4	NW	5.7	SSE	1.7	NW	1.7	SW	6.5	S	0.9	3.8	W	13.5	0.9	161
3	NNW	1.7	WNW	15.8	WNW	16.0	WNW	9.1	NW	6.3	NNW	5.9	9.0	WNW	17.1	6.3	260
4	NNW	4.0	N	2.2	SE	1.3	SSE	2.0	S	4.2	—	0.2	2.6	S	6.3	4.5	210
5	—	0.0	S	3.0	NW	1.3	W	9.4	WNW	2.4	E	0.9	3.9	W	9.4	1.9	188
6	N	2.8	NNE	2.2	NNW	0.7	SE	0.7	SW	0.4	—	0.2	1.4	NW	4.2	0.9	140
7	—	0.0	SSE	2.0	E	0.7	NNW	4.0	WNW	1.7	NW	5.2	2.2	NW	5.7	—	156
8	NW	0.9	ESE	0.4	NW	3.2	NW	5.2	NNW	5.5	NNW	5.0	3.4	NW	8.2	3.3	206
9	NNW	2.0	NNW	2.4	N	3.4	W	2.4	W	3.0	—	0.0	2.0	NNW	5.5	6.3	292
10	—	0.0	WNW	1.1	NW	0.9	W	0.4	—	0.0	—	0.2	0.9	NNW	3.2	—	94
11	—	0.2	—	0.2	NW	0.9	NNW	1.3	W	0.7	SW	0.9	0.9	SW	3.0	1.2	179
12	—	0.0	NE	0.9	—	0.2	NE	2.0	SSE	4.2	NW	1.5	1.1	S	5.7	1.0	108
13	SE	2.0	E	1.5	NNW	3.0	NNW	5.2	N	3.0	—	0.0	2.6	NNW	7.4	1.1	158
14	NE	2.0	N	4.6	NNW	6.1	NNW	5.2	NNW	5.5	NNW	6.1	5.2	NNW	9.3	0.5	145
15	NNE	2.4	NNW	9.4	NNW	5.2	N	4.6	N	4.4	NW	1.3	4.3	NNW	9.4	2.2	230
16	—	0.0	NNE	1.1	WNW	5.7	W	2.6	—	0.0	SSE	2.8	1.8	WNW	5.5	3.8	232
17	—	0.0	WSW	2.0	SE	1.3	SE	1.5	WNW	1.3	W	0.7	1.4	SE	3.2	3.7	239
18	NNW	1.1	—	0.0	NW	1.1	WSW	0.4	—	0.2	—	0.0	1.0	NNW	2.8	4.2	266
19	NW	2.0	NNW	3.8	NW	7.1	NNW	10.0	NNW	8.7	NNW	10.1	6.9	NNW	12.5	—	105
20	NW	2.8	ESE	2.0	NW	4.8	WNW	11.0	WNW	8.2	NW	6.9	4.7	NNW	13.0	1.5	205
21	NNW	5.4	ENE	1.5	W	4.0	W	2.6	W	8.0	S	2.8	3.2	W	9.4	3.8	262
22	WNW	0.9	SSE	2.6	WSW	6.7	W	6.3	ESE	1.7	SSE	3.6	3.0	W	11.7	4.2	298
23	SE	2.8	W	1.7	NNW	0.9	NNW	2.4	WNW	2.8	—	0.0	2.0	S	5.4	3.4	298
24	NW	0.9	E	0.7	NW	0.9	N	0.9	NW	2.2	NW	2.6	1.5	NW	5.7	0.7	140
25	WSW	0.7	—	0.0	WNW	1.3	NNW	2.8	—	0.2	ENE	0.9	1.0	SSE	3.8	3.1	292
26	SE	2.6	ESE	1.1	E	1.7	WSW	0.7	NNW	1.7	NE	0.4	1.6	S	3.8	4.3	301
27	—	0.0	NW	1.1	WSW	0.4	W	1.3	SE	1.7	NE	0.9	1.2	N	3.4	7.7	365
28	W	6.5	WNW	1.5	ENE	0.7	W	0.9	N	1.7	NW	5.4	2.3	NNW	7.3	4.2	261
29	NNE	1.7	WNW	5.9	WNW	5.7	NNW	6.3	WNW	9.3	N	6.3	5.3	WNW	9.8	5.0	318
30	SW	0.7	N	0.9	N	3.4	N	3.4	WNW	4.6	NNW	4.6	3.5	NNW	8.9	6.2	295
31	NNW	4.6	NNW	4.2	NNW	4.8	NNW	4.4	NW	3.0	NNW	3.8	3.5	NNW	5.9	8.7	361
Mean	1.7	2.6	3.1	3.6	3.3	2.6	2.8	99.9	7058								

JANUARY, 1962.

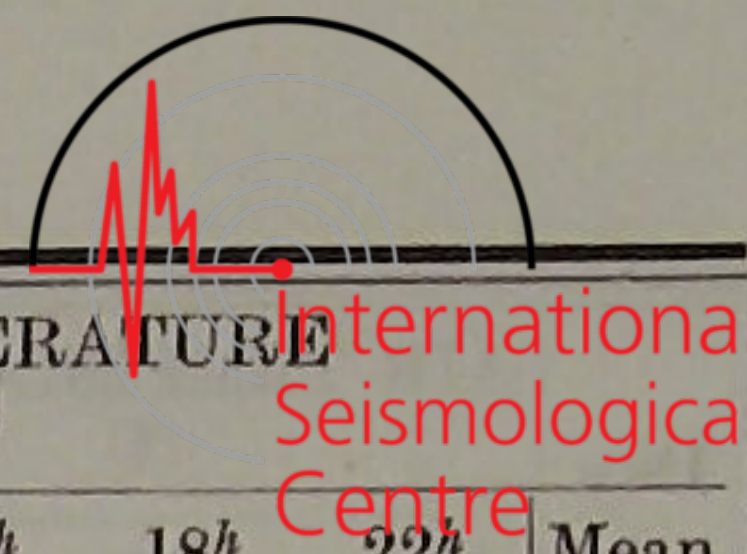


International
Seismological
Centre

Day	AIR TEMPERATURE °C			VAPOUR PRESSURE (mb)							RELATIVE HUMIDITY (%)							AMOUNT OF CLOUD (0-10)			
	Max.	Min.	Range	2 ^h	6 ^h	10 ^h	14 ^h	16 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	6 ^h	14 ^h	22 ^h	Mean
1	0.4	-12.6	13.0	2.5	2.1	3.2	4.2	4.3	5.1	3.6	90	88	85	69	81	90	84	0	10	10	6.7
2	5.9	-1.0	6.9	5.7	6.5	6.9	6.6	5.9	6.2	6.3	91	97	97	79	71	79	86	10	10	5	8.3
3	4.7	0.5	4.2	5.9	5.7	5.5	5.3	5.5	4.0	5.3	77	72	68	67	86	58	71	6	10	4	6.7
4	8.2	1.1	7.1	4.3	5.2	5.4	5.3	5.2	6.4	5.3	65	75	73	54	65	84	69	10	2	10	7.3
5	3.7	-2.7	6.4	6.5	6.8	6.1	4.6	4.5	4.3	5.5	87	92	77	69	83	81	82	10	7	10	9.0
6	-1.1	-3.9	2.8	4.3	4.3	4.6	4.3	4.3	4.1	4.3	86	86	91	78	89	88	86	10	10	10	10.0
7	1.3	-3.5	4.8	4.3	4.7	5.7	4.8	4.8	4.8	4.9	89	94	94	80	84	73	86	10	10	10	10.0
8	4.5	0.0	4.5	4.7	5.0	5.5	5.1	5.0	4.5	5.0	75	79	75	61	67	61	70	10	10	10	10.0
9	5.3	-3.4	8.7	4.9	4.3	4.3	4.3	4.4	4.3	4.4	77	70	57	50	77	91	70	10	3	0	4.3
10	-0.6	-3.8	3.2	4.2	3.8	4.2	5.0	5.4	5.6	4.7	84	81	82	90	94	96	88	10	10	10	10.0
11	4.2	-1.2	5.4	5.5	5.6	5.5	6.5	6.5	5.7	5.9	96	96	84	79	93	96	91	10	10	10	10.0
12	4.0	-2.6	6.6	5.2	5.3	5.4	6.5	7.0	6.9	6.1	96	98	97	93	86	94	94	10	10	10	10.0
13	4.1	-1.2	5.3	6.8	6.7	5.7	5.0	4.5	5.2	5.7	97	98	71	62	69	90	81	10	6	10	8.7
14	-1.0	-4.1	3.1	5.2	4.3	3.9	3.9	3.7	3.5	4.1	95	84	76	71	72	73	79	10	9	10	9.7
15	-1.3	-4.9	3.6	3.9	3.1	3.7	3.6	3.2	3.5	3.5	89	67	68	67	66	77	72	10	10	10	10.0
16	0.5	-5.5	6.0	3.9	3.8	3.5	4.2	4.4	4.8	4.1	93	82	65	71	84	95	82	10	10	10	10.0
17	2.9	-4.5	7.4	4.6	4.4	4.4	4.6	4.2	4.1	4.4	97	93	70	68	71	77	79	10	7	8	8.3
18	2.9	-8.8	11.7	3.3	2.9	4.3	4.3	4.6	5.1	4.1	87	89	82	58	81	90	81	0	10	10	6.7
19	2.0	-1.7	3.7	5.0	5.5	5.8	6.3	5.1	4.6	5.4	85	99	93	89	74	66	84	10	10	10	10.0
20	4.6	-0.9	5.5	5.1	5.0	5.5	5.3	5.1	5.1	5.2	80	84	69	64	71	77	74	10	10	10	10.0
21	3.2	-2.3	5.5	5.2	5.2	4.4	5.1	4.7	4.9	4.9	85	93	62	79	84	94	83	10	10	10	10.0
22	2.7	-3.1	5.8	4.9	4.9	4.7	3.7	5.2	5.3	4.8	97	94	73	58	95	95	85	10	9	10	9.7
23	1.4	-9.6	11.0	4.6	2.7	5.2	5.0	4.3	4.1	4.3	93	89	89	79	81	94	88	3	10	10	7.7
24	0.7	-9.3	10.0	3.0	3.3	4.0	5.8	4.9	4.3	4.2	90	93	91	93	91	93	92	8	10	6	8.0
25	1.2	-7.3	8.5	3.6	3.9	5.0	5.2	4.5	4.5	4.5	94	95	87	89	94	95	92	10	10	10	10.0
26	2.7	-5.7	8.4	4.4	4.2	5.4	5.0	4.7	4.3	4.7	93	89	88	76	90	96	89	10	10	10	10.0
27	3.3	-8.9	12.2	4.1	3.0	3.7	4.1	3.6	3.5	3.7	94	92	74	55	71	88	79	0	9	0	3.0
28	1.9	-8.2	10.1	4.0	3.1	4.1	5.2	5.0	4.2	4.3	86	86	76	78	93	78	83	0	8	6	4.7
29	1.9	-3.3	5.2	3.8	3.9	4.4	4.7	4.0	4.3	4.2	72	78	67	68	68	74	71	2	8	0	3.3
30	4.0	-7.0	11.0	4.2	3.3	5.0	5.7	5.6	4.8	4.8	85	91	66	75	82	80	80	2	9	0	3.7
31	4.2	-4.3	8.5	4.9	4.3	4.4	4.5	4.3	4.1	4.4	82	81	62	57	73	66	70	0	0	2	0.7
Mean	2.7	-4.3	7.0	4.6	4.4	4.8	5.0	4.8	4.7	4.7	87	87	78	72	80	84	81	7.5	8.6	7.8	8.0

Day	PRECIPITATION (mm)	Amount of Evaporation Large Sized (mm)	Depth of Snow Cover (cm)	EARTH TEMPERATURE (°C)										REMARKS	
				5 cm							Daily Mean				
				2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	10cm	20cm	30cm		
1	0.5		13	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.8	2.1	3.6	☐ ² , ☐ ² , ☐ ² , ☐ ¹ , ✕ ⁰ , ☒, ☒
2	26.5		12	0.4	0.3	0.3	0.7	0.9	0.8	0.6	0.7	0.7	1.7	2.9	✕ ⁰ , ☉ ¹ , ☒, ☒
3	0.7		9	0.6	0.8	1.8	3.9	2.0	1.1	1.7	1.3	1.7	1.7	2.8	☉ ⁰ , ☉ ⁰ , ☉ ⁰ , ☐ ⁰ , ✕ ⁰ , ☐ ⁰ , ☒, ☒, ☒
4	0.5		6	0.8	0.7	0.6	5.3	3.9	2.8	2.4	1.7	2.1	2.1	3.1	☐ ¹ , ☐ ⁰ , ☉ ⁰ , ☒
5	7.0		3	2.3	2.0	2.5	4.3	2.6	1.5	2.5	2.4	2.8	3.5	3.5	☉ ⁰ , ✕ ⁰ , ☐ ⁰ , ☒, ☒
6	1.8		4	1.1	1.0	0.8	0.8	0.8	0.8	0.9	1.4	2.4	3.5	3.5	☐ ¹ , ✕ ⁰ , ☒
7	1.2		3	0.8	0.8	0.7	0.8	1.0	0.9	0.8	1.2	2.2	3.3	3.3	☐ ¹ , ✕ ⁰ , ☒
8	0.1		—	1.0	1.0	1.1	4.0	3.2	2.3	2.1	1.9	2.5	3.4	3.4	☐ ⁰ , ✕ ⁰ , ☉ ⁰ , ☒
9	—		—	1.6	1.2	1.4	1.2	4.2	1.9	1.9	2.5	3.1	3.7	3.7	☉ ¹ , ☐ ¹
10	0.8		—	1.3	1.0	0.8	0.8	0.8	0.8	0.9	1.5	2.7	3.6	3.6	☐ ¹ , ☐ ¹ , ✕ ⁰ , ☒, ☒
11	0.0		—	0.8	0.9	1.3	4.8	3.6	2.3	2.3	2.1	2.6	3.4	3.4	☉ ⁰ , ☉ ⁰ , ☉ ² , ☒
12	0.1		—	1.5	1.1	1.1	2.5	3.0	2.8	2.0	2.2	2.9	3.7	3.7	☉ ² , ✕ ⁰ , ☉ ⁰ , ☉ ⁰ , ☐ ¹ , ☐ ¹
13	0.6		—	2.5	2.4	3.0	4.6	3.3	2.0	3.0	3.1	3.5	3.9	3.9	☉ ⁰ , ☉ ⁰ , ✕ ⁰ , ☒, ☒, ☐ ⁰
14	0.7		2	1.6	1.3	1.2	1.3	1.3	1.0	1.3	1.9	3.0	3.9	3.9	☐ ¹ , ✕ ⁰ , ☒
15	0.2		2	0.8	0.8	0.7	1.6	1.2	0.8	1.0	1.5	2.5	3.5	3.5	☐ ² , ✕ ⁰ , ☐ ⁰ , ☒, ☒
16	0.9		3	0.6	0.6	0.6	1.8	1.6	1.1	1.1	1.4	2.3	3.3	3.3	☐ ¹ , ✕ ¹ , ☒, ☒
17	0.5		1	1.0	0.8	1.0	4.3	3.3	1.9	2.1	2.0	2.6	3.4	3.4	☐ ¹ , ✕ ⁰ , ☒
18	—		—	1.2	0.9	0.7	1.3	1.4	0.9	1.1	1.5	2.6	3.4	3.4	☐ ¹ , ☐ ¹
19	5.9		8	0.8	0.8	0.8	1.3	1.2	1.0	1.0	1.3	2.2	3.2	3.2	☐ ⁰ , ✕ ⁰ , ☉ ⁰ , ☒, ☒
20	0.4		3	0.9	0.9	1.2	3.6	2.8	2.0	1.9	1.9	2.4	3.2	3.2	✕, ☐ ⁰ , ☉ ⁰ , ☉ ⁰ , ☉ ⁰ , ☐ ⁰ , ☒, ☒, ☒
21	4.2		2	1.5	1.3	1.8	4.5	4.3	2.3	2.6	2.4	2.9	3.5	3.5	☐ ⁰ , ☐ ⁰ , ☉ ⁰ , ☒, ☒
22	7.0		12	1.9	1.6	1.4	4.0	2.5	1.8	2.2	2.2	2.9	3.6	3.6	✕ ¹ , ☒, ☒, ☐ ⁰ , ☒
23	0.5		10	1.7	1.3	1.2	3.8	2.7	1.3	2.0	1.9	2.7	3.5	3.5	☐ ¹ , ✕ ⁰ , ☒
24	5.3		11	0.8	0.6	0.5	0.5	0.5	0.5	0.6	1.2	2.2	3.3	3.3	☐ ² , ☐ ¹ , ✕ ¹ , ☒
25	0.9		14	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	2.0	3.0	3.0	☐ ¹ , ✕ ¹ , ☒
26	0.1		9	0.5	0.5	0.5	1.8	1.7	0.8	1.0	1.3	1.9	2.9	2.9	☐ ¹ , ✕ ⁰ , ☒
27	—		7	0.6	0.5	0.5	3.5	2.3	0.9	1.4	1.4	2.1	3.0	3.0	☐ ² , ☐ ⁰ , ☒
28	0.0		6	0.6	0.5	0.4	0.4	0.8	0.6	0.6	1.0	1.9	2.9	2.9	☐ ⁰ , ☐ ¹ , ✕ ⁰ , ☒, ☒
29	0.0		5	0.5	0.4	0.5	3.4	1.0	1.0	1.1	1.4	2.0	2.8	2.8	☐ ¹ , ✕ ⁰ , ☒
30	0.0		5	0.8	0.7	0.4	1.8	2.0	1.0	1.1	1.3	2.0	2.8	2.8	☐ ¹ , ✕ ⁰ , ☒
31	—		4	0.6	0.6	0.6	4.6	3.4	1.5	1.9	1.6	2.2	2.8	2.8	☐ ¹ , ☐ ⁰ , ☒
Mean	66.4			1.0	0.9	1.0	2.5	2.1	1.3	1.5	1.6	2.4	3.3	3.3	

FEBRUARY, 1962.



Day	STATION PRESSURE (1000 mb+)							M.S.L. PRESSURE (1000 mb+)							AIR TEMPERATURE °C						
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean
1	11.8	13.6	15.4	14.5	16.1	16.5	14.7	19.9	21.8	23.5	22.4	24.3	24.8	22.8	-4.4	-7.9	-0.4	1.9	-2.7	-4.8	-3.1
2	16.5	16.3	16.2	14.1	15.1	15.3	15.6	24.8	24.5	24.3	22.0	23.2	23.4	23.7	-5.1	-3.6	1.8	2.7	0.4	-0.8	-0.8
3	14.5	14.4	15.4	13.1	14.5	14.7	14.4	22.5	22.4	23.5	21.0	22.5	22.8	22.5	-1.0	-2.2	1.1	4.3	0.2	-1.4	0.2
4	14.5	14.8	15.4	13.9	15.4	15.8	15.0	22.6	23.0	23.4	21.7	23.4	23.8	23.0	-2.0	-4.1	2.0	4.9	1.8	0.0	0.4
5	15.4	15.2	14.9	11.4	10.5	9.0	12.7	23.5	23.3	22.9	19.3	18.3	17.0	20.7	0.3	0.6	5.1	5.7	3.7	1.2	2.8
6	7.5	7.8	8.7	7.0	9.1	9.8	8.3	15.4	15.8	16.7	14.9	17.2	17.8	16.3	0.1	0.0	1.8	4.4	-0.1	-0.5	1.0
7	10.2	10.6	12.0	10.4	11.8	12.0	11.2	18.3	18.7	20.1	18.3	19.9	20.1	19.2	-1.6	-2.6	1.0	0.8	-0.4	-0.6	-0.6
8	12.8	14.0	18.0	17.5	19.5	18.4	16.7	21.0	22.0	26.0	25.5	27.7	26.7	24.8	-1.3	-0.7	1.2	3.8	0.5	-2.0	0.3
9	18.2	17.8	18.1	15.5	16.3	15.4	16.9	26.4	26.1	26.3	23.4	24.3	23.4	25.0	-2.6	-4.6	0.7	7.9	3.1	3.2	1.3
10	14.4	15.5	15.9	12.6	11.7	8.3	13.1	22.3	23.5	23.8	20.4	19.5	16.3	21.0	2.4	1.8	6.1	9.5	5.0	4.6	4.9
11	2.1	995.7	989.8	989.0	993.6	999.1	994.9	10.1	3.4	997.5	996.6	1.4	7.0	2.7	2.3	4.5	9.1	10.8	4.7	2.4	5.6
12	999.0	2.6	4.2	3.1	3.9	3.9	2.8	7.0	10.5	12.1	11.1	11.9	12.0	10.8	3.1	2.3	2.3	1.6	-0.8	-3.0	0.9
13	4.8	5.2	7.3	6.0	7.4	8.8	6.6	13.0	13.4	15.4	14.1	15.7	17.1	14.8	-4.9	-6.3	-5.0	-4.0	-5.7	-8.4	-5.7
14	10.0	10.1	11.0	8.0	5.2	1.4	7.6	18.1	18.2	19.2	16.0	13.3	9.4	15.7	-7.6	-5.4	-2.8	0.8	-2.8	-0.8	-3.1
15	1.2	1.6	1.5	0.4	1.2	1.3	1.2	9.3	9.7	9.5	8.4	9.3	9.5	9.3	-2.2	-3.3	1.2	0.4	-3.9	-6.8	-2.4
16	1.7	1.7	2.6	0.8	4.1	5.7	2.8	9.9	9.8	10.8	8.8	12.3	13.9	10.9	-5.8	-4.5	-4.6	-3.4	-4.8	-5.2	-4.7
17	6.2	7.2	9.0	7.5	7.8	8.2	7.7	14.5	15.5	17.0	15.5	16.0	16.6	15.9	-5.7	-7.2	-0.8	0.3	-4.6	-9.6	-4.6
18	5.2	3.3	2.5	998.7	998.9	998.1	1.1	13.5	11.3	10.5	6.6	6.8	6.1	9.1	-9.0	-2.2	-0.5	2.6	2.2	0.5	-1.1
19	999.1	998.4	997.3	994.7	993.8	996.3	996.6	7.0	6.4	5.2	2.6	1.8	4.3	4.6	0.0	-1.5	1.2	1.8	-0.2	-0.8	0.1
20	997.5	0.3	3.0	2.8	1.5	999.2	0.7	5.5	8.4	10.9	10.8	9.5	7.2	8.7	-1.6	-3.2	-0.1	-0.3	-0.8	0.1	-1.0
21	995.9	992.9	995.5	995.3	0.4	3.3	997.2	3.8	0.8	3.4	3.1	8.4	11.3	5.1	-0.7	0.1	1.9	1.9	0.0	-3.1	0.0
22	4.3	5.4	7.5	5.9	7.3	7.1	6.3	12.4	13.5	15.6	13.9	15.3	15.2	14.3	-1.5	-2.6	0.4	1.2	-0.6	-2.0	-0.9
23	5.8	5.5	6.1	3.8	3.5	3.9	4.8	14.0	13.7	14.2	11.8	11.4	12.0	12.9	-3.0	-6.6	-0.8	2.1	0.4	-1.5	-1.6
24	2.8	3.1	3.7	3.1	5.2	6.5	4.1	10.9	11.3	11.7	11.0	13.3	14.6	12.1	-2.3	-4.6	-1.6	2.7	-1.3	-4.5	-1.9
25	5.5	6.5	6.8	5.0	5.5	5.0	5.7	13.6	14.7	14.7	13.0	13.6	13.0	13.8	-3.7	-4.0	1.6	1.8	-1.0	-1.8	-1.2
26	2.5	0.9	998.2	994.9	996.7	999.1	998.7	10.6	9.1	6.4	2.8	4.7	7.2	6.8	-2.5	-4.3	-3.4	-1.2	-2.4	-3.4	-2.9
27	1.0	2.7	6.4	6.7	8.5	9.2	5.8	9.1	10.9	14.5	14.7	16.6	17.3	13.9	-4.2	-5.4	-2.5	-1.4	-2.8	-4.5	-3.5
28	9.0	10.5	13.1	13.8	15.4	16.0	13.0	17.1	18.7	21.2	21.9	23.6	24.3	21.1	-4.2	-4.0	-1.4	-0.7	-2.0	-7.0	-3.2
Mean	6.8	6.9	7.7	6.1	7.1	7.4	7.0	14.9	15.0	15.7	14.0	15.2	15.5	15.1	-2.5	-2.9	0.5	2.2	-0.5	-2.2	-0.9

Day	DIRECTION AND VELOCITY (m.p.s.) OF THE WIND													Duration of Sunshine in hours	Total Solar and Sky Radiation (Cal./cm ²)		
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean 24 ^h	Maximum									
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.									
1	NNW	1.1	—	0.0	NNW	4.0	NNW	6.1	NNW	3.2	WNW	0.7	2.7	N	8.7	8.8	369
2	—	0.0	SE	0.7	N	4.2	NW	6.9	NW	4.4	NW	1.3	3.0	NW	9.1	5.5	345
3	NNW	1.7	N	1.7	W	0.9	W	1.5	W	3.6	SSW	2.4	1.9	W	4.6	2.7	267
4	—	0.0	W	0.4	WSW	0.4	WNW	2.4	WSW	0.7	S	1.3	1.1	WNW	3.6	5.2	306
5	E	2.0	SSE	1.5	SE	2.0	N	3.6	NE	2.8	NW	1.1	1.8	NNW	4.2	6.0	313
6	E	0.9	—	0.2	SW	2.4	NW	6.1	NW	1.3	SW	2.0	1.8	NNW	7.8	3.5	286
7	SW	1.3	—	0.0	WSW	1.7	W	1.1	W	6.9	S	2.6	1.9	W	6.9	0.9	209
8	ESE	1.3	ESE	2.0	NW	6.7	NNW	6.3	NNW	2.0	W	2.4	3.8	NW	8.7	6.2	338
9	—	0.0	—	0.0	WNW	1.5	NW	3.0	N	1.3	S	4.2	1.8	S	5.5	8.3	378
10	NNE	0.9	WSW	1.1	SSE	2.6	W	1.3	WNW	1.3	SE	2.4	1.7	SSE	4.6	0.5	193
11	SSW	0.7	S	2.4	SSW	5.4	WSW	13.2	W	12.5	W	9.6	8.0	WSW	16.9	3.9	243
12	WNW	14.2	NW	5.4	N	5.9	NW	6.9	NNW	6.3	NNW	6.1	6.7	WNW	15.3	1.6	198
13	WNW	8.2	—	0.0	NW	4.4	WNW	6.9	NW	3.6	—	0.0	4.4	WNW	11.0	4.6	313
14	SE	0.4	ENE	1.1	ESE	0.7	WNW	0.4	S	3.4	SSE	5.2	2.3	S	7.4	4.4	308
15	WNW	1.1	N	3.6	W	0.9	WNW	6.3	N	0.4	S	0.9	2.4	NNW	7.4	8.4	394
16	SW	1.1	W	3.8	NNE	2.6	NNW	1.3	NNE	1.1	NW	3.0	2.6	W	9.4	0.1	126
17	—	0.0	SSE	1.3	SE	1.3	ENE	1.3	NE	0.4	—	0.0	1.1	WSW	4.8	6.8	405
18	—	0.0	S	3.6	NNW	2.2	NW	4.2	WNW	0.9	WNW	1.7	2.4	SSE	5.9	1.4	302
19	NE	0.4	E	1.1	NNW	1.7	S	2.2	SSE	5.2	SW	1.5	2.7	SSE	9.1	0.9	217
20	WNW	0.7	NNE	1.5	WNW	0.7	NW	4.6	ESE	1.7	SSE	6.1	2.4	SSE	7.8	3.2	330
21	S	3.6	SSE	5.9	W	14.0	W	12.2	NNW	4.4	ENE	1.3	7.2	W	19.4	7.6	397
22	N	2.6	N	4.8	N	3.0	ENE	0.7	NNW	1.1	WNW	1.7	2.7	N	4.8	1.3	277
23	NNW	1.3	WNW	1.5	W	1.5	N	4.4	NNE	1.3	NE	1.3	1.9	N	4.6	4.0	390
24	NE	0.9	WNW	0.7	WNW	1.1	WNW	6.1	NE	1.3	WSW	0.4	2.3	W	9.3	4.9	397
25	WNW	3.2	W	2.8	WNW	5.0	NW	5.7	NW	3.0	N	3.4	3.7	W	3.6	8.9	476
26	NE	1.7	—	0.0	NNW	2.2	ESE	0.4	NNE	5.2	NNW	3.6	2.0	NW	6.9	0.1	153
27	ESE	1.7	W	9.1	W	3.2	NNW	4.4	N	4.8	SSW	0.7	4.1	W	12.5	4.9	350
28	ESE	1.3	ENE	0.7	NNW	6.5	WNW	5.0	W	2.2	E	2.2	3.3	NNW	10.0	3.1	407
Mean	1.9	2.0	3.2	4.4	3.1	2.5	3.0	117.7	8687								

FEBRUARY, 1962.



International
Seismological
Centre

Day	AIR TEMPERATURE °C			VAPOUR PRESSURE (mb)							RELATIVE HUMIDITY (%)							AMOUNT OF CLOUD (0-10)			
	Max.	Min.	Range	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	6 ^h	14 ^h	22 ^h	Mean
1	1.9	- 8.4	10.3	3.7	3.0	4.3	4.3	3.4	3.5	3.7	83	88	73	61	68	82	76	0	1	1	0.7
2	3.4	- 6.3	7.7	3.7	4.1	4.7	5.0	4.5	4.7	4.5	89	88	67	67	72	81	77	10	7	10	9.0
3	5.9	- 2.8	8.7	4.4	4.1	4.7	4.2	4.5	4.6	4.4	77	79	71	51	73	84	73	6	8	10	8.0
4	5.5	- 4.3	9.8	4.8	4.2	5.4	5.6	6.0	5.5	5.3	90	94	77	64	87	89	84	3	10	10	7.7
5	6.7	- 0.8	7.5	5.1	4.9	5.3	5.1	5.6	6.1	5.4	82	77	61	55	70	92	73	10	3	10	7.7
6	4.9	- 1.4	6.3	5.9	6.0	6.5	4.5	5.4	5.3	5.6	98	98	93	54	89	90	87	10	5	10	8.3
7	2.5	- 3.2	5.7	5.1	4.7	5.4	5.6	4.6	5.6	5.2	95	93	83	86	78	96	89	8	10	10	9.3
8	4.3	- 2.5	6.8	5.3	5.2	4.9	4.7	4.5	4.5	4.9	95	90	73	58	70	85	79	10	4	10	8.0
9	8.7	- 5.2	13.9	4.6	4.1	5.0	5.5	5.4	5.6	5.0	92	94	77	52	70	72	76	0	0	10	3.3
10	9.7	1.6	8.1	5.9	6.5	7.6	6.2	7.5	7.5	6.9	81	93	81	52	86	88	80	10	8	10	9.3
11	16.6	1.7	14.9	6.9	7.9	8.6	8.8	6.8	6.6	7.6	95	94	75	68	80	90	84	10	10	7	9.0
12	3.6	- 3.6	7.2	5.6	4.8	4.8	4.4	3.9	4.4	4.7	74	67	67	64	67	89	71	9	10	10	9.7
13	-3.5	- 8.9	5.4	3.7	3.6	3.2	3.0	3.0	2.7	3.2	87	94	76	65	74	82	80	10	4	7	7.0
14	1.7	- 8.0	9.7	3.0	3.9	4.3	3.8	3.8	4.3	3.9	88	95	86	59	76	74	80	10	7	10	3.0
15	1.7	- 7.7	9.4	4.9	4.2	4.0	3.6	3.3	3.1	3.9	94	87	60	57	72	84	76	8	3	0	3.7
16	-1.6	- 7.7	6.1	3.5	4.1	3.8	4.3	3.9	3.7	3.9	87	93	87	91	91	88	90	10	10	10	10.0
17	2.3	-10.4	12.7	3.7	3.3	4.1	3.8	3.3	2.7	3.5	92	93	70	62	76	91	81	5	9	9	7.7
18	4.1	- 9.5	13.6	2.8	4.2	4.7	5.3	6.0	6.2	4.9	92	80	80	72	84	98	84	10	10	10	10.0
19	2.8	- 1.9	4.7	5.7	5.3	5.9	6.4	5.9	5.5	5.8	93	97	88	92	98	96	94	10	10	10	10.0
20	2.6	- 7.0	9.6	5.4	4.6	5.4	5.9	4.2	4.4	5.0	99	95	89	98	72	72	88	7	10	10	9.0
21	2.6	- 3.5	6.1	5.6	5.9	4.9	4.2	4.8	4.0	4.9	96	96	69	60	79	83	81	10	3	6	6.3
22	1.9	- 3.9	5.8	4.0	3.8	3.9	3.9	3.8	4.4	4.0	73	74	62	58	64	83	69	2	9	10	7.0
23	2.7	- 6.9	9.6	4.4	3.3	4.4	4.6	4.5	5.3	4.4	89	89	76	65	72	97	81	6	10	10	8.7
24	3.4	- 5.7	9.1	4.9	4.2	4.9	4.3	4.0	3.9	4.4	96	96	91	58	71	89	85	10	2	0	4.0
25	2.6	- 5.8	8.4	4.3	4.0	4.2	3.8	3.6	3.5	3.9	92	88	61	55	63	65	71	0	5	10	5.0
26	-0.1	- 6.1	6.0	3.4	3.3	4.3	5.3	4.7	3.9	4.2	67	75	91	95	92	83	84	10	10	8	9.3
27	-0.1	- 6.7	6.6	4.2	3.2	3.7	3.4	3.4	4.0	3.7	94	77	73	62	68	91	78	3	4	10	5.7
28	-0.4	-10.4	10.0	4.2	4.4	3.6	3.7	3.7	2.9	3.8	94	96	66	64	70	81	79	10	10	0	6.7
Mean	3.4	- 5.2	8.6	4.6	4.5	4.9	4.8	4.6	4.6	4.7	89	89	76	66	76	86	80	7.4	6.9	8.1	7.5

Day	PRECIPI- TATION (mm)	Amount of Evaporation Large Sized (mm)	Depth of Snow Cover (cm)	EARTH TEMPERATURE (°C)										REMARKS
				5 cm							Daily Mean			
				2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	10cm	20cm	30cm	
1	—		4	0.8	0.6	0.6	2.6	1.6	0.8	1.2	1.3	2.1	2.8	☐ ¹ , ☐ ² , ☐ ² , ☒
2	—		3	0.5	0.5	0.5	4.0	2.6	1.3	1.6	1.5	2.1	2.8	☐ ¹ , ☒
3	—		1	0.9	0.8	0.5	3.9	3.3	1.5	1.8	1.8	2.3	2.8	☐ ⁰ , ☐ ¹ , ☒
4	0.0		—	0.9	0.8	0.7	5.9	4.3	2.4	2.5	2.2	2.5	2.9	☐ ¹ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
5	0.0		—	1.7	1.3	2.5	2.4	5.8	4.1	3.0	3.2	3.2	3.3	☐ ⁰ , ☐ ⁰
6	0.4		0	2.5	2.2	3.3	6.8	5.2	3.0	3.8	3.6	3.8	3.8	☐ ⁰ , ☐ ¹ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
7	3.0		—	2.3	1.6	1.7	4.5	3.3	2.3	2.6	2.9	3.4	3.8	☐ ¹ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
8	2.9		7	2.0	1.8	1.8	5.3	4.1	2.1	2.9	2.9	3.3	3.7	☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
9	—		—	1.3	0.9	0.9	6.6	5.4	3.1	3.0	2.8	3.2	3.6	☐ ² , ☐ ¹
10	0.7		—	2.7	2.6	3.5	7.0	6.5	4.8	4.5	4.1	3.9	3.8	☐ ⁰
11	3.7		—	3.8	3.7	5.0	8.4	6.9	4.8	5.4	5.2	4.8	4.5	☐ ¹ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
12	0.1		—	3.8	3.1	3.4	4.5	3.5	2.1	3.4	4.0	4.6	4.7	☐ ¹ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
13	4.9		9	1.6	1.4	1.4	1.8	1.6	1.1	1.5	2.3	3.3	4.1	☐ ¹ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
14	3.1		11	0.9	0.8	0.8	1.5	2.3	1.1	1.2	1.7	2.7	3.6	☐ ¹ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
15	0.6		4	0.9	0.8	0.8	4.9	3.2	1.3	2.0	2.0	2.5	3.3	☐ ¹ , ☐ ¹ , ☐ ⁰ , ☐ ⁰
16	12.3		11	0.8	0.7	0.6	0.5	0.5	0.5	0.6	1.2	2.2	3.2	☐ ¹ , ☐ ² , ☐ ⁰ , ☐ ⁰
17	2.3		24	0.5	0.5	0.5	1.0	0.8	0.5	0.6	1.0	1.9	2.9	☐ ² , ☐ ² , ☐ ⁰ , ☐ ⁰
18	0.4		15	0.4	0.3	0.4	0.6	1.0	0.7	0.6	1.1	1.8	2.8	☐ ¹ , ☐ ⁰ , ☐ ⁰
19	5.3		7	0.8	0.6	0.9	2.7	2.3	1.5	1.5	1.5	1.9	2.7	☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
20	1.6		10	1.3	1.0	1.0	2.1	1.9	1.1	1.4	1.6	2.1	2.9	☐ ¹ , ☐ ⁰ , ☐ ¹ , ☐ ⁰ , ☐ ⁰
21	7.5		18	0.9	0.9	1.0	1.7	1.8	0.9	1.2	1.4	2.0	2.8	☐ ⁰ , ☐ ¹ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
22	0.0		12	0.7	0.5	0.6	1.0	1.2	0.8	0.8	1.2	2.0	2.8	☐ ¹ , ☐ ⁰ , ☐ ⁰
23	0.4		9	0.8	0.6	0.5	6.6	4.2	2.3	2.5	2.3	2.3	2.8	☐ ¹ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
24	2.0		8	1.5	1.1	1.0	5.0	4.4	1.9	2.5	2.3	2.6	3.0	☐ ¹ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰ , ☐ ¹ , ☐ ⁰
25	0.0		7	1.0	0.8	0.8	5.9	4.5	2.2	2.5	2.3	2.7	3.0	☐ ² , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
26	7.1		7	1.1	0.9	0.8	0.8	0.8	0.8	0.9	1.4	2.3	2.9	☐ ¹ , ☐ ¹ , ☐ ¹ , ☐ ⁰ , ☐ ⁰
27	2.3		20	0.6	0.6	0.4	0.5	1.3	0.6	0.7	1.0	1.8	2.6	☐ ¹ , ☐ ¹ , ☐ ⁰ , ☐ ⁰
28	3.8		20	0.5	0.5	0.5	2.5	1.3	0.6	1.0	1.0	1.6	2.5	☐ ¹ , ☐ ⁰ , ☐ ⁰ , ☐ ⁰
Mean	64.4			1.3	1.1	1.3	3.6	3.1	1.8	2.0	2.2	2.7	3.2	

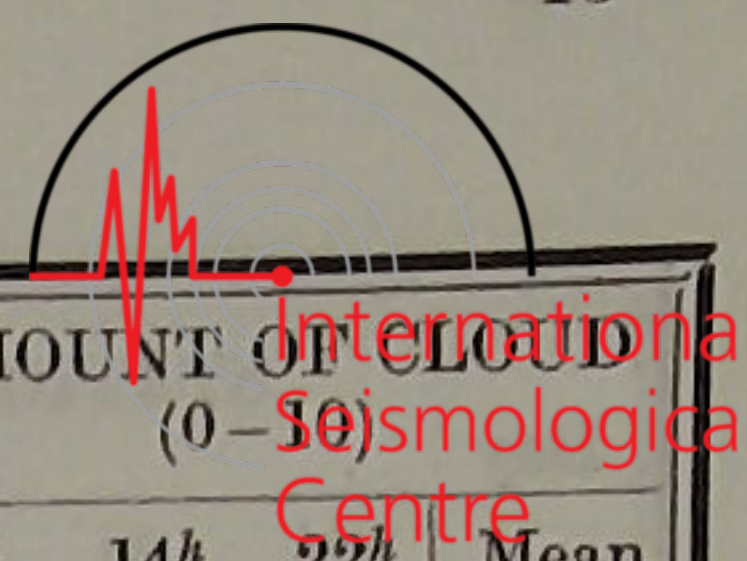
MARCH, 1962.



International Seismological Centre

Main meteorological observation table with columns for Station Pressure, M.S.L. Pressure, and Air Temperature for each day of the month. Includes a sub-table for Wind Direction and Velocity, and Sunshine/Duration data.

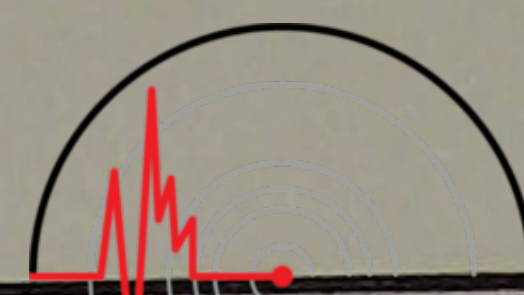
JUNE, 1962.



Day	AIR TEMPERATURE °C			VAPOUR PRESSURE (mb)							RELATIVE HUMIDITY (%)							AMOUNT OF CLOUD (0-10)			
	Max.	Min.	Range	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	6 ^h	14 ^h	22 ^h	Mean
1	22.4	11.1	11.3	12.3	12.6	13.7	16.3	16.2	16.9	14.7	90	85	68	63	69	94	78	10	10	4	8.0
2	27.6	15.0	12.6	16.9	17.0	19.1	18.8	19.3	18.8	18.3	96	97	87	51	83	89	84	10	10	10	10.0
3	20.3	16.4	3.9	18.7	18.8	19.5	16.3	18.1	18.4	18.3	94	93	93	70	91	97	90	10	10	10	10.0
4	17.6	15.8	1.8	17.7	17.5	18.4	18.6	18.7	18.2	18.2	97	96	92	94	95	97	95	10	10	10	10.0
5	21.8	13.6	8.2	18.0	18.8	16.3	16.5	16.1	15.4	16.9	97	95	71	70	72	87	82	6	9	4	6.3
6	23.1	11.8	11.3	13.9	15.0	15.4	14.1	11.1	11.3	13.5	91	84	65	57	52	66	69	9	9	10	9.3
7	20.8	9.6	11.2	12.0	12.3	12.8	13.3	12.7	14.2	12.9	90	92	61	60	66	92	77	10	10	10	10.0
8	23.2	12.1	11.1	13.4	14.6	15.7	18.2	19.6	18.2	16.6	93	96	84	74	82	92	87	10	5	4	6.3
9	19.0	16.0	3.0	17.7	18.4	19.5	20.6	18.2	18.3	18.8	95	96	96	94	94	97	95	10	10	10	10.0
10	18.4	15.6	2.8	17.7	17.7	18.0	19.7	20.0	19.4	18.8	97	98	93	94	96	97	96	10	10	10	10.0
11	18.7	16.6	2.1	18.9	19.1	20.3	20.2	18.6	18.1	19.2	97	98	97	95	92	95	96	10	10	10	10.0
12	23.9	14.1	9.8	16.5	17.6	16.4	18.5	20.0	17.0	17.7	96	98	62	64	81	89	82	10	10	10	10.0
13	18.9	14.5	4.4	15.7	17.0	18.8	19.4	19.0	18.8	18.1	95	96	91	93	96	97	95	10	10	10	10.0
14	24.9	16.8	8.1	18.8	19.4	21.1	20.4	20.0	19.6	19.9	97	97	75	69	78	89	84	10	9	9	9.3
15	24.6	15.8	8.8	18.8	17.7	15.0	16.1	13.3	12.3	15.5	95	88	49	58	65	66	70	8	10	0	6.0
16	24.7	14.0	10.7	13.0	12.9	13.9	14.9	12.7	10.0	12.9	71	65	54	51	49	49	57	1	0	0	0.3
17	24.7	11.4	13.3	11.3	12.1	14.7	12.3	13.6	11.5	12.6	81	79	62	41	56	66	64	10	10	4	8.0
18	24.5	11.3	13.2	13.4	13.4	16.7	19.9	17.6	12.7	15.6	91	87	64	68	91	70	79	10	10	8	9.3
19	19.7	11.5	8.2	12.9	12.7	12.3	13.3	12.0	11.0	12.4	86	68	60	68	68	69	70	6	10	1	5.7
20	24.0	11.6	12.4	11.7	11.1	13.5	14.1	12.0	12.4	12.5	80	70	54	47	51	77	63	0	1	0	0.3
21	26.2	9.0	17.2	12.2	12.4	15.1	16.3	18.3	19.5	15.6	95	89	61	51	66	88	75	10	10	10	10.0
22	25.3	16.9	8.4	19.5	19.3	20.0	17.4	16.5	17.1	18.3	94	92	81	55	71	85	80	10	10	10	10.0
23	21.2	14.8	6.4	17.5	16.4	17.3	15.9	17.8	17.9	17.1	94	94	76	65	84	96	85	10	10	10	10.0
24	23.8	11.5	12.3	17.9	17.3	17.9	13.6	11.7	12.3	15.1	99	94	69	52	54	82	75	10	0	0	3.3
25	21.7	9.0	12.7	11.3	12.4	13.0	15.7	15.2	14.9	13.8	92	86	59	67	82	87	79	0	9	10	6.3
26	18.8	13.6	5.2	15.8	15.9	16.1	17.1	16.6	14.8	16.1	94	95	82	82	93	95	90	10	10	10	10.0
27	20.3	12.9	7.4	14.4	14.8	16.1	18.0	17.7	17.2	16.4	96	93	89	80	93	95	91	10	10	10	10.0
28	23.2	12.6	10.6	17.2	16.2	14.8	14.8	15.3	14.2	15.4	96	85	64	53	70	84	75	5	8	0	4.3
29	23.7	10.6	13.1	12.7	13.9	14.5	15.3	15.7	14.0	14.4	90	86	58	52	71	86	74	0	10	0	3.3
30	25.7	10.2	15.5	12.0	13.9	14.2	20.1	18.5	19.2	16.3	90	90	54	62	70	95	77	0	4	8	4.0
Mean	22.4	13.2	9.2	15.3	15.6	16.3	16.8	16.4	15.8	16.1	92	89	73	67	76	86	80	7.8	8.5	6.7	7.7

Day	PRECIPITATION (mm)	Amount of Evaporation Large Sized (mm)	Depth of Snow Cover (cm)	EARTH TEMPERATURE (°C)										REMARKS
				5cm							Daily Mean			
				2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	10cm	20cm	30cm	
1	-	3.0		16.4	15.9	18.2	23.9	22.2	19.1	19.3	18.9	18.3	17.1	Δ ⁰ , ⊕ ⁰
2	-	(2.5)		17.9	17.6	20.0	25.9	23.1	20.6	20.9	20.1	18.9	17.5	≡ ⁰ , ∞ ⁰
3	4.8	(0.0)		19.4	19.0	19.4	20.5	19.5	18.7	19.4	19.5	19.0	17.8	⊙ ⁰ , ♁ ⁰
4	9.9	(0.0)		18.0	17.8	18.4	18.6	18.6	17.9	18.2	18.3	18.0	17.3	♀ ⁰ , ⊙ ⁰
5	3.0	4.5		17.5	17.1	21.2	25.4	22.6	19.4	20.5	19.4	18.3	17.2	⊙ ⁰
6	-	3.9		17.0	16.0	20.6	22.9	20.6	17.8	19.2	19.0	18.5	17.6	-
7	0.9	(2.6)		16.0	14.9	18.9	21.3	19.0	17.4	17.9	18.0	17.8	17.3	⊙ ⁰
8	5.6	(2.2)		16.4	15.9	17.6	23.2	22.9	20.0	19.3	18.7	17.8	17.1	⊙ ⁰ , ♁ ⁰
9	11.1	(0.0)		18.6	18.4	18.7	19.8	19.2	18.3	18.8	18.9	18.4	17.5	Δ ¹ , ⊙ ¹
10	24.8	(0.0)		17.7	17.3	18.1	19.3	19.4	18.6	18.4	18.3	17.9	17.4	⊙ ⁰
11	17.1	(1.4)		18.0	17.6	18.4	19.0	18.6	17.9	18.3	18.2	17.9	17.4	⊙ ⁰
12	-	(2.8)		17.0	16.4	20.8	23.7	22.5	19.6	20.0	19.1	18.2	17.4	≡ ¹ , ⊕ ⁰
13	13.5	(0.0)		17.9	17.5	18.7	19.7	19.3	18.6	18.6	18.8	18.4	17.7	Δ ¹ , ⊙ ¹
14	1.0	3.0		18.1	18.1	21.8	24.4	22.9	21.0	21.1	20.0	18.8	17.8	⊙ ⁰
15	-	6.1		19.5	18.8	22.8	26.9	24.0	20.2	22.0	21.1	19.8	18.5	♁
16	-	6.2		18.1	17.1	21.7	26.0	23.8	19.7	21.1	20.6	19.8	18.8	-
17	-	4.8		17.4	16.4	20.3	25.6	23.5	19.4	20.4	20.1	19.5	18.6	Δ ⁰ , ⊕ ¹
18	8.2	(2.4)		17.4	16.8	20.8	23.1	20.0	18.5	19.4	19.6	19.3	18.6	⊕ ¹ , ⊕ ⁰ , ⊙ ¹ , ♁
19	0.2	(3.7)		16.5	16.1	19.6	21.8	20.3	17.5	18.6	18.7	18.6	18.2	Δ ⁰ , ⊙ ⁰ , ♁
20	-	4.7		15.6	14.9	19.8	25.1	23.2	18.9	19.6	19.0	18.4	18.0	♁
21	-	2.9		16.4	15.5	20.1	24.4	23.2	21.0	20.1	19.6	19.0	18.2	Δ ⁰
22	0.0	(3.0)		19.9	19.2	20.7	25.1	22.5	20.5	21.3	20.8	20.0	18.8	⊙ ⁰
23	8.8	(0.6)		19.5	18.6	21.4	23.0	21.6	19.8	20.7	20.4	19.9	18.9	⊙ ⁰
24	6.5	5.0		18.9	18.4	21.2	26.9	24.1	19.9	21.6	20.7	19.8	18.8	⊙ ⁰
25	0.0	(2.5)		17.2	15.8	20.9	24.6	21.6	19.6	20.0	20.0	19.6	18.8	Δ ⁰ , ⊙ ⁰
26	6.5	(0.3)		18.8	18.0	19.1	21.6	19.8	18.3	19.3	19.5	19.4	18.7	⊙ ⁰
27	6.8	(1.0)		17.0	16.6	17.9	21.0	20.0	18.7	18.5	18.5	18.5	18.3	⊙ ¹
28	-	4.0		18.2	17.9	20.5	25.4	23.4	19.9	20.9	19.9	19.1	18.3	-
29	-	3.3		17.5	17.6	20.8	25.1	22.5	19.6	20.5	19.9	19.3	18.6	Δ ⁰
30	-	3.9		17.4	15.9	21.0	25.8	24.4	21.4	21.0	20.3	19.6	18.8	Δ ⁰
Mean	128.7	80.3		17.7	17.1	20.0	23.3	21.6	19.2	19.8	19.5	18.9	18.0	

JULY, 1962.

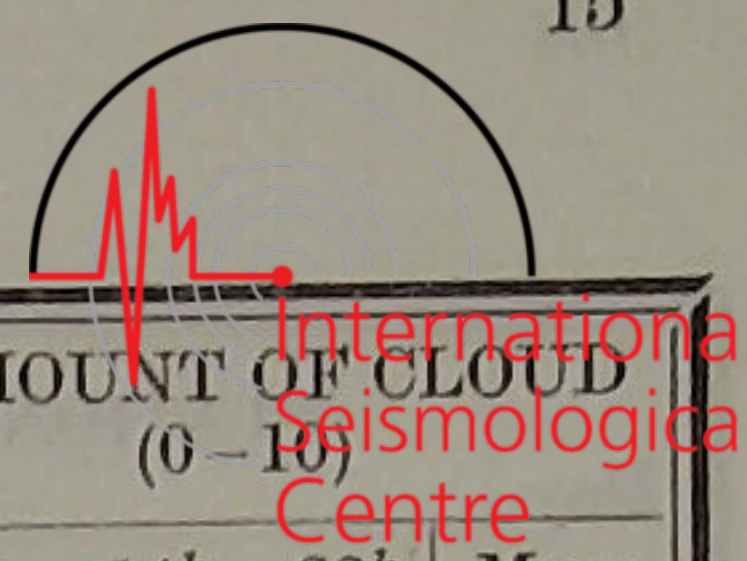


International
Seismological
Centre

Day	STATION PRESSURE (1000 mb+)							M.S.L. PRESSURE (1000 mb+)							AIR TEMPERATURE °C						
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean
1	3.9	4.9	4.3	3.6	3.3	5.4	4.2	11.4	12.4	11.6	10.8	10.5	12.9	11.6	17.6	16.9	22.6	27.4	25.4	17.1	21.2
2	5.7	6.6	5.7	3.8	2.6	1.6	4.3	13.3	14.2	12.9	11.0	10.0	8.8	11.7	14.3	15.7	25.2	26.1	23.3	20.7	20.9
3	999.8	1.8	2.5	1.5	2.3	3.9	2.0	7.2	9.2	9.8	8.6	9.6	11.3	9.3	20.0	19.1	23.4	28.3	25.0	19.8	22.6
4	3.8	4.6	2.6	0.0	999.2	0.0	1.7	11.4	12.0	9.8	7.2	6.5	7.4	9.1	16.3	18.2	26.7	27.8	24.5	20.4	22.3
5	998.7	999.3	998.1	998.1	999.0	999.9	998.9	6.2	6.7	5.3	5.4	6.3	7.4	6.2	18.2	18.4	25.9	23.6	21.0	18.8	21.0
6	999.1	0.1	1.5	1.7	2.9	4.9	1.7	6.6	7.6	8.9	9.1	10.5	12.4	9.2	17.8	18.2	17.8	17.8	15.4	14.5	16.9
7	5.4	6.7	7.7	7.8	8.6	10.1	7.7	13.0	14.3	15.3	15.4	16.2	17.6	15.3	14.1	14.1	16.3	16.9	14.7	14.1	15.0
8	9.8	11.0	11.5	11.3	11.9	13.1	11.4	17.3	18.7	19.1	18.8	19.5	20.7	19.0	13.5	14.3	15.5	16.7	16.5	14.9	15.2
9	11.5	11.9	12.5	12.9	13.5	14.7	12.8	19.1	19.5	20.0	20.4	21.0	22.2	20.4	14.7	14.9	17.3	19.3	19.2	18.7	17.4
10	14.2	15.4	15.8	14.9	14.2	14.1	14.8	21.6	22.9	23.3	22.3	21.6	21.6	22.2	18.7	19.5	21.2	21.0	19.8	19.4	19.9
11	11.9	11.4	10.2	7.1	3.8	2.9	7.9	19.5	19.0	17.5	14.5	11.1	10.3	15.3	18.8	19.6	21.4	22.1	20.5	20.3	20.5
12	1.4	1.2	999.4	998.1	997.7	998.2	999.3	8.7	8.5	6.7	5.2	4.8	5.5	6.6	20.3	20.4	25.4	27.7	26.9	22.8	23.9
13	997.8	999.4	0.0	998.5	999.1	1.1	999.3	5.1	6.7	7.3	5.7	6.5	8.5	6.6	21.9	22.0	25.5	27.7	24.4	21.5	23.8
14	0.6	1.7	1.2	999.9	0.8	2.7	1.2	8.0	9.0	8.4	7.1	8.1	10.1	8.5	21.2	22.0	24.8	27.0	23.2	20.0	23.0
15	2.4	3.2	2.7	0.7	0.9	1.7	1.9	9.8	10.6	10.0	7.9	8.2	9.0	9.3	18.2	18.8	25.4	28.2	24.9	21.3	22.8
16	1.1	1.5	0.7	999.0	999.8	1.4	0.6	8.4	8.8	7.9	6.2	7.1	8.7	7.9	20.8	20.9	26.5	27.1	23.0	22.1	23.4
17	0.4	1.0	1.3	0.0	0.2	1.8	0.8	7.8	8.4	8.5	7.2	7.4	9.2	8.1	21.2	21.2	26.3	26.7	23.8	21.0	23.4
18	0.3	1.2	0.6	999.5	999.7	0.2	0.3	7.7	8.5	7.9	6.7	7.0	7.5	7.6	20.8	21.1	24.7	26.3	23.3	21.3	22.9
19	999.7	999.9	0.0	999.7	999.5	999.4	999.7	7.0	7.3	7.4	7.0	6.8	6.8	7.1	20.6	21.2	24.1	24.0	22.6	20.8	22.2
20	998.7	998.1	998.1	997.1	996.5	996.2	997.5	6.2	5.4	5.4	4.3	3.8	3.5	4.8	20.4	20.8	22.0	23.5	23.1	21.9	22.0
21	994.6	995.4	996.2	995.4	996.8	998.2	996.1	1.9	2.7	3.4	2.6	4.0	5.5	3.4	21.4	22.0	26.9	27.5	26.0	24.5	24.7
22	999.3	1.1	2.0	1.3	2.6	4.9	1.9	6.6	8.4	9.1	8.3	9.8	12.2	9.1	23.9	23.5	29.5	32.0	29.7	24.5	27.2
23	5.9	7.3	7.8	7.0	7.8	9.7	7.6	13.2	14.6	15.0	14.1	15.1	17.0	14.8	23.2	23.4	27.4	30.2	25.6	22.4	25.4
24	9.1	9.5	8.8	7.1	6.2	6.5	7.9	16.5	16.8	16.1	14.4	13.4	13.8	15.2	21.5	21.9	24.5	27.1	26.3	23.3	24.1
25	5.5	5.5	5.3	3.3	3.3	5.4	4.7	12.8	12.7	12.4	10.4	10.5	12.7	11.9	22.7	23.4	29.2	33.5	27.1	23.1	26.5
26	4.4	5.4	4.7	3.3	3.3	4.3	4.2	11.8	12.7	11.9	10.5	10.6	11.7	11.5	20.6	21.1	27.0	28.6	24.5	22.2	24.0
27	3.0	2.5	1.7	999.6	998.1	998.3	0.5	10.4	9.8	8.9	6.8	5.3	5.6	7.8	21.6	21.8	25.0	26.7	26.1	24.7	24.3
28	996.5	996.7	995.9	994.1	995.5	997.3	996.0	3.8	2.7	3.0	1.2	2.6	4.4	3.0	24.1	23.1	27.5	31.4	25.8	23.9	26.0
29	997.5	999.1	999.4	998.9	999.4	1.2	999.3	4.7	6.5	6.6	6.0	6.6	8.4	6.5	22.3	23.3	30.1	31.6	28.6	24.2	26.7
30	1.1	2.6	2.6	2.2	3.1	4.3	2.7	8.4	10.0	9.8	9.3	10.3	11.7	9.9	22.1	22.7	30.6	31.6	28.4	24.5	26.7
31	4.9	5.3	5.0	3.7	4.0	5.6	4.8	12.3	12.5	12.1	10.7	11.1	12.8	11.9	22.4	24.0	31.5	32.8	30.2	25.1	27.5
Mean	2.8	3.6	3.4	2.3	2.4	3.5	3.0	10.2	10.9	10.7	9.5	9.7	10.9	10.3	19.8	20.2	24.7	26.4	23.8	21.1	22.7

Day	DIRECTION AND VELOCITY (m.p.s.) OF THE WIND													Duration of Sunshine in hours	Total Solar and Sky Radiation (cal./cm ²)		
	2 ^h		6 ^h		10 ^h		14 ^h		18 ^h		22 ^h		Mean 24 ^h			Maximum	
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.			Vel.	
1	SSW	0.4	NNW	0.4	W	1.5	SSW	5.4	W	6.3	E	1.7	2.3	S	6.7	7.5	514
2	—	0.0	N	0.4	W	1.3	SSW	2.2	SSE	2.6	WSW	1.3	1.8	SSE	5.2	6.2	457
3	NNW	0.9	SW	0.4	ESE	2.0	SSE	4.8	NNW	4.2	N	2.6	2.3	NNW	6.7	9.0	532
4	WNW	1.3	SSW	0.4	E	1.1	SSE	3.0	SSE	4.4	SSW	1.1	2.3	SSE	6.3	9.7	579
5	—	0.2	NNW	2.6	WNW	1.3	SSW	6.1	S	4.2	S	3.4	3.0	SSW	6.5	2.8	378
6	SW	2.0	WSW	0.7	ENE	1.3	S	2.0	SSW	3.2	SSW	2.2	2.2	S	4.4	—	166
7	SW	2.0	SW	3.0	S	2.8	S	4.2	SSW	3.8	SSW	2.8	3.1	S	5.7	—	188
8	SSW	1.5	SW	1.5	S	2.6	SSE	5.2	SSE	4.2	SSW	2.4	3.4	S	6.7	—	192
9	—	0.0	—	0.2	ESE	0.4	SSW	1.3	SSE	2.8	S	4.2	1.8	SSE	5.0	—	126
10	SSE	1.7	SSE	2.8	S	4.8	SSW	6.3	SSE	4.8	SSE	3.6	4.6	S	8.0	—	210
11	SSW	3.8	S	6.3	S	6.5	S	7.1	S	8.2	S	6.1	6.7	S	9.8	—	177
12	S	7.8	SSW	2.8	SSW	3.4	SSE	6.5	WNW	2.0	S	3.2	4.4	S	8.9	4.6	494
13	SSW	2.6	SSE	1.3	E	2.0	NNE	2.4	S	5.7	S	2.4	3.1	S	7.1	3.8	428
14	—	0.0	—	0.2	—	0.2	NNE	1.1	SW	5.0	SSE	5.5	2.2	SSE	6.9	1.0	325
15	SSW	2.2	—	0.2	SSW	2.0	SSW	4.8	S	3.0	S	1.3	2.7	SSW	6.1	8.0	550
16	S	1.7	N	2.0	NW	2.0	SW	3.0	S	3.6	SSW	1.3	2.2	SSE	6.1	4.6	480
17	SW	1.5	WNW	1.1	SSE	3.0	S	5.5	S	4.6	SE	3.4	3.1	S	6.9	7.0	544
18	SSW	1.7	SW	0.4	SSW	3.2	SSE	6.3	SSW	4.4	SSW	2.0	3.1	SSE	7.4	1.9	420
19	SW	1.3	WSW	1.1	WSW	2.6	S	4.0	S	4.4	S	2.8	2.9	S	6.1	—	260
20	S	2.6	SSE	2.8	S	3.4	SSE	3.4	S	1.5	S	2.8	2.9	S	5.7	—	179
21	S	1.5	S	2.4	SW	3.6	S	5.2	SSW	1.7	SSW	1.5	2.9	SSW	5.5	2.3	389
22	—	0.0	—	0.2	N	0.9	NNW	1.3	N	2.8	SSE	2.2	1.5	NNW	3.6	8.8	613
23	SSE	1.3	—	0.0	SSW	2.0	S	5.0	S	6.1	S	4.2	3.4	S	8.2	7.5	570
24	S	4.2	SSW	1.5	SSE	2.6	SSW	2.8	SSE	2.6	SSE	4.0	3.0	S	5.0	4.1	379
25	SSE	2.6	NW	0.7	N	3.2	SW	2.0	SSE	5.5	SSW	3.4	2.7	S	7.1	10.3	655
26	SE	0.4	—	0.0	SSE	4.2	SSW	5.0	S	5.2	SSW	2.8	3.3	S	6.9	8.1	535
27	S	0.9	S	0.7	SSE	2.6	S	5.9	SSW	2.4	NNW	0.9	1.8	S	5.9	—	321
28	E	0.4	S	3.2	S	4.2	S	3.6	S	3.2	S	2.8	2.4	SSW	5.9	4.4	430
29	—	0.2	—	0.0	N	4.2	NW	4.2	NNE	0.4	SW	2.6	2.5	NNW	6.7	9.4	583
30	N	1.7	WNW	0.9	NE	2.6	NNW	3.4	NNW	2.2	NW	0.9	2.0	NNW	5.7	6.4	500
31	WNW	1.1	—	0.0	WNW	2.0	N	3.8	N	2.8	S	0.9	1.8	N	4.6	9.6	559
Mean	1.6	1.3	2.6	4.1	3.8	2.7	2.8	137.0	12733								

JULY, 1962.



Day	AIR TEMPERATURE C°			VAPOUR PRESSURE (mb)							RELATIVE HUMIDITY (%)							AMOUNT OF CLOUD (0-10)			
	Max.	Min.	Range	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	6 ^h	14 ^h	22 ^h	Mean
1	28.0	15.7	12.3	19.7	18.7	20.4	24.2	15.9	17.1	19.3	98	97	74	66	49	88	79	10	10	0	6.7
2	27.3	12.8	14.5	15.3	16.4	19.1	22.6	23.3	22.5	19.9	94	92	60	67	82	92	81	10	10	10	10.0
3	28.9	19.0	9.9	23.0	21.1	23.3	25.0	18.4	19.8	21.8	98	95	81	65	58	87	81	10	6	0	5.3
4	28.5	15.1	13.4	18.0	19.3	21.1	21.2	21.7	21.5	20.5	97	93	60	57	71	90	78	7	10	6	7.7
5	27.3	17.5	9.8	20.1	20.8	21.6	22.5	22.1	21.1	21.4	96	98	65	77	89	97	87	10	10	10	10.0
6	19.2	14.2	5.0	19.8	20.1	17.5	17.0	16.4	15.7	17.8	97	96	86	83	94	95	92	10	10	10	10.0
7	17.5	13.6	5.9	15.1	15.4	14.8	14.9	14.7	14.2	14.9	94	96	80	77	88	88	87	10	10	10	10.0
8	17.5	13.4	4.1	15.0	15.6	14.6	14.9	14.7	15.7	15.1	96	96	83	78	78	93	87	10	10	10	10.0
9	19.7	14.5	5.2	16.2	16.6	18.8	21.8	21.6	21.0	19.3	97	98	95	97	97	97	97	10	10	10	10.0
10	21.4	18.6	2.8	21.6	22.3	23.4	24.0	22.0	22.1	22.6	100	98	93	97	95	98	97	10	10	10	10.0
11	22.6	18.6	4.0	21.3	22.4	24.2	23.9	23.5	23.2	23.1	98	98	95	90	97	97	96	10	10	10	10.0
12	30.2	19.9	10.3	23.6	23.7	27.2	29.4	25.5	26.4	26.0	99	99	84	79	72	95	88	10	8	10	9.3
13	28.3	21.1	7.2	25.4	25.5	26.4	25.5	26.7	25.0	25.8	97	97	81	68	87	97	88	10	10	10	10.0
14	27.3	18.9	8.4	24.7	25.5	25.3	26.9	23.9	22.1	24.7	98	96	81	75	84	95	88	10	10	10	10.0
15	28.7	18.1	10.6	20.5	20.9	24.4	25.1	25.2	23.6	23.3	98	96	75	66	80	93	85	10	9	10	9.7
16	28.7	20.2	8.5	23.5	23.6	23.9	25.9	24.0	25.2	24.4	96	96	69	72	86	96	86	10	10	10	10.0
17	27.8	20.8	7.0	24.3	24.3	24.3	25.2	23.9	23.6	24.3	97	97	71	72	81	94	85	10	7	10	9.0
18	27.3	20.7	6.6	23.3	23.3	24.6	24.7	23.8	23.2	23.8	95	93	79	72	83	91	86	10	10	10	10.0
19	24.6	20.5	4.1	22.8	23.2	23.9	23.8	23.8	23.1	23.4	94	92	80	80	87	94	88	10	10	10	10.0
20	24.1	20.2	3.9	22.5	23.3	24.0	24.8	25.7	24.7	24.2	94	95	91	86	91	94	92	10	10	10	10.0
21	28.3	21.3	7.0	25.0	25.5	28.4	28.5	30.5	29.5	27.9	98	97	80	78	91	96	90	10	10	6	8.7
22	32.9	23.0	9.9	28.7	28.2	30.0	28.9	29.8	27.8	28.9	97	98	73	61	72	90	82	10	1	0	3.7
23	30.7	22.1	8.6	26.6	26.4	28.1	30.8	28.0	25.3	27.5	93	92	77	72	85	93	85	10	0	10	6.7
24	28.6	21.3	7.3	25.0	24.9	25.0	27.0	28.6	27.4	26.3	97	95	81	75	83	96	88	10	5	10	8.3
25	34.2	22.3	11.9	26.4	26.7	28.1	24.5	25.8	22.6	25.7	96	94	69	47	72	80	76	10	7	9	8.7
26	28.7	19.9	8.8	22.6	23.7	24.7	27.0	24.8	23.4	24.4	93	95	69	69	81	88	83	10	4	10	8.0
27	27.2	21.2	6.0	23.6	24.1	25.8	27.6	27.7	28.9	26.3	92	92	82	79	82	93	87	10	10	10	10.0
28	31.7	23.0	8.7	28.1	27.3	28.8	30.1	29.6	27.5	28.6	93	97	78	65	89	93	86	10	7	6	7.7
29	31.9	21.3	10.6	26.7	25.1	27.0	27.3	29.5	24.1	26.6	99	88	63	59	75	80	77	2	7	0	3.0
30	32.6	21.2	11.4	24.8	25.1	26.4	28.6	28.9	27.8	26.9	93	91	60	61	75	90	78	9	10	0	6.3
31	33.7	21.3	12.4	25.7	27.2	28.9	29.9	30.3	27.4	28.2	95	91	63	60	71	86	78	3	7	0	3.3
Mean	27.3	19.0	8.3	22.5	22.8	24.0	25.0	24.2	23.3	23.6	98	95	77	73	81	92	86	9.4	8.3	7.6	8.5

Day	PRECIPITATION (mm)	Amount of Evaporation Large Sized (mm)	Depth of Snow Cover (cm)	EARTH TEMPERATURE (°C)										REMARKS
				5 cm							Daily Mean			
				2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	10cm	29cm	30cm	
1	—	3.8		20.2	19.8	22.7	26.7	25.5	21.7	22.8	21.9	20.8	19.4	≡ ⁰ , Δ ⁰
2	0.1	(2.0)		19.5	18.3	23.2	25.3	23.6	22.0	22.0	21.7	20.9	19.7	Δ ¹ , ⊕ ¹ , ⊙ ⁰
3	4.3	4.2		21.2	20.7	23.1	29.0	27.1	22.9	24.0	23.0	21.5	20.0	⊙ ⁰
4	—	3.7		20.5	19.5	24.9	27.7	26.2	23.4	23.7	23.2	22.0	20.5	—
5	1.8	(1.5)		21.5	20.9	25.8	25.4	24.1	22.3	23.3	23.1	22.2	20.8	≡ ¹ , ⊙ ⁰ , ⊔ ⁰ , Δ ⁰
6	18.9	(0.6)		21.2	20.3	20.9	22.0	20.5	19.1	20.7	21.1	21.2	20.5	⊙ ¹ , ♀ ⁰
7	0.1	(0.9)		18.3	17.8	18.6	19.7	18.9	17.8	18.5	19.2	19.6	19.5	♀ ⁰
8	0.7	(0.6)		17.2	17.0	17.6	18.4	18.6	17.6	17.7	18.2	18.5	18.8	♀ ⁰
9	9.8	(0.0)		17.2	17.1	18.3	19.6	19.6	19.3	18.5	18.4	18.4	18.4	♀ ¹ , ⊙ ⁰
10	13.5	(0.0)		19.1	19.1	20.5	21.6	21.2	20.2	20.3	19.8	19.2	18.7	♀ ¹ , ⊙ ⁰
11	16.0	(0.0)		19.7	19.6	20.6	21.9	21.4	20.6	20.6	20.2	19.7	19.1	⊙ ¹ , ♀ ⁰
12	17.7	(1.7)		20.4	20.4	24.1	27.7	26.8	24.2	23.9	22.3	21.0	19.7	⊙ ¹
13	3.4	(2.4)		23.1	22.5	24.6	29.5	27.7	24.5	25.3	24.4	22.8	21.1	⊙ ⁰ , ♀ ⁰
14	0.2	(2.2)		23.5	23.1	25.4	27.0	26.3	23.9	24.9	24.3	23.0	21.6	♀ ⁰
15	—	3.8		22.1	22.2	25.1	30.3	27.7	24.7	25.4	24.4	22.9	21.6	—
16	0.0	(3.2)		23.4	22.9	27.1	29.1	26.9	24.9	25.7	25.1	23.6	22.1	⊔ ⁰ , ⊙ ⁰
17	0.0	(4.7)		23.7	23.4	26.4	29.5	27.7	25.1	26.0	25.3	23.8	22.4	≡ ⁰ , ⊙ ⁰
18	0.1	(3.1)		24.0	23.6	25.1	28.8	26.6	24.7	25.5	25.0	23.9	22.5	⊙ ⁰
19	0.0	2.6		23.7	23.2	24.7	25.8	24.9	23.6	24.3	24.2	23.5	22.4	⊙ ⁰
20	0.0	(0.9)		22.8	22.4	23.1	24.1	24.1	23.2	23.3	23.2	22.7	22.0	♀ ⁰ , ⊙ ⁰
21	0.2	(2.6)		22.8	22.6	25.3	28.0	26.9	25.3	25.2	24.1	23.0	22.0	⊙ ⁰ , ♀ ⁰
22	1.8	4.7		24.6	24.1	28.0	32.9	31.3	27.8	28.1	26.5	24.4	22.7	Δ ⁰ , ⊙ ⁰ , ≡ ⁰
23	—	3.6		25.9	25.3	27.5	32.4	29.8	26.9	28.0	27.2	25.5	23.5	Δ ⁰
24	—	2.2		25.5	24.7	25.7	27.9	28.7	26.0	26.4	26.2	25.2	23.7	—
25	—	6.2		25.2	24.8	28.6	33.4	30.6	26.9	28.3	27.2	25.5	23.7	—
26	—	4.2		25.4	24.3	26.5	30.4	28.7	26.1	26.9	26.7	25.7	24.1	—
27	—	(2.0)		25.1	24.6	25.7	27.6	27.1	26.1	26.0	26.0	25.2	24.0	—
28	2.5	(4.4)		25.5	25.1	27.1	31.0	29.1	26.9	27.5	26.7	25.4	24.0	♀ ⁰ , ♀ ⁰ , ⊔ ⁰
29	—	5.9		25.4	24.7	28.5	31.7	30.0	27.0	27.9	27.2	25.8	24.4	≡ ¹
30	—	1.8		25.4	24.6	28.8	31.2	29.8	27.5	27.9	27.3	26.0	24.6	—
31	—	4.9		25.7	24.6	29.2	33.2	31.0	28.2	28.7	27.8	26.3	24.9	Δ ⁰
Mean	91.1	84.4		22.5	22.0	24.6	27.4	26.1	23.9	24.4	23.9	22.9	21.7	

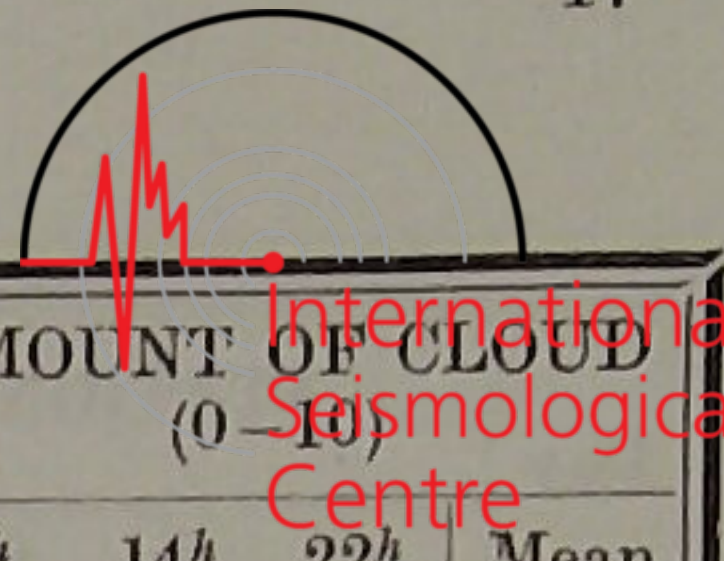
AUGUST, 1962.



Day	STATION PRESSURE (1000 mb+)							M.S.L. PRESSURE (1000 mb+)							AIR TEMPERATURE °C						
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean
1	4.7	5.3	5.0	3.1	3.3	4.6	4.3	12.0	12.6	12.1	10.2	10.5	11.9	11.6	22.8	23.2	31.4	33.4	30.2	25.1	27.7
2	4.7	6.2	6.1	3.9	4.0	4.6	4.9	12.1	13.7	13.2	11.0	11.3	11.9	12.2	20.6	21.2	29.6	33.5	29.6	23.6	26.4
3	3.5	2.7	1.0	997.9	996.2	994.1	999.2	10.8	10.1	8.1	4.9	3.4	1.2	6.4	22.6	22.7	27.4	33.1	29.6	26.0	26.9
4	990.6	989.0	990.2	997.7	1.4	3.3	995.4	997.8	996.1	997.3	4.8	8.7	10.7	2.6	25.2	28.0	28.2	23.8	23.3	20.0	24.8
5	3.8	6.0	6.0	3.9	3.8	5.2	4.8	11.2	13.4	13.2	11.2	11.0	12.6	12.1	18.8	18.2	25.5	27.6	24.8	19.4	22.4
6	4.5	4.0	2.4	0.9	0.3	1.6	2.3	11.9	11.5	9.7	8.3	7.7	8.9	9.7	18.2	18.2	23.1	20.0	21.2	20.6	20.2
7	2.1	3.9	3.9	3.0	3.9	3.7	3.4	9.6	11.4	11.1	10.3	11.2	11.1	10.8	19.9	20.6	27.2	27.1	23.9	22.4	23.5
8	3.1	4.3	5.1	3.6	2.7	2.3	3.5	10.6	11.7	12.4	10.9	10.0	9.7	10.9	20.1	20.2	20.8	24.6	23.4	21.4	21.8
9	999.4	996.4	994.1	992.7	992.2	993.3	994.7	6.8	3.8	1.3	999.8	999.4	0.6	2.0	21.0	21.3	23.6	26.5	24.7	21.8	23.2
10	993.1	994.8	995.4	995.8	996.6	998.1	995.6	0.4	2.1	2.6	3.0	3.8	5.5	2.9	21.2	20.4	25.7	28.3	24.8	20.2	23.4
11	999.1	0.6	1.1	1.1	3.3	6.2	1.9	6.6	8.0	8.3	8.3	10.6	13.7	9.3	18.6	18.4	27.0	28.5	23.7	17.7	22.3
12	6.5	8.2	8.7	7.1	7.4	9.3	7.9	14.1	15.8	16.0	14.4	14.7	16.7	15.3	14.1	15.5	24.0	29.0	23.7	19.3	20.9
13	9.0	9.6	8.2	6.0	5.6	7.4	7.6	16.5	17.1	15.5	13.1	12.7	14.8	15.0	18.1	17.9	25.1	30.6	28.0	22.3	23.7
14	6.7	7.0	6.5	4.8	4.6	6.3	6.0	14.1	14.5	13.7	11.9	11.8	13.6	13.3	20.8	19.6	27.1	33.1	28.6	24.2	25.6
15	5.3	6.2	5.8	4.0	5.3	6.3	5.5	12.6	13.7	12.9	11.1	12.5	13.7	12.8	22.1	21.4	30.5	31.3	25.1	22.4	25.5
16	6.2	6.6	5.8	4.2	4.8	6.6	5.7	13.7	14.1	12.9	11.4	12.1	14.0	13.0	20.9	20.7	29.5	30.9	25.8	24.9	25.5
17	6.4	6.9	6.6	4.4	5.4	6.7	6.1	13.7	14.2	13.8	11.6	12.6	14.1	13.3	24.0	23.3	27.3	30.6	25.0	22.7	25.5
18	5.7	6.5	7.0	5.3	6.6	7.8	6.5	13.1	13.9	14.2	12.4	14.0	15.1	13.8	20.3	21.4	27.8	30.4	25.2	21.2	24.4
19	6.4	6.6	5.7	3.2	3.0	3.1	4.7	13.8	14.0	12.8	10.4	10.2	10.4	11.9	20.8	21.7	26.3	29.1	26.3	23.9	24.7
20	2.0	1.4	0.6	998.6	999.0	999.0	0.1	9.3	8.7	7.8	5.7	6.1	6.4	7.3	22.4	22.7	29.0	30.3	27.4	23.8	25.9
21	997.9	997.3	995.9	994.9	995.5	998.1	996.6	5.1	4.5	3.0	2.0	2.7	5.4	3.8	22.6	23.2	29.2	30.6	28.3	24.3	26.4
22	999.3	1.8	3.5	2.7	4.1	5.0	2.7	6.6	9.1	10.7	9.8	11.4	12.3	10.0	22.2	23.2	29.7	30.8	26.0	24.4	26.1
23	2.9	1.1	998.8	998.8	2.1	4.3	1.3	10.2	8.3	6.1	6.0	9.4	11.6	8.6	24.0	24.3	25.3	27.4	24.8	22.4	24.7
24	4.0	4.4	5.0	4.4	5.7	7.9	5.2	11.5	11.9	12.3	11.7	13.0	15.3	12.6	20.1	20.0	25.5	26.5	23.5	22.0	22.9
25	8.2	10.7	13.4	13.7	14.1	15.5	12.6	15.7	18.1	20.9	21.1	21.6	23.1	20.1	20.7	20.2	19.9	20.2	18.4	17.5	19.5
26	13.9	13.0	11.6	7.8	7.0	4.6	9.7	21.4	20.5	19.0	15.2	14.5	11.9	17.1	17.1	17.8	20.9	23.8	22.3	23.3	20.9
27	2.4	2.1	0.6	0.9	3.1	5.0	2.4	9.7	9.4	7.8	8.1	10.4	12.3	9.6	22.7	23.5	29.3	25.9	23.4	20.8	24.3
28	5.1	6.2	6.8	5.3	6.5	7.9	6.3	12.6	13.7	14.1	12.5	13.9	15.3	13.7	19.6	19.3	26.0	27.8	22.3	20.5	22.6
29	6.2	5.0	3.8	2.5	2.4	3.8	4.0	13.6	12.3	11.1	9.8	9.7	11.1	11.3	19.8	19.8	20.4	21.6	21.4	20.4	20.6
30	4.3	5.4	5.9	5.4	6.2	7.3	5.8	11.7	12.8	13.2	12.6	13.6	14.7	13.1	20.0	18.8	24.3	26.9	24.1	18.9	22.2
31	7.4	8.6	9.8	9.3	9.7	11.5	9.4	14.9	16.0	17.1	16.6	17.1	19.0	16.7	18.6	18.8	24.1	25.6	22.1	19.5	21.5
Mean	3.7	4.1	3.9	2.8	3.4	4.5	3.7	11.1	11.5	11.1	10.0	10.7	11.9	11.1	20.6	20.8	26.2	28.0	24.9	21.8	23.7

Day	DIRECTION AND VELOCITY (m.p.s.) OF THE WIND													Duration of Sunshine in hours	Total Solar and Sky Radiation (cal./cm ²)		
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean 24 ^h	Maximum									
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.							
1	NNW	0.9	NNW	1.3	N	2.8	N	3.2	N	3.0	N	1.3	2.0	N	5.2	11.0	637
2	WNW	2.2	NW	1.5	SW	0.9	S	2.4	S	4.2	S	6.1	2.8	S	8.0	8.4	560
3	SSW	2.2	SSE	1.3	SSE	1.5	S	1.1	S	5.2	SSE	2.0	2.8	S	7.4	7.0	457
4	S	3.2	WSW	5.2	W	8.5	N	6.3	W	4.0	SSE	2.8	4.2	W	18.4	6.2	423
5	SW	1.3	WNW	1.5	NNW	6.1	NNW	5.2	NNW	3.6	SSE	3.6	2.7	NNW	6.5	11.5	654
6	NNW	0.7	ESE	0.7	W	1.3	N	2.4	E	0.9	SSW	1.7	1.1	SE	3.2	0.5	211
7	NE	2.0	ESE	0.9	WNW	3.6	NW	4.6	NW	1.3	E	1.1	2.6	NW	5.5	6.0	505
8	NNW	0.9	NW	2.0	NNW	1.5	N	1.5	W	1.3	SSE	4.0	2.0	S	5.9	0.4	271
9	S	4.4	SSE	4.2	S	7.1	W	10.7	WSW	4.4	NE	2.2	4.5	W	10.8	0.2	216
10	W	1.3	NNW	1.1	W	1.1	W	6.3	SSW	5.2	ENE	1.5	3.1	W	7.6	8.4	479
11	S	2.0	NE	0.4	NW	0.9	NNW	4.8	N	1.7	N	2.4	2.1	WNW	5.5	8.5	570
12	W	1.3	NNW	2.4	NW	1.7	SSE	1.5	SSE	4.4	S	2.2	2.2	S	7.4	12.0	649
13	NNW	0.9	—	0.0	SW	1.1	ESE	1.7	SSW	2.6	SSE	2.6	1.8	S	6.3	8.8	585
14	WNW	1.7	WNW	1.3	SSE	0.4	W	0.9	N	3.8	NW	1.5	1.5	NNW	4.8	8.7	544
15	E	1.5	NNW	2.4	NE	2.0	NNW	2.6	S	4.2	WNW	1.5	2.1	S	6.5	11.0	617
16	WNW	0.9	N	1.5	S	2.4	S	7.1	SSE	5.5	SSW	2.8	3.1	S	7.4	9.9	585
17	—	0.2	W	0.9	SSE	2.0	SSE	7.4	S	4.4	SSW	1.7	3.0	S	8.4	5.5	434
18	WNW	1.5	ENE	0.4	ESE	0.7	NW	1.3	S	4.4	S	0.7	2.0	SSE	6.5	4.5	429
19	—	0.2	W	0.9	NW	1.5	SSE	6.9	SSE	4.2	SW	2.4	2.6	SSE	6.9	6.3	481
20	—	0.2	N	0.9	SSE	2.8	SSE	4.6	SSE	2.8	—	0.2	2.6	SSE	6.7	7.2	482
21	NNW	1.5	NNW	3.8	NNW	5.2	NE	5.0	N	1.3	N	1.5	2.8	NNW	6.7	7.3	488
22	NW	0.4	—	0.0	SSW	2.6	S	6.5	SSE	5.0	S	3.4	3.4	S	7.4	10.0	537
23	S	3.2	S	4.4	S	7.1	NNE	5.0	NNW	1.3	ENE	1.3	2.8	S	7.4	1.4	195
24	WSW	1.3	SSE	1.1	NW	1.1	—	0.2	—	0.2	ENE	1.3	1.3	S	4.6	2.3	292
25	WSW	0.7	—	0.2	S	4.2	SSE	3.4	S	5.0	SW	1.5	2.8	S	4.8	—	125
26	WSW	2.0	—	0.2	WNW	1.7	SE	7.8	SE	3.6	SE	4.4	3.4	SSE	9.6	—	241
27	SSW	2.6	SSE	6.3	SSE	5.0	N	5.9	WNW	1.1	W	3.4	4.3	SSE	11.0	3.4	329
28	SW	1.7	WNW	1.5	N	1.1	S	5.4	SSE	4.2	S	5.4	3.1	SSE	7.3	4.8	464
29	SSE	4.0	S	4.8	WSW	3.4	NNE	0.9	N	0.4	—	0.2	2.4	S	5.2	—	118
30	NNE	0.4	N	0.9	ESE	1.5	NNW	3.0	NW	0.7	SSW	0.7	1.5	N	6.3	6.2	450
31	N	1.5	SW	0.7	N	2.4	NNW	3.6	—	0.0	S	3.2	1.7	S	4.4	3.6	403
Mean	1.6	1.6	1.8	2.7	4.2	3.0	2.3	2.6	181.0	13431							

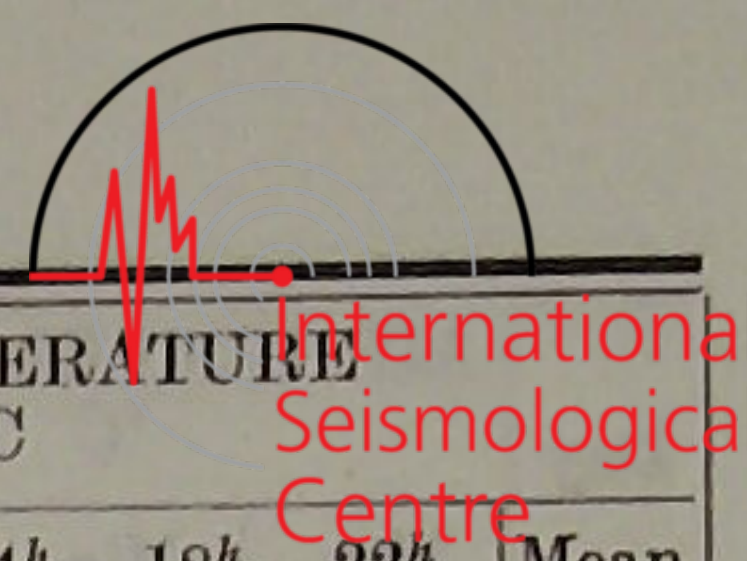
AUGUST, 1962.



Day	AIR TEMPERATURE °C			VAPOUR PRESSURE (mb)							RELATIVE HUMIDITY (%)							AMOUNT OF CLOUD (0-10)			
	Max.	Min.	Range	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	6 ^h	14 ^h	22 ^h	Mean
1	34.0	21.6	12.4	26.1	26.8	29.5	28.7	29.8	28.6	28.3	94	94	64	56	69	90	78	0	0	3	1.0
2	34.1	19.7	14.4	23.4	24.5	22.3	30.5	32.6	27.0	26.7	96	97	54	59	79	93	80	10	10	10	10.0
3	33.7	22.2	11.5	26.5	26.4	28.6	31.3	32.3	27.1	28.7	97	96	78	62	78	81	82	10	8	10	9.3
4	29.1	19.1	10.0	28.1	25.8	24.2	21.7	21.8	20.9	23.8	88	68	63	74	76	89	76	10	10	7	9.0
5	28.1	16.7	11.4	20.5	20.1	18.5	17.5	21.5	18.5	19.4	94	96	57	47	69	82	74	6	1	0	2.3
6	23.7	17.8	5.9	19.7	20.1	21.5	21.7	23.9	23.2	21.7	94	96	76	93	95	96	92	10	10	4	8.0
7	28.7	19.1	9.6	21.6	21.7	24.1	23.0	22.9	23.5	22.8	93	90	67	64	77	87	80	7	10	10	9.0
8	24.9	19.9	5.0	23.1	23.5	23.9	25.2	26.0	23.7	24.2	98	99	97	81	90	93	93	10	10	10	10.0
9	27.5	20.8	6.7	23.1	23.8	27.2	25.8	23.8	22.0	24.3	93	94	93	74	76	84	86	10	10	10	10.0
10	28.7	19.4	9.3	19.1	21.5	18.4	20.9	17.7	19.2	19.5	76	90	56	54	57	81	69	10	6	0	5.3
11	29.3	15.9	13.4	19.3	20.0	20.9	20.3	19.3	18.2	19.7	90	94	59	52	66	90	75	5	3	0	2.7
12	29.7	13.2	16.5	14.9	16.9	19.0	14.3	19.9	21.0	17.7	93	96	64	36	68	94	75	0	5	0	1.7
13	32.1	17.6	14.5	20.0	19.9	23.5	21.2	28.2	25.8	23.1	96	97	74	48	75	96	81	10	0	4	4.7
14	33.9	19.4	14.5	24.1	22.8	24.4	26.0	27.3	26.3	25.2	98	100	68	51	70	87	79	10	2	7	6.3
15	32.8	20.4	12.4	25.5	23.9	26.0	27.0	26.2	25.7	25.7	96	94	60	59	82	95	81	0	2	2	1.3
16	31.2	20.2	11.0	23.8	24.4	29.7	28.0	27.7	27.3	26.8	97	100	72	63	83	87	84	10	1	10	7.0
17	31.2	21.6	9.6	27.2	26.9	29.4	30.0	25.1	25.1	27.3	91	94	81	68	79	91	84	10	3	6	6.3
18	31.7	20.2	11.5	23.2	24.8	27.5	29.1	24.3	22.8	25.3	97	97	73	67	76	91	84	10	9	2	7.0
19	29.5	19.8	9.7	23.3	24.4	26.8	31.6	28.6	27.5	27.0	95	94	79	78	83	93	87	10	6	2	6.0
20	31.0	21.5	9.5	25.9	27.1	31.1	31.3	30.1	27.3	28.8	96	98	78	73	82	93	78	10	10	4	8.0
21	31.9	21.8	10.1	26.5	27.0	27.6	25.5	29.8	26.8	27.2	97	95	68	58	77	88	81	9	10	10	9.7
22	31.5	21.2	10.3	24.5	25.6	28.1	28.3	27.0	26.9	26.7	92	90	67	64	81	88	80	6	10	10	8.7
23	30.0	20.8	9.2	26.3	28.2	29.7	28.3	24.4	26.4	27.2	88	93	92	78	78	97	88	10	10	10	10.0
24	26.9	19.0	7.9	22.5	23.0	26.9	26.7	24.1	22.9	24.4	96	98	82	77	83	87	87	10	10	10	10.0
25	21.3	16.8	4.5	23.8	22.4	20.1	18.8	17.7	17.5	20.1	97	95	87	79	84	88	88	10	10	10	10.0
26	24.7	16.9	7.8	18.5	19.6	21.5	24.6	25.8	27.4	22.9	95	96	87	83	96	96	92	10	10	10	10.0
27	30.5	20.8	9.7	26.4	28.5	29.6	25.7	24.2	21.8	26.0	96	98	73	77	84	89	86	10	10	1	7.0
28	29.5	18.6	10.9	21.6	21.4	22.6	26.8	23.6	23.0	23.2	95	95	67	72	88	96	86	10	10	10	10.0
29	22.3	19.6	2.7	22.5	22.7	23.5	24.5	24.6	23.5	23.6	97	98	98	95	97	98	97	10	10	10	10.0
30	28.0	18.3	9.7	23.2	21.5	25.6	22.0	24.8	20.4	22.9	99	99	84	62	83	94	87	10	10	1	7.0
31	26.1	18.3	7.8	20.6	20.9	21.9	21.6	22.0	21.2	21.4	96	96	73	66	83	94	85	10	10	10	10.0
Mean	29.3	19.3	10.0	23.1	23.4	25.0	25.1	25.1	23.8	24.2	94	95	74	67	79	91	83	8.5	7.3	6.2	7.3

Day	PRECIPITATION (mm)	Amount of Evaporation Large Sized (mm)	Depth of Snow Cover (cm)	EARTH TEMPERATURE (°C)									REMARKS	
				5 cm					Daily Mean					
				2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	10cm	20cm		30cm
1	—	5.4		26.2	24.9	29.5	33.9	30.5	28.7	29.0	28.6	26.9	25.2	∞ ⁰
2	—	5.2		26.3	24.9	29.0	33.3	31.2	28.2	28.8	28.3	27.0	25.5	≡ ¹
3	0.0	(4.9)		26.7	25.9	27.5	32.9	31.4	28.9	28.9	28.2	27.1	25.6	≡ ⁰ , ∞ ⁰
4	0.6	4.6		27.5	26.6	28.0	29.1	27.8	25.2	27.4	27.5	26.8	25.6	∞ ⁰ , ∞ ⁰ , ∞ ⁰
5	—	(5.2)		23.9	22.5	26.4	31.1	29.0	25.6	26.4	26.2	25.8	25.0	—
6	10.0	(1.2)		23.6	22.9	25.1	24.6	24.4	23.5	24.0	24.5	24.9	24.5	∞ ⁰ , ∞ ¹
7	0.0	(2.2)		22.2	21.8	25.6	29.5	26.6	24.9	25.1	24.6	24.2	23.8	∞ ¹
8	43.1	(1.8)		23.6	22.3	23.1	26.4	25.6	24.3	24.2	23.8	23.8	23.6	∞ ¹
9	1.1	(2.3)		23.3	23.0	23.8	25.9	25.2	24.0	24.2	24.0	23.7	23.5	∞ ⁰ , ∞ ⁰
10	0.0	4.2		23.1	22.4	25.3	26.6	26.5	23.9	24.6	24.3	23.9	23.5	∞ ⁰
11	—	4.6		22.5	21.6	25.8	30.2	26.8	23.8	25.1	24.6	24.1	23.6	∞ ¹
12	—	4.1		21.6	20.1	24.4	29.7	26.9	24.0	24.5	24.1	23.9	23.4	∞ ¹
13	0.0	3.4		22.6	22.4	25.6	31.0	29.3	26.2	26.2	25.3	24.5	23.7	∞ ⁰ , ≡ ¹ , ∞ ⁰
14	—	5.7		25.3	24.4	26.9	32.2	30.3	27.5	27.8	26.8	25.6	24.3	≡ ²
15	0.4	(5.7)		25.8	24.5	28.3	33.2	30.3	27.3	28.2	27.5	26.3	24.9	∞ ⁰ , ∞ ⁰ , ∞ ⁰ , ∞ ¹
16	—	3.9		25.4	24.6	28.3	31.6	29.4	27.2	27.8	27.3	26.4	25.2	≡ ¹ , ∞ ⁰
17	0.0	4.1		26.5	26.0	27.6	31.9	28.8	26.6	27.9	27.4	26.5	25.4	∞ ⁰ , ∞ ⁰ , ∞ ⁰
18	—	(4.1)		25.1	24.7	27.7	31.2	28.6	26.4	27.3	27.0	26.3	25.3	≡ ¹
19	0.6	(3.4)		24.9	24.8	27.2	30.1	28.7	26.7	27.1	26.7	26.1	25.2	∞ ⁰
20	1.0	(4.4)		25.7	25.1	28.0	30.8	29.3	27.1	27.7	27.1	26.2	25.3	∞ ⁰ , ∞ ⁰ , ∞ ⁰ , ≡ ⁰
21	—	3.8		25.8	25.0	27.7	30.6	29.3	26.9	27.6	27.1	26.4	25.4	∞ ⁰
22	—	(6.5)		25.5	24.8	28.4	31.0	29.4	27.3	27.7	27.2	26.5	25.5	—
23	19.4	(1.7)		26.4	25.9	25.4	27.8	27.5	25.7	26.5	26.3	26.1	25.4	∞ ¹ , ∞ ⁰
24	4.1	(1.2)		24.3	23.4	25.9	27.3	26.5	25.1	25.4	25.4	25.2	24.8	∞ ⁰ , ≡ ⁰ , ∞ ⁰ , ∞ ¹
25	2.1	(1.6)		24.2	23.8	23.6	23.5	23.2	22.1	23.4	23.9	24.3	24.4	∞ ¹
26	16.8	(0.0)		21.7	21.6	22.9	24.4	23.5	23.4	22.9	22.9	23.2	23.5	∞ ⁰ , ∞ ¹
27	42.1	(3.0)		23.4	23.4	25.7	26.8	25.6	23.8	24.8	24.2	23.8	23.6	∞ ⁰ , ∞ ² , ∞ ⁰ , ∞ ⁰ , ∞ ⁰
28	0.4	(0.4)		22.9	22.3	24.9	28.9	26.5	24.5	25.0	24.5	24.1	23.7	∞ ¹
29	31.0	(1.0)		23.5	22.6	22.4	23.5	23.9	23.1	23.2	23.4	23.7	23.7	∞ ¹ , ≡ ¹ , ∞ ¹
30	0.4	(3.2)		22.9	22.6	24.5	27.7	27.2	24.6	24.9	24.2	23.7	23.4	∞ ²
31	0.0	(2.5)		23.1	22.6	24.5	27.1	26.2	24.1	24.6	24.3	24.0	23.7	∞ ⁰ , ∞ ⁰
Mean	173.1	105.3		24.4	23.7	26.1	29.2	27.6	25.5	26.1	25.7	25.2	24.5	

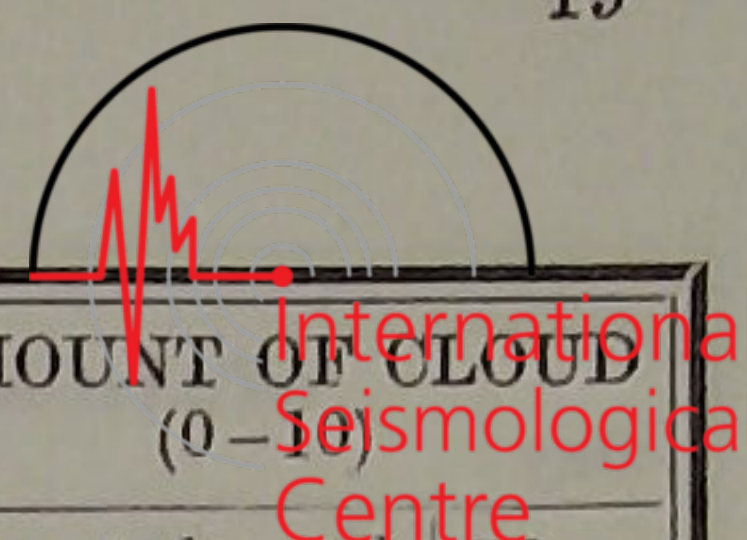
SEPTEMBER, 1962.



Day	STATION PRESSURE (1000 mb+)							M.S.L. PRESSURE (1000 mb+)							AIR TEMPERATURE °C						
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean
1	11.7	12.7	12.9	11.0	12.5	13.6	12.4	19.1	20.3	20.3	18.3	19.9	21.1	19.8	19.3	18.6	24.3	26.7	20.3	18.8	21.3
2	12.7	12.8	12.1	10.1	10.4	9.4	11.3	20.3	20.3	19.6	17.4	17.8	16.8	18.7	18.8	19.4	21.6	21.9	18.7	18.1	19.8
3	7.0	6.1	5.4	4.3	4.7	4.0	5.3	14.6	13.7	12.8	11.7	12.0	11.5	12.7	17.7	18.0	20.0	22.3	21.0	20.0	19.8
4	2.5	3.1	2.2	1.4	2.1	3.8	2.5	9.9	10.6	9.6	8.7	9.5	11.1	9.9	19.9	19.6	21.8	22.7	21.9	21.1	21.2
5	3.7	4.7	6.1	5.3	7.7	10.0	6.3	11.0	12.2	13.4	12.4	15.0	17.3	13.6	20.5	20.9	23.4	28.5	22.7	20.4	22.7
6	11.6	13.0	14.1	13.6	14.4	15.5	13.7	19.0	20.4	21.4	20.9	21.8	23.1	21.1	19.8	18.9	21.9	22.7	20.6	19.1	20.5
7	15.3	15.9	15.8	14.1	12.4	12.2	14.3	22.9	23.4	23.3	21.5	19.9	19.8	21.8	18.4	18.4	19.6	19.9	18.9	18.6	19.0
8	8.8	6.8	4.2	0.4	998.1	996.4	2.5	16.3	14.2	11.5	7.7	5.3	3.7	9.8	19.2	20.3	23.8	25.9	24.0	23.1	22.7
9	996.0	998.7	999.5	999.4	0.8	2.0	999.4	3.3	6.1	6.7	6.7	8.2	9.5	6.8	24.3	21.2	25.8	25.9	21.0	16.7	22.5
10	1.4	1.6	1.0	0.8	3.4	5.0	2.2	8.8	9.0	8.2	8.2	10.9	12.5	9.6	15.6	17.5	25.5	22.0	17.8	16.1	19.1
11	4.5	5.3	6.1	5.3	5.4	6.5	5.5	12.0	12.7	13.5	12.6	12.7	14.0	12.9	15.7	16.2	22.2	22.4	20.2	17.1	19.0
12	6.8	8.6	9.0	7.9	9.1	9.8	8.5	14.5	16.2	16.3	15.1	16.4	17.2	16.0	14.8	15.8	25.5	28.0	23.5	19.2	21.1
13	9.1	9.0	9.1	8.3	8.7	9.9	9.0	16.6	16.4	16.5	15.7	16.0	17.2	16.4	18.9	19.0	22.1	24.1	22.7	21.0	21.3
14	10.0	10.7	11.0	8.9	9.2	10.2	10.0	17.3	18.1	18.3	16.1	16.6	17.6	17.3	21.2	20.0	25.7	28.2	22.2	22.0	23.2
15	8.4	8.9	8.1	6.0	4.7	5.6	7.0	15.9	16.3	15.4	13.2	12.0	12.9	14.3	20.4	20.2	25.6	28.3	24.2	21.0	23.3
16	3.6	2.8	2.5	0.8	1.8	3.0	2.4	11.0	10.2	9.8	8.2	9.2	10.4	9.8	20.7	21.1	21.8	22.7	20.4	19.8	21.1
17	2.8	4.0	5.2	4.0	4.7	5.7	4.4	10.2	11.4	12.5	11.4	12.1	13.1	11.8	18.7	19.3	21.9	22.7	20.8	19.1	20.4
18	4.9	4.3	3.5	1.5	0.7	0.3	2.5	12.4	11.8	11.0	8.8	8.1	7.8	10.0	18.2	18.5	19.4	20.6	20.4	20.0	19.5
19	0.0	1.7	2.8	1.5	3.3	5.3	2.4	7.4	9.0	10.1	8.7	10.7	12.7	9.8	19.4	19.8	21.8	27.5	20.1	16.4	20.8
20	5.2	6.1	5.1	3.3	3.5	4.1	4.6	12.7	13.7	12.4	10.5	10.9	11.6	12.0	14.7	13.8	23.7	27.5	21.8	20.3	20.3
21	3.8	4.7	5.3	4.0	6.1	7.7	5.3	11.2	12.2	12.5	11.1	13.5	15.2	12.6	20.6	20.2	26.9	30.3	23.2	20.8	23.7
22	6.7	7.4	6.8	4.5	4.2	4.7	5.7	14.2	14.9	14.2	11.8	11.6	12.3	13.2	18.4	18.0	21.8	25.3	20.6	16.9	20.2
23	4.5	4.0	4.0	0.0	998.1	994.5	0.9	12.1	11.7	11.5	7.4	5.5	1.8	8.3	13.9	14.9	18.2	20.3	19.4	18.5	17.5
24	992.4	993.5	994.5	994.7	997.8	998.9	995.3	999.9	0.9	1.8	2.1	5.3	6.5	2.8	16.3	16.1	19.9	18.8	15.6	14.2	16.8
25	999.1	1.8	3.9	4.2	6.9	10.7	4.4	6.7	9.4	12.8	11.8	14.6	18.5	12.3	13.7	12.9	15.5	15.1	12.9	10.1	13.4
26	12.3	13.7	14.1	11.9	13.3	14.8	13.4	20.2	21.5	21.6	19.5	20.8	22.6	21.0	5.9	5.4	15.9	18.2	14.7	10.4	11.8
27	15.4	16.7	17.0	15.1	16.4	17.2	16.3	23.4	24.6	24.6	22.5	24.0	25.1	24.0	6.6	5.9	15.5	20.7	15.1	8.7	12.1
28	15.4	14.7	12.6	8.5	7.2	5.3	10.6	23.3	22.5	20.1	15.9	14.7	12.7	18.2	7.1	7.5	19.0	21.5	17.5	17.1	15.0
29	2.8	4.9	6.9	6.2	8.7	11.3	6.8	10.3	12.4	14.4	13.7	16.3	18.9	14.3	17.1	15.8	18.6	19.6	15.1	13.4	16.6
30	11.8	14.1	14.1	12.5	14.1	15.0	13.6	19.5	21.8	21.5	20.1	21.7	22.7	21.2	10.4	10.0	17.4	17.1	14.0	11.1	13.3
Mean	6.3	7.0	7.2	5.7	6.3	7.1	6.6	13.9	14.6	14.6	13.0	13.8	14.6	14.1	16.9	16.8	21.5	23.2	19.7	17.6	19.3

Day	DIRECTION AND VELOCITY (m.p.s.) OF THE WIND													Duration of Sunshine in hours	Total Solar and Sky Radiation (cal./cm ²)		
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean 24 ^h	Maximum									
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.							
1	E	0.4	NNW	1.5	SSE	1.3	SSE	4.0	SSE	3.6	SSW	3.0	3.1	SE	7.3	8.1	531
2	SSE	3.6	S	4.6	SE	3.8	SSE	5.0	SE	2.6	S	2.4	3.4	S	5.5	—	226
3	S	2.6	—	0.0	NNW	1.3	WNW	1.7	—	0.0	SE	1.3	1.2	SSE	4.2	—	182
4	SW	0.4	SSE	2.6	SSE	2.0	S	3.4	S	2.2	ESE	1.7	2.4	S	5.0	—	155
5	S	2.4	ESE	1.5	SW	0.7	SSE	2.6	SSE	1.7	SSE	1.1	2.0	S	5.0	4.0	367
6	S	3.0	WNW	1.1	SSE	2.4	S	4.0	SSE	4.2	S	3.2	2.9	SSW	5.2	—	275
7	ENE	1.3	SSW	0.4	S	2.4	SSE	4.0	S	1.5	S	2.6	2.3	S	5.4	—	118
8	SSE	2.4	SSW	2.4	SSE	4.8	S	4.8	SSE	4.0	SSE	2.0	3.7	S	5.7	0.3	277
9	WSW	5.5	ENE	1.1	NNW	5.0	NW	5.4	NW	1.7	SW	1.3	3.4	W	9.3	8.1	472
10	SSW	2.0	WSW	3.0	W	3.8	W	6.3	WNW	2.4	NW	3.0	2.9	W	9.4	5.0	395
11	W	1.1	S	3.2	ESE	2.2	S	3.2	SSW	2.2	SSE	1.3	2.4	SSW	5.2	5.1	334
12	SSW	2.8	W	0.4	SSE	2.4	N	1.7	SW	1.5	WNW	1.1	1.5	N	3.2	8.9	480
13	N	1.5	E	0.9	—	0.0	SSE	4.2	SSE	3.2	SE	2.6	2.0	S	5.5	—	145
14	S	2.6	E	0.4	SSW	4.6	S	4.8	SSE	1.7	SSE	1.5	2.8	SW	6.3	6.6	448
15	SE	0.4	S	2.8	SSW	2.2	ESE	3.2	SSE	3.6	WSW	2.2	2.0	SSE	4.2	10.0	532
16	N	1.3	N	3.0	NNW	2.2	N	2.8	NNW	4.8	NNE	2.0	3.5	N	6.7	0.5	156
17	W	1.3	NNE	2.8	N	3.8	N	1.7	WNW	0.9	SW	1.3	2.0	S	5.5	1.9	284
18	S	2.6	SSW	2.6	SSW	2.2	SSW	1.3	N	0.9	ENE	1.3	1.7	SSW	3.2	—	69
19	SW	2.0	N	1.3	SSE	2.6	WNW	2.6	NW	1.3	SSE	0.7	1.9	W	5.5	5.3	344
20	SSW	0.7	SE	0.7	—	0.2	SSW	3.8	S	5.5	SE	2.4	2.1	S	5.9	9.0	487
21	S	0.4	—	0.2	SSE	1.3	W	6.1	N	2.4	NW	0.4	2.2	W	7.4	6.6	454
22	SW	0.9	N	1.1	—	0.2	—	0.2	ENE	0.4	S	1.1	0.8	WNW	2.6	1.6	308
23	SSW	1.3	NNE	0.4	NNE	0.7	S	4.2	—	0.0	N	2.8	1.7	N	5.9	—	178
24	NE	3.2	WNW	0.9	N	4.2	NNE	3.0	N	2.2	—	0.0	2.6	NNW	11.5	1.0	202
25	NE	1.1	NW	2.8	WNW	6.7	NW	5.2	NNW	5.0	W	1.1	4.1	N	9.1	5.9	436
26	N	0.4	E	1.3	NE	1.3	NNE	1.1	SSW	2.6	SW	0.7	1.4	SSE	4.2	6.2	465
27	NW	0.9	—	0.2	N	0.7	—	0.2	S	4.6	—	0.0	1.7	S	6.1	8.3	532
28	NE	0.4	—	0.0	SSE	5.4	SSE	6.1	SSE	4.2	SSE	3.6	3.6	S	8.4	5.8	433
29	SSW	1.1	ESE	3.4	N	2.0	N	0.4	W	0.9	NNW	4.4	2.1	SSE	9.6	0.4	179
30	N	1.3	—	0.0	NNE	1.1	NNW	5.5	—	0.0	NNE	0.9	1.4	NNW	5.9	4.8	438
Mean	1.7	1.6	2.5	3.4	2.4	1.8	2.4	113.4	9902								

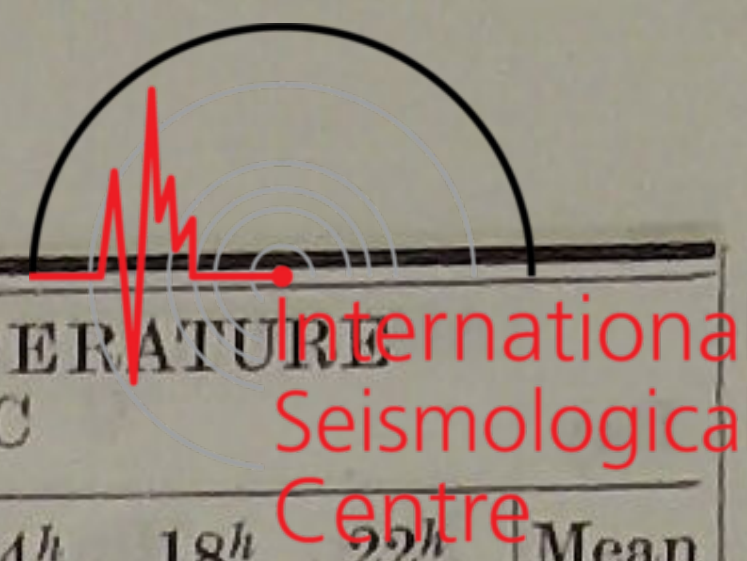
SEPTEMBER, 1962.



Day	AIR TEMPERATURE °C			VAPOUR PRESSURE (mb)							RELATIVE HUMIDITY (%)							AMOUNT OF CLOUD (0-10)			
	Max.	Min.	Range	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	6 ^h	14 ^h	22 ^h	Mean
1	26.3	18.2	8.1	21.4	20.2	21.6	21.0	20.1	19.7	20.7	95	94	71	60	84	91	83	10	4	9	7.7
2	23.1	18.0	5.1	19.7	19.9	21.0	20.4	21.0	20.2	20.4	91	88	81	78	97	97	89	10	10	10	10.0
3	22.5	17.6	4.9	19.7	20.2	21.3	22.5	23.8	22.7	21.7	97	98	91	84	96	97	94	10	10	10	10.0
4	23.5	19.6	3.9	23.0	22.6	24.8	24.8	25.4	24.8	24.2	99	99	95	90	97	99	97	10	10	10	10.0
5	29.1	20.2	8.9	23.7	24.1	25.3	25.4	24.4	22.7	24.3	98	97	88	65	88	95	89	10	8	10	9.3
6	24.1	18.7	5.4	21.6	20.8	22.5	22.9	23.6	20.1	21.9	94	95	86	83	97	91	91	10	10	10	10.0
7	20.8	18.2	2.6	20.2	19.6	20.8	20.8	21.2	21.2	20.6	95	93	91	89	97	99	94	10	10	10	10.0
8	26.2	18.8	7.4	22.0	23.6	25.7	28.1	27.0	26.4	25.5	99	99	87	84	90	93	92	10	10	9	9.7
9	26.5	15.8	10.7	19.3	19.7	16.3	18.0	18.6	17.3	18.2	64	78	49	54	75	91	69	10	6	0	5.3
10	26.3	15.0	11.3	17.0	17.9	14.9	19.2	15.9	14.9	16.6	96	90	46	72	78	82	77	7	10	8	8.3
11	24.3	15.6	8.7	16.2	16.6	18.2	20.5	20.0	18.6	18.4	91	90	68	76	84	95	84	6	8	0	4.7
12	28.5	14.6	13.9	16.3	17.6	19.9	21.1	21.5	20.6	19.5	97	98	61	56	74	93	80	9	2	10	7.0
13	24.5	18.6	5.9	21.2	21.2	24.6	25.0	25.1	23.6	23.5	97	96	92	83	91	95	92	10	10	10	10.0
14	28.8	19.8	9.0	23.6	22.5	26.1	27.0	22.8	25.5	24.6	94	96	79	71	85	97	87	10	6	8	8.0
15	29.5	20.1	9.4	22.7	22.8	21.6	23.6	24.5	23.8	23.2	95	96	66	61	81	96	83	6	1	9	5.3
16	22.9	19.6	3.3	22.5	22.6	24.1	24.9	21.0	20.0	22.5	92	91	92	90	88	87	90	10	10	10	10.0
17	23.9	18.7	5.2	20.6	19.0	19.8	21.6	21.6	20.7	20.6	95	85	75	78	88	94	86	10	10	10	10.0
18	20.9	18.1	2.8	20.1	19.9	21.9	23.4	23.5	23.2	22.0	96	93	97	96	98	99	97	10	10	10	10.0
19	28.4	15.6	12.8	22.1	22.7	23.9	18.6	19.2	17.5	20.7	98	98	92	51	82	94	86	10	2	8	6.7
20	27.8	12.9	14.9	15.4	15.4	19.2	20.5	21.8	22.1	19.1	92	98	66	56	83	93	81	5	2	10	5.7
21	30.6	19.0	11.6	22.1	22.8	25.3	23.2	23.2	22.0	23.1	91	96	71	54	82	90	81	10	4	10	8.0
22	25.4	15.7	9.7	20.8	20.4	22.8	19.4	22.1	17.9	20.6	98	99	87	60	91	93	88	10	10	6	8.7
23	20.8	13.7	7.1	15.0	16.8	18.4	20.7	21.1	21.1	18.9	95	99	88	87	94	99	94	10	10	10	10.0
24	20.8	13.8	7.0	17.8	17.7	17.8	16.2	12.6	14.0	16.0	96	97	77	74	71	87	84	10	10	10	10.0
25	17.5	8.2	9.3	13.5	10.9	10.4	9.8	9.0	9.9	10.6	86	74	59	57	61	80	70	10	7	1	6.0
26	19.4	4.4	15.0	8.6	8.7	10.1	10.2	11.4	11.6	10.1	93	97	56	49	68	92	76	0	7	5	4.0
27	21.7	4.9	16.8	9.2	9.2	12.2	10.1	11.1	10.3	10.4	95	99	69	41	65	91	77	0	0	0	0.0
28	22.3	6.2	16.1	9.5	10.0	14.0	15.6	17.5	17.6	14.0	95	96	64	61	88	91	83	8	10	0	6.0
29	20.3	11.7	8.6	16.2	16.2	15.4	14.3	12.1	10.6	14.1	83	90	72	63	71	69	75	10	10	0	6.7
30	20.0	9.7	10.3	10.5	11.1	10.1	10.9	12.4	11.2	11.0	84	90	51	56	77	85	74	10	5	10	8.3
Mean	24.2	15.4	8.8	18.4	18.4	19.7	20.0	19.8	19.0	19.2	93	93	75	69	84	92	85	8.7	7.4	7.4	7.8

Day	PRECIPITATION (mm)	Amount of Evaporation Large Sized (mm)	Depth of Snow Cover (cm)	EARTH TEMPERATURE (°C)										REMARKS
				5 cm					Daily Mean					
				2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	10cm	20cm	30cm	
1	0.0	4.3		23.1	22.7	24.5	28.3	25.9	23.9	24.8	24.3	24.0	23.7	☉ ⁰
2	6.1	(1.2)		22.9	22.2	23.0	24.2	23.1	22.1	22.9	23.3	23.5	23.5	☉ ¹
3	24.5	(0.3)		21.4	20.9	21.9	23.5	23.4	22.4	22.3	22.3	22.6	22.8	☉ ^{1, 9⁰}
4	18.1	(0.3)		22.0	21.6	22.1	23.4	23.2	22.7	22.5	22.4	22.5	22.6	☉ ¹
5	0.6	2.3		22.3	22.1	23.1	27.7	26.1	24.4	24.3	23.5	23.0	22.7	☉ ⁰
6	0.0	2.5		23.4	22.7	23.4	25.0	24.1	22.6	23.5	23.6	23.4	23.1	☉ ⁰
7	2.9	(0.0)		21.9	21.4	21.9	22.3	21.6	21.3	21.7	22.3	22.6	22.8	☉ ^{0, ☉⁰, ☉¹}
8	1.9	(3.3)		21.0	21.2	22.7	24.9	24.8	23.7	23.1	22.6	22.4	22.3	☉ ^{0, ☉⁰}
9	0.2	6.2		22.9	21.7	24.6	27.7	25.3	22.1	24.1	23.7	23.2	22.7	—
10	0.0	(3.1)		20.4	20.1	23.7	24.9	23.8	20.8	22.3	22.6	22.7	22.6	☉ ⁰
11	8.7	(2.7)		20.0	19.5	23.2	23.1	22.9	20.9	21.6	21.8	22.1	22.2	☉ ¹
12	—	(3.8)		19.4	18.9	23.4	27.7	25.6	23.1	23.0	22.4	22.2	22.0	☉ ⁰
13	0.3	(0.0)		22.1	21.6	22.5	23.6	23.5	22.4	22.6	22.6	22.5	22.2	☉ ^{0, ☉⁰}
14	—	3.1		21.8	21.6	24.4	28.2	25.6	23.8	24.2	23.5	22.8	22.5	☉ ⁰
15	—	(4.3)		23.1	22.2	25.4	30.0	27.6	24.7	25.5	24.7	23.7	23.0	☉ ⁰
16	5.6	(0.6)		23.8	22.9	23.2	24.0	23.1	21.9	23.2	23.6	23.5	23.2	☉ ⁰
17	1.0	(0.6)		21.4	21.6	22.5	25.1	24.1	22.6	22.9	22.7	22.6	22.5	☉ ⁰
18	19.0	(0.2)		21.5	21.1	21.5	22.0	22.1	21.4	21.6	21.8	22.2	22.3	☉ ^{0, ☉¹}
19	1.4	2.8		21.1	20.8	21.9	26.5	24.9	21.7	22.8	22.3	22.0	22.0	☉ ⁰
20	—	1.7		19.9	18.9	22.4	27.1	24.9	22.8	22.7	22.4	22.2	22.0	☉ ¹
21	—	2.8		22.3	22.0	24.9	29.5	26.6	24.1	24.9	24.1	23.1	22.4	—
22	—	1.8		22.5	21.6	23.1	26.3	24.6	21.9	23.3	23.4	23.3	22.8	☉ ^{1, ☉⁰, ☉¹}
23	0.2	(0.0)		20.1	19.7	21.3	22.2	21.6	21.0	21.0	21.5	22.1	22.3	☉ ^{1, ☉², ☉¹}
24	48.3	(1.5)		18.8	18.5	20.9	21.0	19.4	18.2	19.5	19.4	20.0	21.0	☉ ^{1, ☉¹}
25	0.1	3.2		17.6	17.1	19.3	21.9	18.4	16.5	18.5	18.9	19.8	20.5	☉ ^{0, ☉⁰}
26	—	1.6		14.7	13.2	17.7	21.6	19.5	17.2	17.3	17.8	18.9	19.8	—
27	—	3.8		14.7	13.2	17.5	23.4	19.7	16.4	17.5	17.7	18.7	19.4	☉ ^{1, ☉¹}
28	—	(1.4)		14.5	13.5	17.2	20.3	19.2	17.8	17.1	17.4	18.3	19.0	☉ ¹
29	0.3	1.6		17.3	17.3	18.3	20.0	18.8	16.5	18.0	18.3	18.7	18.9	☉ ^{0, ☉⁰}
30	—	1.6		15.2	14.9	18.6	21.5	18.6	16.5	17.6	17.8	18.4	18.8	—
Mean	139.2	62.9		20.4	19.9	22.0	24.6	23.1	21.2	21.9	21.8	21.9	21.9	

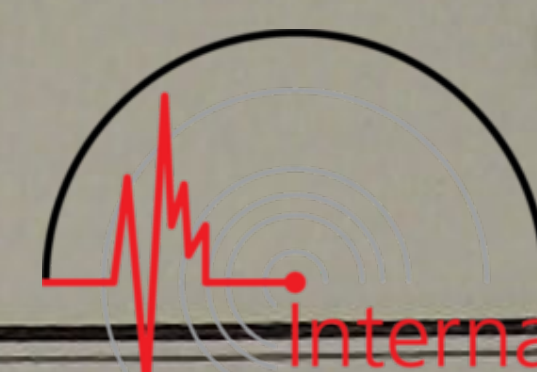
OCTOBER, 1962.



Day	STATION PRESSURE (1000 mb+)							M.S.L. PRESSURE (1000 mb+)							AIR TEMPERATURE °C						
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean
1	13.5	15.0	14.8	13.1	13.7	14.7	14.1	21.2	22.8	22.4	20.6	21.2	22.4	21.8	10.0	9.5	14.6	18.6	14.4	11.8	13.2
2	13.2	13.4	12.1	9.3	8.9	8.3	10.9	20.9	21.1	19.7	16.7	16.4	15.9	18.5	10.9	11.1	18.3	19.5	17.5	16.3	15.6
3	7.4	7.7	7.3	5.4	6.5	7.0	6.9	15.0	15.3	14.7	12.7	13.9	14.6	14.4	15.9	15.7	20.4	23.4	19.5	17.8	18.8
4	6.8	7.8	7.6	7.0	6.4	6.4	7.0	14.3	15.4	15.1	14.6	14.1	14.1	14.6	17.5	16.5	16.5	13.2	12.5	12.1	14.7
5	6.1	6.4	7.9	5.8	7.9	10.1	7.4	13.7	14.1	15.5	13.3	15.6	17.9	15.0	11.5	10.9	14.7	18.6	13.5	8.4	12.9
6	10.6	12.3	12.6	11.0	12.2	13.6	12.1	18.5	20.2	20.3	18.5	19.9	21.3	19.8	4.8	5.2	13.7	17.7	12.2	8.6	10.4
7	13.4	13.7	13.2	10.1	11.4	11.9	12.3	21.2	21.5	20.8	17.5	19.0	19.8	20.0	6.4	5.4	13.9	18.5	12.5	6.9	10.6
8	11.7	13.0	12.2	10.5	11.7	12.2	11.9	19.6	20.9	19.8	17.9	19.4	20.0	19.6	5.8	4.9	15.3	18.3	13.9	8.4	11.1
9	11.7	11.4	12.6	11.6	11.8	12.6	12.0	19.6	19.4	20.3	19.2	19.5	20.4	19.7	5.9	5.1	12.1	14.1	9.9	8.8	9.3
10	13.4	15.5	16.3	14.3	15.5	16.9	15.3	21.2	23.5	23.9	21.7	23.3	24.8	23.1	6.1	5.1	13.5	19.2	11.3	6.1	10.2
11	16.4	16.1	14.3	10.9	10.3	6.6	12.4	24.4	24.0	22.0	18.5	17.9	14.4	20.2	4.1	4.7	11.3	15.1	12.1	12.1	9.9
12	3.3	1.7	0.8	0.4	2.8	4.2	2.2	10.9	9.3	8.3	7.6	10.3	11.9	9.7	12.9	12.6	16.9	21.2	16.9	12.7	15.5
13	4.7	6.2	6.6	5.5	4.3	4.0	5.2	12.5	14.0	14.2	13.0	11.9	11.5	12.9	9.9	10.2	13.7	17.8	16.6	16.9	14.2
14	1.5	1.3	1.8	0.8	0.1	999.3	0.8	9.0	8.8	9.4	8.4	7.8	7.0	8.4	15.9	14.2	12.9	13.0	12.5	11.1	13.3
15	999.4	1.5	2.3	2.4	5.5	8.0	3.2	7.0	9.1	10.0	10.0	13.3	15.8	10.9	10.5	9.6	10.9	12.3	8.7	6.9	9.8
16	9.7	12.2	14.6	13.9	15.8	17.6	14.0	17.6	20.1	22.1	21.3	23.7	25.5	21.7	5.3	4.8	13.1	16.6	9.3	8.9	9.7
17	18.7	20.3	21.6	21.0	23.6	24.4	21.6	26.6	28.2	29.3	28.6	31.5	32.4	29.4	8.5	7.9	12.3	15.7	7.8	4.6	9.5
18	24.8	26.2	25.1	21.9	22.5	22.5	23.8	32.8	34.4	33.0	29.5	30.3	30.5	31.8	5.3	2.7	10.0	16.0	10.9	6.2	8.5
19	21.2	20.7	19.8	16.0	16.4	15.4	18.3	29.2	28.7	27.7	23.7	24.1	23.1	26.1	3.9	4.3	10.5	17.9	14.5	12.2	10.6
20	13.3	12.7	11.9	9.5	9.8	9.4	11.1	21.0	20.5	19.6	17.1	17.4	17.1	18.8	11.5	11.4	13.9	12.1	10.7	10.3	11.7
21	9.7	10.9	11.7	12.4	14.5	14.6	12.3	17.3	18.7	19.4	20.2	22.2	22.6	20.1	9.3	7.1	12.5	11.1	8.1	4.3	8.7
22	14.1	14.6	14.7	11.3	12.2	13.5	13.4	22.0	22.7	22.5	18.9	20.0	21.3	21.2	0.8	0.9	8.4	14.5	9.2	6.5	6.7
23	12.3	12.3	11.4	9.3	9.6	10.0	10.8	20.2	20.3	19.2	16.8	17.2	17.8	18.6	4.7	2.7	9.8	16.5	8.7	4.7	7.9
24	9.7	10.5	10.8	8.8	11.5	14.1	10.9	17.6	18.5	18.6	16.3	19.3	22.0	18.7	2.7	-0.3	9.9	16.3	8.1	3.8	6.8
25	14.9	14.6	14.5	11.8	13.0	12.1	13.5	22.8	22.5	22.2	19.4	20.7	19.9	21.3	5.3	5.5	9.4	16.1	12.9	9.5	9.8
26	12.2	12.7	13.1	12.1	14.9	15.9	13.5	20.0	20.5	20.6	19.8	22.6	23.8	21.2	8.6	9.4	16.8	16.3	11.4	7.7	11.7
27	16.3	16.5	17.2	15.8	17.2	18.5	16.9	24.3	24.6	25.0	23.5	25.1	26.4	24.8	3.8	2.4	12.7	15.3	9.1	5.6	8.2
28	17.8	17.6	17.1	13.6	13.9	13.1	15.5	25.8	25.7	24.9	21.2	21.5	20.8	23.3	3.1	2.0	8.6	14.5	12.3	10.9	8.6
29	11.2	10.5	8.8	5.5	3.5	1.7	6.9	19.0	18.1	16.5	13.1	11.2	9.3	14.5	10.4	10.1	11.6	12.2	12.3	12.3	11.5
30	999.3	999.1	999.6	998.1	999.5	1.5	999.5	6.9	6.8	7.1	5.6	7.0	9.1	7.1	12.6	11.8	15.6	17.1	14.4	13.2	14.1
31	3.8	7.0	10.7	13.0	16.0	18.9	11.6	11.4	14.7	18.2	20.7	23.8	26.7	19.3	12.4	9.9	14.5	11.6	10.9	10.5	11.6
Mean	11.0	11.7	11.8	10.1	11.1	11.6	11.2	18.8	19.5	19.4	17.6	18.7	19.4	18.9	8.3	7.5	13.2	16.1	12.1	9.6	11.1

Day	DIRECTION AND VELOCITY (m.p.s.) OF THE WIND												Duration of Sunshine in hours	Total Solar and Sky Radiation (cal./cm ²)			
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	Mean 24 ^h	Maximum									
	Dir.		Vel.		Dir.		Vel.										
1	NNW	1.3	NNW	0.9	NNE	0.9	N	2.4	—	0.2	—	0.0	1.1	NNW	3.8	4.2	349
2	NNW	0.4	—	0.2	—	0.2	S	5.0	SSW	1.3	—	0.0	1.7	S	7.4	1.1	266
3	—	0.2	ESE	1.5	E	0.7	NW	2.4	ESE	0.4	SE	0.9	1.4	W	9.1	4.2	317
4	E	0.4	—	0.2	N	4.0	N	3.8	—	0.0	NNW	1.3	1.7	N	6.9	—	81
5	N	3.2	—	0.0	N	4.6	W	1.1	S	2.8	W	1.1	1.5	N	5.2	7.0	440
6	—	0.0	—	0.2	—	0.2	N	3.2	—	0.0	—	0.2	0.8	N	3.2	8.1	466
7	NNW	0.9	N	1.1	ESE	0.7	SSE	1.3	N	0.9	W	2.0	1.0	NW	3.6	8.7	433
8	SW	0.7	—	0.0	N	0.4	NW	3.2	W	2.6	WNW	0.4	0.9	NNW,N	3.8	4.4	386
9	—	0.2	WSW	0.4	NNW	3.6	W	2.4	NNW	1.7	S	1.7	1.2	N	4.6	1.0	229
10	N	0.7	NNW	1.3	WNW	0.7	NNW	1.1	SSW	2.4	NNE	0.7	0.9	NNW,SSE	3.2	9.3	493
11	—	0.0	—	0.0	SSE	0.4	S	5.0	SE	1.5	S	5.0	1.8	S	9.6	—	181
12	SSW	1.5	N	2.8	N	2.8	WNW	4.2	S	2.6	S	1.3	2.5	WNW	7.6	4.4	329
13	NW	1.5	—	0.0	—	0.0	S	5.4	S	3.0	S	3.6	2.0	S	5.7	1.2	234
14	SSE	1.7	—	0.0	N	2.2	ENE	0.4	—	0.0	—	0.0	1.8	N	11.5	—	78
15	NNW	7.4	NNE	5.0	—	0.0	NW	2.0	N	1.7	ESE	0.4	2.7	NNW	9.6	1.0	184
16	S	0.9	E	0.7	N	3.6	WNW	2.6	—	0.0	—	0.2	1.5	W	5.0	7.1	413
17	SW	1.3	SE	0.9	—	0.0	WNW	5.2	N	1.1	—	0.0	1.6	NW	7.3	5.2	337
18	N	1.1	N	2.2	N	0.7	S	1.5	SSE	3.4	—	0.0	1.0	SE	4.0	8.2	432
19	—	0.2	—	0.2	—	0.0	SSE	3.4	S	5.5	S	2.4	1.8	SSE	6.1	5.0	343
20	SSE	1.3	SSW	1.3	N	2.4	S	3.8	N	3.0	N	2.6	2.8	N	6.5	—	91
21	N	7.3	N	2.6	NW	4.4	NNW	5.0	NNW	1.7	SE	1.3	3.3	NNW	9.1	4.6	318
22	—	0.0	SSE	0.9	NNW	1.3	SSW	0.4	N	2.4	NW	2.0	1.2	NNW	5.0	4.6	333
23	NNW	1.5	NNW	0.9	N	2.0	—	0.2	—	0.0	NNW	1.5	0.9	N	3.2	7.7	356
24	NNW	3.0	E	1.1	N	0.9	NNE	0.4	—	0.2	—	0.0	1.1	N	3.6	9.0	446
25	—	0.0	—	0.0	—	0.2	SSW	5.0	E	2.4	—	0.0	1.6	S	7.4	0.6	181
26	NW	1.3	SW	1.1	NW	4.6	NNW	5.9	NNW	4.4	NE	2.0	2.4	NNW	8.0	5.4	271
27	NNE	0.4	—	0.2	ESE	0.7	NW	3.0	NW	2.0	NW	2.2	1.6	N	5.7	8.4	370
28	NNW	1.3	—	0.0	N	0.9	S	1.1	—	0.0	—	0.0	0.6	SSW	3.2	1.5	243
29	NNW	0.4	—	0.0	N	2.0	NNW	4.8	N	3.8	N	4.6	2.7	N	5.0	—	81
30	N	3.2	W	1.1	NNE	3.4	N	4.0	NNE	3.4	NNW	4.0	2.6	NNW	5.0	0.3	190
31	N	2.2	WNW	0.9	N	2.8	SSW	4.0	SW	2.0	SW	1.3	2.4	S	6.3	0.8	151
Mean		1.5		0.9		1.7		3.0		1.8		1.4	1.7			123.0	9022

OCTOBER, 1962.

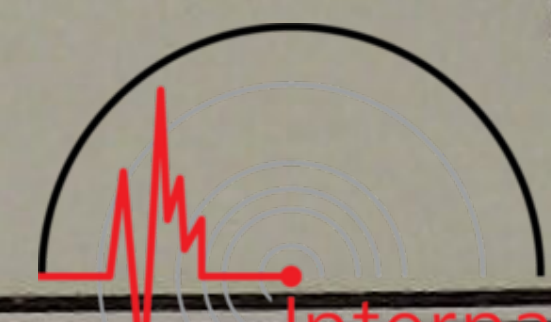


International
Seismological
Centre

Table with 21 rows (days) and 23 columns. Columns include: Day, AIR TEMPERATURE (Max, Min, Range), VAPOUR PRESSURE (2h, 6h, 10h, 14h, 18h, 22h, Mean), RELATIVE HUMIDITY (2h, 6h, 10h, 14h, 18h, 22h, Mean), and AMOUNT OF CLOUD (6h, 14h, 22h, Mean).

Table with 21 rows (days) and 15 columns. Columns include: Day, PRECIPITATION (mm), Amount of Evaporation Large Sized (mm), Depth of Snow Cover (cm), EARTH TEMPERATURE (5 cm and Daily Mean at 10cm, 20cm, 30cm), and REMARKS. Includes various symbols like circles and triangles with superscripts.

DECEMBER, 1962.



International Seismological Centre

Table with 20 columns: Day, AIR TEMPERATURE (°C) (Max, Min, Range), VAPOUR PRESSURE (mb) (2h, 6h, 10h, 14h, 18h, 22h, Mean), RELATIVE HUMIDITY (%) (2h, 6h, 10h, 14h, 18h, 22h, Mean), AMOUNT OF CLOUD (0-10) (6h, 14h, 22h, Mean).

Table with 13 columns: Day, PRECIPITATION (mm), Amount of Evaporation Large Sized (mm), Depth of Snow Cover (cm), EARTH TEMPERATURE (°C) (5 cm and Daily Mean at 10cm, 20cm, 30cm), REMARKS.

1962.



International
Seismological
Centre

NUMBER OF DAYS WITH THE WEATHER PHENOMENA

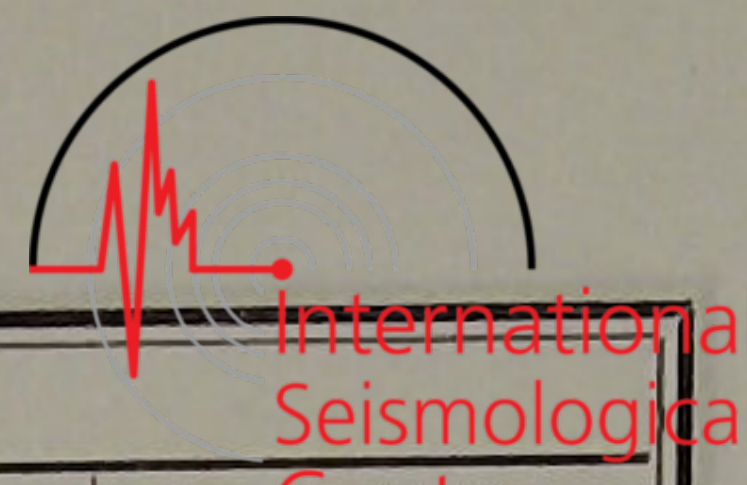
Month	Clear	Cloudy	Rain ●	Snow ✱	Rain and Snow mixed ⊙	Drizzle ，	Snow pellets △	Small hail ◇	Hail ▲	Ice pellets △	Fog ≡	Hoar- frost □
January	1	21	9	22	4	3	4	—	—	—	2	9
February	1	18	4	17	—	—	—	—	—	—	3	6
March	3	13	12	16	1	1	1	—	—	—	2	7
April	4	13	12	2	—	3	—	—	—	1	—	5
May	7	16	15	—	—	4	—	—	—	—	3	1
June	2	19	16	—	—	3	—	—	—	—	2	—
July	—	24	16	—	—	8	—	—	—	—	5	—
August	4	17	15	—	—	7	—	—	—	—	9	—
September	1	19	15	—	—	4	—	—	—	—	4	—
October	3	15	15	—	—	2	—	—	—	—	7	4
November	3	18	13	8	1	2	—	—	—	—	6	9
December	3	12	14	9	3	—	—	—	—	—	2	17

Sum	32	205	156	74	9	37	5	—	—	1	45	58
-----	----	-----	-----	----	---	----	---	---	---	---	----	----

Month	Ice columns ⊥	Air hoar ⊥	Soft rime ∨	Hard rime ∇	Glaze S	Snow Coverage ⊠	Freezing ⊞	Thunder- storm ⊞	Lighting ⊞	Solar halo ⊕	Lunar halo ⊕	Sunless
January	2	1	—	—	—	28	30	—	—	—	—	3
February	2	—	—	—	—	23	26	—	—	—	—	—
March	4	—	—	—	—	17	23	—	—	2	—	2
April	—	—	—	—	—	—	7	1	—	3	2	4
May	—	—	—	—	—	—	1	1	1	1	1	3
June	—	—	—	—	—	—	—	—	1	1	2	7
July	—	—	—	—	—	—	—	—	3	—	1	9
August	—	—	—	—	—	—	—	3	2	—	—	3
September	—	—	—	—	—	—	—	—	1	—	—	8
October	—	—	—	—	—	—	—	—	—	—	—	5
November	4	—	—	—	—	8	14	—	—	—	—	5
December	8	—	—	—	—	6	24	—	—	—	—	3

Sum	20	1	—	—	—	82	125	5	8	7	6	52
-----	----	---	---	---	---	----	-----	---	---	---	---	----

1962.



FIVE-DAYS MEANS

Month	Five-days Period	Air Pressure 1000 mb+	Air Temperature °C	Vapour Pressure mb	Relative Humidity %	Amount of Clouds (0~10)	Velocity of wind m.p.s.	Precipitation (Total) mm
January	1~ 5	6.2	0.8	5.2	78	7.6	4.0	35.2
	6~10	22.8	-0.6	4.7	80	8.9	2.0	3.9
	11~15	13.1	-0.4	5.0	83	9.7	2.8	1.6
	16~20	7.9	-0.8	4.6	80	9.0	3.2	7.7
	21~25	4.9	-2.4	4.5	88	9.1	2.1	17.9
	26~30	6.0	-1.8	4.3	80	4.9	2.8	0.1
February	31~ 4	21.1	-0.5	4.5	76	5.2	2.4	0.0
	5~ 9	21.2	1.0	5.2	81	7.3	2.2	6.3
	10~14	13.0	0.5	5.3	79	8.8	4.6	12.5
	15~19	10.0	-2.5	4.4	85	8.3	2.2	20.9
	20~24	10.6	-1.1	4.5	80	7.0	3.3	11.5
	25~ 1	15.0	-2.9	3.7	77	6.9	3.0	13.2
March	2~ 6	15.7	0.5	4.5	71	5.8	3.7	5.6
	7~11	10.9	2.5	4.9	68	5.9	4.5	5.8
	12~16	8.1	2.2	5.7	79	8.8	3.8	14.2
	17~21	14.0	0.5	4.9	79	8.5	3.4	50.8
	22~26	10.2	2.2	5.2	73	6.4	3.0	6.6
	27~31	17.8	4.0	5.4	68	5.5	3.6	2.9
April	1~ 5	17.3	6.8	7.5	74	5.9	4.9	20.1
	6~10	22.0	11.0	10.6	80	8.3	4.2	14.7
	11~15	17.2	9.0	7.9	71	7.6	3.8	7.7
	16~20	16.5	8.4	7.2	68	4.8	4.2	21.8
	21~25	16.0	11.7	8.9	68	4.5	3.6	—
	26~30	10.6	9.9	10.0	81	8.4	3.8	54.8
May	1~ 5	14.5	12.3	10.9	77	8.7	3.3	28.0
	6~10	12.8	13.9	10.0	66	3.4	3.2	12.3
	11~15	10.5	14.1	11.7	74	7.9	3.8	14.9
	16~20	10.9	14.8	11.9	73	6.7	3.4	7.4
	21~25	13.0	15.9	13.0	75	5.7	2.9	8.5
	26~30	7.0	17.5	15.4	78	7.2	3.0	8.4
June	31~ 4	12.8	17.4	16.3	83	7.9	3.7	14.7
	5~ 9	12.4	16.9	15.7	82	8.4	2.6	20.6
	10~14	10.9	18.2	18.7	91	9.9	2.4	56.4
	15~19	7.3	18.0	13.8	68	5.9	4.3	8.4
	20~24	9.3	18.3	15.7	76	6.7	3.4	15.3
	25~29	5.9	16.5	15.2	82	6.8	3.2	13.3
July	30~ 4	10.6	21.1	19.6	79	6.7	2.4	4.4
	5~ 9	14.0	17.1	17.7	90	10.0	2.7	31.3
	10~14	11.8	22.2	24.4	91	9.9	4.2	50.8
	15~19	8.0	22.9	23.8	86	8.7	2.8	0.1
	20~24	9.5	24.7	27.0	87	7.5	2.7	2.0
	25~29	8.1	25.5	26.3	82	7.5	2.5	2.5
August	30~ 3	10.4	27.1	27.8	79	6.0	2.3	0.0
	4~ 8	9.2	22.5	22.4	83	7.7	2.5	53.7
	9~13	8.9	22.7	20.9	77	4.9	2.7	1.1
	14~18	13.2	25.3	26.1	82	5.6	2.3	0.4
	19~23	8.3	25.5	27.4	84	8.5	2.8	21.0
	24~28	14.6	22.0	23.3	88	9.4	3.0	65.5
September	29~ 2	15.9	21.1	21.8	88	8.9	2.4	37.5
	3~ 7	15.8	20.6	22.5	93	9.9	2.2	46.1
	8~12	11.0	20.9	19.6	80	7.0	2.8	10.8
	13~17	13.9	21.9	22.9	88	8.7	2.5	6.9
	18~22	11.5	20.9	21.1	86	7.8	1.7	20.4
	23~27	13.7	14.3	13.2	80	6.0	2.3	48.6
October	28~ 2	18.8	14.7	13.4	80	7.8	2.0	0.6
	3~ 7	16.8	13.5	12.6	81	5.8	1.3	13.1
	8~12	18.5	11.2	11.2	84	7.0	1.5	9.8
	13~17	16.7	11.3	11.3	84	8.3	1.9	8.0
	18~22	23.6	9.2	9.5	82	6.5	2.1	0.4
	23~27	20.9	8.9	8.9	79	3.1	1.5	0.7
November	28~ 1	18.5	11.6	12.2	89	9.6	2.0	21.7
	2~ 6	15.0	11.9	11.4	80	7.1	2.8	31.1
	7~11	20.4	8.1	8.9	82	8.7	1.6	2.8
	12~16	20.7	7.9	8.2	77	5.3	1.8	4.5
	17~21	23.7	3.9	6.1	77	7.5	2.3	28.0
	22~26	23.5	0.9	5.3	81	10.0	1.5	3.3
December	27~ 1	18.6	1.7	5.5	79	5.4	1.7	1.9
	2~ 6	14.9	2.7	5.7	76	7.3	3.6	5.8
	7~11	20.6	1.1	5.5	83	5.8	1.7	2.5
	12~16	19.9	1.8	5.2	75	6.9	3.6	2.2
	17~21	15.6	3.2	6.2	81	7.1	2.2	9.9
	22~26	10.9	1.5	5.3	77	6.4	4.5	16.7
27~31	15.9	1.8	5.5	76	6.3	3.4	19.5	
Mean		13.9	10.6	12.0	80	7.3	2.9	15.5

1962.



GENERAL REMARKS

	First Day (last year) 1961	Last Day (this year) 1962	First Day (this year) 1962
Min. Air Temp. below 0°:	Oct. 25	May 1	Oct. 24
Mean Air Temp. below 0°:	Dec. 14	Mar. 17	Nov. 23
Max. Air Temp. below 0°:	Dec. 30	Feb. 28	Jan. 1 (1963)
Max. Air Temp. above 25°:		Sep. 22	May 21
Mean Air Temp. above 25°:		Aug. 22	Jul. 22
Max. Air Temp. above 30°:		Sep. 21	Jul. 12
Hoar Frost:	Oct. 25	May 1	Oct. 22
Snow:	Nov. 13	Apr. 5	Nov. 20
Snow on Ground:	Nov. 13	Mar. 24	Nov. 20

Max. Continuance of Days with Min. Temp below 0° is 32 Days: from Jan. 9 to Feb. 9
 Max. Continuance of Days with Mean Temp. below 0° is 10 Days: from Jan. 21 to Jan. 30
 from Feb. 22 to Mar. 3
 Max. Continuance of Days with Max. Temp. above 30° is 7 Days: from Jul. 28 to Aug. 3
 Max. Continuance of Days with Precipitation is 12 Days: from Feb. 10 to Feb. 21
 Max. Continuance of Days without Precipitation is 6 Days: from Apr. 20 to Apr. 25

Continuance of more than 5 Days with Precipitation are:

8 Days: from Jan. 1 to Jan. 8	5 Days: from Apr. 26 to Apr. 30
6 Days: from Jan. 12 to Jan. 17	9 Days: from Jul. 5 to Jul. 14
8 Days: from Jan. 19 to Jan. 26	8 Days: from Aug. 23 to Aug. 30
12 Days: from Feb. 10 to Feb. 21	9 Days: from Nov. 18 to Nov. 26
10 Days: from Mar. 10 to Mar. 19	9 Days: from Dec. 19 to Dec. 27

SEISMOLOGICAL OBSERVATIONS

The seismological observations have been continued since 1902. The seismological instruments in use are two Omori's horizontal seismographs with the magnetic damper (EW component only) and Nasu's seismograph with the magnetic damper. Only the vertical component of Nasu's seismograph is used regularly.

Constants of three seismographs are as follows:

Proper period	10.4 sec	32.7 sec	5.5 sec
Dynamical magnification	100	20	25
Value of friction	2.8	1.0	2.8
Damping ratio	3	—	4
Mass of weight	45.0 kg	17.6	4.4

The pulsatory oscillations or microseisms are measured only with EW component of Omori's horizontal seismograph.

Remarks:

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

Unfelt0		
		I.	Slight
		II.	Weak
		III.	Rather strong
Felt	IV.	Strong
		V.	Very strong
		VI.	Disastrous
		VII.	Very disastrous

- The time adopted in the seismological observations is Japanese Central Standard Time (9^h east from Greenwich).
- Symbols and Notations.
 - i*: Sudden beginning of motion.
 - e*: Gradual beginning of motion.
 - +: Out of order of the instrument.
 - ⊕: Out of the range of the instrument.
 - []: Depth of focus in the unit of km.
 - [S]: Shallow-focused earthquakes.
 - A.S.: After-shock.

EARTHQUAKES, 1962.

International
Seismological
Centre

No.	Date 1962	P			S			Maximum Amplitude			Period			P~S	Intensity	Epicenter and Remarks	
		E	W	N S	Z	E	W	N S	Z	EW	NS	Z	EW				NS
1	Jan. 1	h m s	m s	m s	m s	m s	m s	m s	μ	μ	μ	s	s	s	s		
2	4	14 17 58	17 58	17 57	18 10	18 10	e18 10	18 04	18 07	e18 09	15 8	10	1	1	1	12	0
3	4	3 17 35	e17 37	e17 35	18 04	18 07	e18 09	17 56	17 55	17 57	29 25	30	2	1	2	48	0
4	4	13 17 07	17 05	17 09	17 56	17 55	17 57	29 25	30	30	2	1	2	1	2	48	0
5	5	e13 37 26	e37 28	37 28	e39 11	e39 13	e39 01	215	425	60	6	2	3	105	0		
6	6	6 35 28	—	—	35 47	35 47	35 46	14	10	4	1	1	1	1	19	0	
7	7	10 39 58	—	—	e40 14	e40 15	e40 08	6	3	6	1	1	1	1	16	0	
8	9	e19 22 43	—	—	23 15	23 15	e23 18	3	?	4	1	?	1	1	32	0	
9	9	e10 04 56	—	—	e05 11	—	—	1	—	—	1	—	—	—	15	0	
10	10	21 42 00	42 00	+	42 49	42 50	+	107	108	+	1	2	+	49	0		
11	12	7 16 12	—	+	17 57	17 59	+	11	13	+	2	2	+	105	0		
12	12	6 14 18	—	e14 16	14 39	14 41	14 40	5	5	4	1	1	2	21	0		
13	12	22 39 08	e39 10	39 09	39 49	39 46	39 49	25	18	22	1	2	1	40	0		
14	13	23 43 32	e43 33	43 32	43 47	43 46	43 44	30	20	8	0	0	1	14	I		
15	14	5 19 31	—	e19 30	19 50	19 48	19 49	15	8	6	1	2	1	19	0		
16	14	11 30 03	e30 03	29 59	30 37	e30 35	e30 35	8	5	6	2	2	1	35	0		
17	14	e16 26 15	—	e26 17	26 54	e26 55	26 55	4	3	4	1	1	1	39	0		
18	18	22 35 27	e35 32	e35 27	i36 26	36 25	36 25	56	55	100	2	2	2	58	0		
19	18	5 32 58	32 58	32 57	e33 19	—	e33 22	15	15	20	1	1	1	21	0		
20	22	5 36 36	36 39	36 37	36 51	36 50	36 50	120	113	74	2	2	1	13	II		
21	24	2 54 38	e54 38	e54 37	55 26	55 28	55 26	20	8	18	1	2	1	48	0		
22	26	1 — —	—	—	05 18	05 16	05 18	7	13	14	2	2	1	—	0		
23	27	14 24 38	e24 40	e24 38	25 56	25 56	25 57	15	13	6	2	2	1	78	0		
24	30	22 19 38	—	+	19 58	19 57	+	4	3	+	1	1	+	20	0		
25	30	e 2 19 12	—	—	e19 55	—	e19 54	2	—	2	1	—	1	43	0		
26	30	2 47 11	e47 12	47 10	e47 59	e48 05	e47 54	4	3	4	2	1	1	48	0		
27	31	e19 45 31	45 32	45 31	45 53	e45 53	e45 50	10	13	12	2	2	1	22	0		
28	31	0 26 58	e27 02	e27 01	e30 26	30 26	30 23	10	13	6	3	4	1	208	0		
29	Feb. 1	10 58 01	—	e58 00	58 22	e58 23	e58 22	3	3	2	1	0	1	21	0		
30	1	6 06 54	e06 54	06 54	07 20	e07 23	e07 20	25	15	26	1	1	1	26	0		
31	1	9 — —	—	—	55 31	55 31	55 31	4	5	4	1	1	1	—	0		
32	3	23 — —	—	—	45 55	—	—	2	—	—	1	—	—	—	0		
33	3	2 22 05	e22 05	e22 05	23 15	23 15	e23 15	25	20	20	2	2	1	70	0		
34	3	3 14 32	—	e14 30	15 01	14 59	e15 00	24	10	8	1	1	1	29	0		
35	3	8 47 46	47 46	47 46	48 15	48 15	48 15	21	18	20	1	1	1	29	0		
36	6	9 45 40	45 41	e45 39	51 40	e51 39	—	9	45	—	3	20	—	360	0		
37	7	7 56 49	56 47	56 48	57 27	e57 29	57 25	130	135	64	2	1	1	38	0		
38	7	5 03 37	e03 35	e03 35	e04 13	04 09	04 12	9	5	6	1	1	1	35	0		
39	9	e18 36 06	—	—	e36 21	—	—	2	—	—	1	—	—	15	0		
40	9	8 37 26	e37 26	e37 23	38 05	e38 05	38 05	11	15	10	2	1	1	39	0		
41	10	10 02 54	e02 56	e02 51	03 27	e03 24	e03 32	9	10	6	3	2	1	33	0		
42	11	6 — —	—	—	e59 07	—	—	1	—	—	0	—	—	—	0		
43	11	10 26 33	26 40	26 33	e26 53	e26 52	26 51	21	20	20	2	2	2	18	0		
44	11	11 44 54	44 56	44 52	46 35	e46 38	46 37	86	100	80	3	3	2	101	0		
45	11	e21 27 18	27 23	e27 16	27 34	e27 45	27 31	35	33	24	2	2	2	11	0		
46	12	e23 18 45	—	e18 47	19 03	—	e19 00	+	—	6	+	—	—	18	0		
47	12	e 0 44 39	+	44 36	e45 05	+	45 10	4	+	6	1	+	1	26	0		
48	12	21 — —	—	—	00 30	e00 33	—	5	8	—	1	1	—	—	0		
49	14	23 — —	—	—	e56 26	—	—	2	—	—	1	—	—	—	0		
50	14	e 5 35 29	—	—	35 49	35 50	35 50	6	5	2	2	1	1	19	0		
51	14	e12 47 22	+	—	47 51	+	e47 50	5	+	2	2	+	1	29	0		
52	16	e15 56 12	e56 18	56 08	—	e05 30	—	16	73	—	23	23	—	553	0		
53	16	2 — —	—	—	e27 30	—	27 34	4	—	2	1	—	1	—	0		
54	18	8 42 47	—	—	44 11	e44 13	e44 14	8	8	10	2	2	1	84	0		
55	19	19 43 15	e43 14	43 12	43 41	43 41	43 40	72	100	84	2	2	2	26	0		
56	19	9 50 19	—	e50 17	50 38	50 40	e50 37	13	13	20	1	1	2	19	0		

EARTHQUAKES, 1962.



International
Seismological
Centre

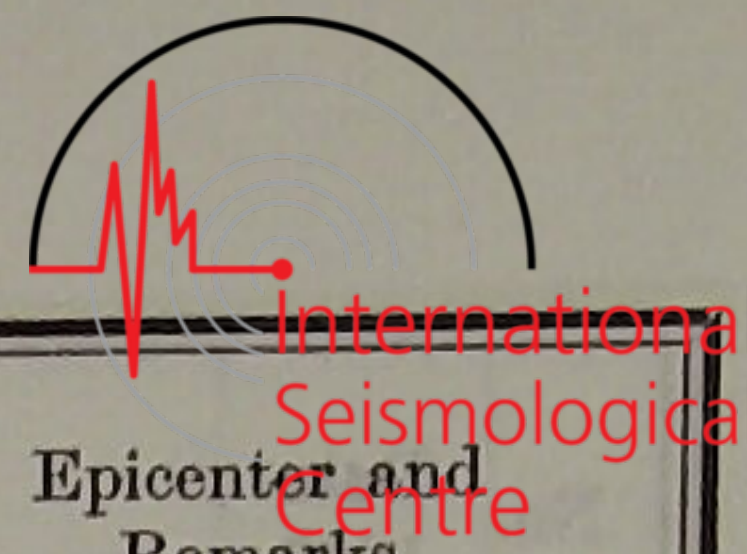
No.	Date 1962	P					S					Maximum Amplitude			Period			P~S	Intensity	Epicenter and Remarks		
		E	W	N	S	Z	E	W	N	S	Z	E	W	N	S	Z	E				W	N
56	Feb. 21	h	m	s	m	s	m	s	m	s	m	s	μ	μ	μ	s	s	s	s			
57	22	e20	09	07	—	—	—	—	e09	50	—	—	3	—	2	1	—	1	43	0		
58	24	e 7	18	07	—	—	—	—	e18	34	e18	35	4	3	4	2	1	1	27	0		
59	26	7	50	57	50	59	50	57	51	09	51	11	19	18	12	2	1	1	12	0		
60	26	10	13	54	e13	54	13	55	14	26	14	26	85	68	60	1	2	1	32	0		
61	27	e0	57	29	—	—	—	—	58	24	58	26	20	10	20	1	1	1	55	0		
62	28	4	42	46	e42	44	42	43	43	15	43	15	32	23	22	1	2	1	29	0		
63	28	6	—	—	—	—	—	—	21	06	—	—	2	—	—	1	—	—	—	0		
64	Mar. 1	e13	56	31	—	—	—	—	60	03	60	06	5	5	—	4	3	—	211	0		
65	1	e18	54	48	—	—	—	—	55	21	e55	22	3	5	—	2	2	—	33	0		
66	2	3	36	44	e36	49	e36	47	37	34	37	33	20	15	20	2	1	1	50	0		
67	3	e9	08	24	—	—	e08	24	08	42	e08	44	5	3	4	2	1	1	18	0		
68	3	21	21	37	e21	38	e21	33	e22	09	—	—	2	3	4	2	2	1	33	0		
69	4	20	47	43	—	—	—	—	48	12	e48	12	4	3	4	1	1	1	29	0		
70	7	20	05	00	05	02	04	58	08	02	08	03	45	55	42	3	3	2	182	0		
71	8	e19	49	44	—	—	—	—	51	36	e51	36	5	5	4	2	1	1	112	0		
72	10	e 7	15	50	—	—	e15	49	e16	17	—	—	5	—	2	2	—	1	27	0		
73	12	1	20	35	20	32	20	32	24	23	e24	19	4	—	—	2	—	—	230	0		
74	12	2	46	46	—	—	—	—	47	25	—	—	4	—	—	2	—	—	39	0		
75	12	e 4	25	55	e25	48	25	41	e30	57	e30	58	5	20	—	3	14	—	309	0		
76	12	11	—	—	—	—	—	—	e42	45	42	45	1	3	2	1	1	1	—	0		
77	13	15	08	31	e08	32	e08	29	e09	11	e09	10	17	23	10	2	2	2	40	0		
78	13	17	01	46	—	—	e01	42	02	38	e02	38	8	8	8	2	2	1	52	0		
79	15	10	53	57	—	—	—	—	55	31	e55	30	6	5	10	1	1	1	94	0		
80	16	e10	29	33	—	—	—	—	e30	19	e30	21	5	5	4	2	2	1	46	0		
81	18	14	+	—	28	50	28	49	+	29	10	e29	12	+	233	104	+	3	2	20	0	
82	19	15	02	17	02	17	02	17	e02	49	e02	52	10	8	10	2	2	2	32	0		
83	22	e 9	28	01	+	—	e28	02	34	40	+	—	—	+	—	—	+	—	399	0		
84	23	e 0	21	07	+	—	21	00	e27	05	+	—	6	+	—	16	+	—	358	0		
85	24	22	07	42	e07	42	07	41	14	07	14	12	—	—	—	—	—	—	385	0		
86	27	19	12	31	—	—	—	—	13	18	13	19	8	8	6	1	2	1	47	0		
87	28	3	—	—	—	—	—	—	07	25	07	25	3	3	2	1	1	1	—	0		
88	28	5	27	12	e27	16	27	16	e28	05	28	06	6	5	2	2	2	1	53	0		
89	28	6	46	19	46	19	46	18	46	58	e46	59	5	5	4	3	3	1	39	0		
90	Apr. 1	8	13	43	—	—	—	—	14	12	14	10	3	5	4	2	2	1	27	0		
91	1	14	02	48	02	48	02	47	03	25	03	23	58	50	40	2	3	1	38	0		
92	1	17	07	51	—	—	—	—	08	18	—	—	5	—	—	0	—	—	27	0		
93	1	21	19	06	19	06	19	04	e25	26	e25	28	—	—	—	—	—	—	380	0		
94	2	9	+	—	e19	20	19	20	+	—	—	—	+	—	—	+	—	—	224	0		
95	5	16	19	08	e19	08	e19	05	19	32	e19	34	8	13	10	2	2	1	25	0		
96	7	15	27	48	e27	44	27	45	32	44	e32	45	—	—	—	—	—	—	299	0		
97	8	e12	43	33	e43	37	e43	33	e44	02	e44	04	2	3	2	1	1	1	29	0		
98	11	8	55	34	55	35	55	32	56	32	56	32	18	18	20	2	2	1	58	0		
99	12	9	53	09	53	15	53	09	⊕	—	⊕	—	⊕	⊕	⊕	⊕	⊕	⊕	22	0		
100	12	10	20	35	—	—	20	34	20	56	—	—	5	—	2	1	—	1	21	0		
101	12	e11	06	09	—	—	—	—	e06	29	e06	34	5	5	2	2	2	1	20	0		
102	12	e12	03	38	—	—	—	—	03	57	e03	59	5	3	—	1	1	—	19	0		
103	12	e12	21	59	—	—	—	—	22	12	—	—	3	—	—	1	—	—	13	0		
104	12	e12	30	07	—	—	—	—	e30	24	—	—	3	—	—	1	—	—	17	0		
105	12	14	16	34	16	34	16	35	16	59	17	01	e17	04	373	558	282	3	3	2	25	0
106	12	16	01	10	e01	11	01	10	01	31	01	31	34	25	20	0	1	1	21	0		
107	12	16	31	59	—	—	⊕	—	32	21	e32	22	3	3	⊕	1	1	⊕	22	0		
108	12	18	48	08	48	08	48	08	48	28	48	30	23	15	14	1	1	1	20	0		
109	12	21	49	20	—	—	—	—	49	34	e49	36	6	5	—	1	1	—	15	0		
110	13	e0	09	07	—	—	—	—	e09	24	—	—	2	—	—	2	—	—	17	0		

EARTHQUAKES, 1962.



No.	Date 1962	P					S					Maximum Amplitude			Period			P~S	Intensity	Epicenter and Remarks						
		E	W	N	S	Z	E	W	N	S	Z	E	W	N	S	Z	E				W	N	S	Z		
111	Apr. 13	h 3	m 17	s 48	—	—	—	—	—	—	18	09	e18	12	—	—	—	2	—	—	1	—	—	21	0	
112	13	6	47	36	—	—	—	—	—	—	48	06	—	—	—	—	—	2	—	—	1	—	—	30	0	
113	13	8	17	12	e17	16	e17	10	—	—	17	43	17	40	17	40	50	35	22	2	1	2	29	0		
114	13	e8	23	54	—	—	—	—	—	—	24	09	24	08	e24	10	—	7	10	8	2	1	2	14	0	
115	13	9	25	11	—	—	⊕	—	—	—	25	38	e25	29	⊕	—	—	4	3	⊕	2	1	⊕	27	0	
116	13	9	35	01	—	—	—	—	—	—	35	21	35	25	e35	19	—	9	5	4	1	1	1	20	0	
117	13	15	23	13	—	—	e23	12	—	—	23	36	23	35	e23	31	—	5	5	4	1	1	1	23	0	
118	13	15	36	12	36	13	36	12	—	—	36	35	36	37	36	35	20	10	12	1	1	1	23	0		
119	14	1	14	26	—	—	—	—	—	—	14	48	14	50	e14	47	—	5	3	2	1	2	1	23	0	
120	14	7	55	12	+	—	55	13	—	—	55	50	+	—	—	—	37	+	24	1	+	1	38	0		
121	14	14	10	18	—	—	—	—	—	—	e10	48	—	—	—	—	5	—	—	2	—	—	30	0		
122	14	19	29	23	—	—	—	—	—	—	e29	55	e29	58	—	—	6	8	—	1	2	—	32	0		
123	14	19	39	10	—	—	—	—	—	—	39	36	e39	36	e39	31	—	5	3	2	2	2	1	26	0	
124	15	1	50	31	50	32	50	30	—	—	50	51	50	52	50	51	166	100	82	1	2	1	20	0		
125	15	3	43	28	43	29	43	29	—	—	44	08	44	09	44	05	85	75	36	3	2	2	41	0		
126	15	6	55	21	e55	24	e55	18	—	—	e55	50	e55	50	e55	48	8	13	8	1	2	2	29	0		
127	15	16	33	00	33	00	e33	02	—	—	33	28	33	32	33	32	27	28	28	1	1	1	28	0		
128	16	22	15	33	—	—	—	—	—	—	15	52	—	—	—	—	1	—	—	1	—	—	19	0		
129	16	22	22	17	22	20	22	15	—	—	23	44	23	48	23	46	110	98	42	5	4	2	87	0		
130	18	3	50	07	e50	09	50	07	—	—	e50	43	50	42	50	41	20	28	20	2	2	1	36	0		
131	18	i 5	54	36	i54	36	i54	34	—	—	54	56	55	01	54	56	278	200	180	1	1	1	21	I		
132	19	17	10	00	10	00	09	59	—	—	10	25	10	24	e10	24	52	25	24	2	1	1	24	0		
133	19	21	23	01	—	—	—	—	—	—	23	15	23	16	e23	18	4	3	2	1	2	1	14	0		
134	20	22	—	—	—	—	—	—	—	—	18	13	—	—	e18	18	4	—	2	1	—	1	—	0		
135	21	3	26	02	—	—	—	—	—	—	26	14	26	15	26	14	8	3	4	1	0	1	12	0		
136	22	i16	12	05	12	05	12	04	—	—	12	18	12	20	12	18	85	55	18	0	0	2	13	0		
137	22	21	58	44	—	—	⊕	—	—	—	59	03	e59	03	⊕	—	5	—	⊕	1	—	⊕	19	0		
138	23	e 3	10	26	—	—	e10	30	—	—	10	58	10	58	10	56	6	3	4	1	1	1	32	0		
139	23	i 3	51	11	e51	09	i51	10	—	—	51	45	51	47	51	46	58	48	38	2	2	2	34	0		
140	23	i12	55	29	⊕	—	55	28	—	—	56	04	56	04	e56	08	49	50	28	2	2	2	36	0		
141	23	14	31	58	—	—	31	58	—	—	i32	11	32	10	32	09	30	20	10	0	2	1	13	0		
142	23	14	59	11	59	12	i59	11	—	—	⊕	—	⊕	—	60	03	⊕	⊕	⊕	⊕	⊕	⊕	52	III		
143	24	e 9	12	39	e12	55	e12	50	—	—	e13	19	e13	16	e13	16	6	6	6	1	12	2	40	0		
144	24	e 9	18	49	18	45	18	44	—	—	19	18	19	15	19	17	8	4	6	1	1	1	30	0		
145	26	i 0	47	54	47	54	i47	54	—	—	⊕	—	48	13	48	12	⊕	1943	⊕	⊕	2	⊕	19	II		
146	26	4	50	19	+	—	i50	17	—	—	50	37	+	—	50	39	92	+	60	0	+	2	18	0		
147	27	1	57	24	—	—	e57	23	—	—	e57	56	—	—	e57	55	4	3	2	1	1	1	33	0		
148	28	e 2	20	05	e20	04	⊕	—	—	—	20	35	20	28	⊕	—	9	5	⊕	2	2	⊕	24	0		
149	28	e 2	23	46	—	—	⊕	—	—	—	24	15	e24	15	⊕	—	6	3	⊕	3	2	⊕	29	0		
150	28	15	29	29	—	—	—	—	—	—	29	58	e29	56	e29	57	8	3	2	1	1	1	29	0		
151	28	e18	03	11	—	—	—	—	—	—	03	47	03	46	e03	49	10	3	4	1	1	1	37	0		
152	29	e11	17	40	—	—	—	—	—	—	17	55	—	—	—	—	4	—	—	1	—	—	16	0		
153	30	i11	26	33	i26	32	+	—	—	—	⊕	—	⊕	—	+	—	⊕	⊕	+	⊕	⊕	+	⊕	IV		
154	30	12	—	—	—	—	—	—	—	—	00	40	00	39	00	39	5	5	2	1	1	0	—	0		
155	30	12	—	—	—	—	—	—	—	—	00	58	—	—	—	—	5	—	—	1	—	—	—	0		
156	30	12	—	—	—	—	—	—	—	—	09	12	—	—	—	—	3	—	—	1	—	—	—	0		
157	30	12	—	—	—	—	—	—	—	—	10	00	—	—	—	—	5	—	—	2	—	—	—	0		
158	30	12	—	—	—	—	—	—	—	—	13	00	—	—	—	—	1	—	—	1	—	—	—	0		
159	30	12	17	32	e17	32	17	30	—	—	—	—	—	—	17	36	26	25	20	1	2	1	6	0		
160	30	12	—	—	—	—	—	—	—	—	24	24	—	—	—	—	4	—	—	1	—	—	—	0		
161	30	12	—	—	—	—	—	—	—	—	25	14	—	—	—	—	5	—	—	1	—	—	—	0		
162	30	12	—	—	—	—	—	—	—	—	53	50	—	—	e53	49	13	—	2	1	—	0	—	0		
163	30	13	—	—	—	—	e05	44	—	—	05	46	05	46	05	47	16	20	2	1	0	0	3	0		
164	30	13	—	—	—	—	—	—	—	—	07	08	—	—	06	59	13	—	2	1	—	0	—	0		
165	30	13	16	14	16	12	16	11	—	—	—	—	16	17	16	17	41	50	24	1	1	1	5	0		

EARTHQUAKES, 1962.



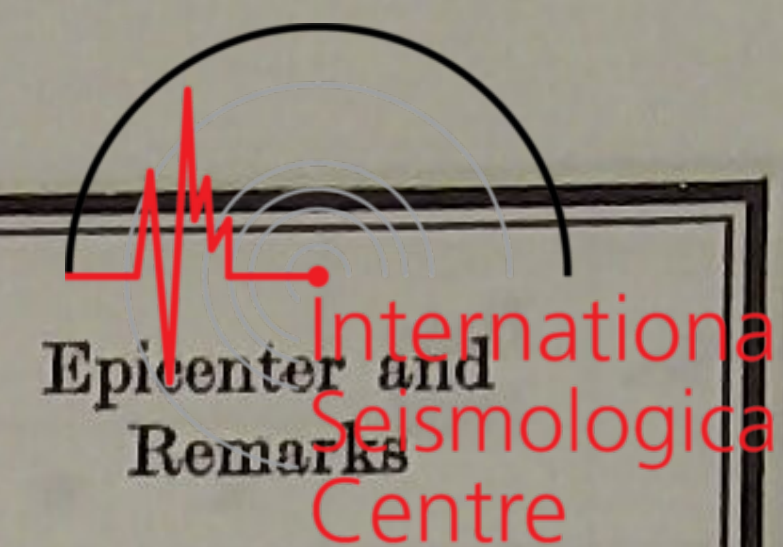
No.	Date 1962	P						S						Maximum Amplitude			Period			P~S	Intensity	Epicenter and Remarks			
		E	W	N	S	Z	E	W	N	S	Z	E	W	N	S	Z	E	W	N				S	Z	
166	Apr. 30	h 13	m 25	s 44	m 25	s 40	m 25	s 40	—	—	m 25	s 46	m 25	s 46	m 25	s 46	μ 36	μ 50	μ 24	s 2	s 0	s 1	s 6	0	
167	30	13	—	—	—	—	—	—	59	08	59	07	59	09	15	13	6	1	1	1	1	1	—	0	
168	30	14	—	—	—	—	—	—	13	44	13	44	13	44	—	—	4	—	—	—	—	1	—	0	
169	30	14	—	—	—	—	35	21	35	27	35	27	35	27	50	13	6	0	1	1	1	1	6	0	
170	30	e15	04	14	—	—	—	—	04	20	—	—	—	—	4	—	—	1	—	—	—	—	6	0	
171	30	e15	04	38	—	—	—	—	04	46	—	—	—	—	4	—	—	2	—	—	—	—	8	0	
172	30	15	—	—	—	—	—	—	35	14	35	13	35	12	11	3	2	1	1	0	—	—	—	0	
173	30	i16	55	37	i55	36	i55	35	⊕	e55	43	55	41	⊕	250	122	⊕	3	1	5	—	—	II		
174	30	17	—	—	—	—	—	—	e05	58	—	—	—	—	4	—	—	2	—	—	—	—	—	0	
175	30	e18	49	18	e49	18	e49	14	e54	03	—	—	—	—	—	—	—	—	—	—	—	—	245	0	
176	30	e19	38	56	—	—	—	—	39	02	39	01	—	—	11	13	—	1	1	—	—	—	6	0	
177	30	20	—	—	—	—	—	—	14	04	—	—	—	—	10	—	—	1	—	—	—	—	—	0	
178	30	22	46	53	e46	54	46	53	46	59	46	59	46	58	55	28	14	0	0	1	7	—	—	0	
179	30	22	—	—	—	—	—	—	56	02	—	—	—	—	6	—	—	1	—	—	—	—	—	0	
180	30	23	—	—	—	—	—	—	13	02	—	—	—	—	10	—	—	1	—	—	—	—	—	0	
181	30	23	23	54	e23	54	e23	56	24	19	24	22	e24	17	15	5	10	2	1	1	25	—	—	0	
182	May 1	e 1	09	32	—	—	—	—	e09	38	—	—	—	—	4	—	—	2	—	—	6	—	—	0	
183	1	2	—	—	—	—	—	—	58	20	—	—	—	—	5	—	—	1	—	—	—	—	—	0	
184	1	3	—	—	—	—	—	—	56	16	—	—	—	—	2	—	—	1	—	—	—	—	—	0	
185	1	4	—	—	—	—	—	—	27	36	—	—	—	—	3	—	—	1	—	—	—	—	—	0	
186	1	5	42	50	—	—	—	—	42	22	—	—	—	—	10	—	—	1	—	—	32	—	—	0	
187	1	7	08	56	—	—	—	—	09	04	—	—	—	—	3	—	—	1	—	—	8	—	—	0	
188	1	7	—	—	—	—	—	—	20	24	—	—	20	23	15	—	—	0	—	—	—	—	—	0	
189	1	7	41	41	41	43	41	42	e41	47	41	49	41	48	123	93	64	0	1	2	7	—	—	I	
190	1	8	15	20	—	—	—	—	15	24	—	—	—	—	5	—	—	2	—	—	4	—	—	0	
191	1	10	—	—	—	—	—	—	45	06	—	—	—	—	11	—	—	1	—	—	—	—	—	0	
192	1	11	07	54	—	—	—	—	08	00	—	—	—	—	9	—	—	1	—	—	6	—	—	0	
193	1	12	15	21	15	21	—	—	15	27	15	27	—	—	15	5	—	1	1	—	6	—	—	0	
194	1	13	—	—	—	—	—	—	03	23	03	22	—	—	15	—	—	1	—	—	—	—	—	0	
195	1	13	—	—	—	—	—	—	03	34	03	35	—	—	27	13	—	0	1	—	—	—	—	0	
196	1	14	13	30	—	—	—	—	13	36	—	—	—	—	8	—	—	1	—	—	7	—	—	0	
197	1	20	—	—	—	—	—	—	11	04	—	—	—	—	2	—	—	1	—	—	—	—	—	0	
198	1	20	27	18	—	—	—	—	27	23	—	—	—	—	5	—	—	1	—	—	5	—	—	0	
199	1	20	41	55	e41	56	41	54	42	01	42	01	42	00	23	18	6	0	0	1	6	—	—	0	
200	1	21	—	—	—	—	—	—	10	56	—	—	—	—	6	—	—	1	—	—	—	—	—	0	
201	1	21	—	—	—	—	—	—	58	53	—	—	—	—	4	—	—	1	—	—	—	—	—	0	
202	1	22	30	31	—	—	—	—	30	37	+	e30	36	15	+	4	0	+	1	7	—	—	0		
203	1	23	16	52	—	—	—	—	16	58	—	—	—	—	5	—	—	1	—	—	6	—	—	0	
204	2	0	48	19	—	—	—	—	48	26	—	—	—	—	4	—	—	1	—	—	7	—	—	0	
205	2	1	31	28	—	—	—	—	31	35	—	—	—	—	6	—	—	1	—	—	7	—	—	0	
206	2	2	28	39	—	—	—	—	28	45	—	—	—	—	5	—	—	1	—	—	6	—	—	0	
207	2	2	38	54	—	—	38	55	39	01	—	—	39	02	13	—	12	2	—	1	7	—	—	0	
208	2	2	—	—	—	—	—	—	43	16	—	—	—	—	4	—	—	2	—	—	—	—	—	0	
209	2	4	—	—	—	—	—	—	15	06	—	—	—	—	2	—	—	2	—	—	—	—	—	0	
210	2	i5	23	33	23	33	23	33	23	39	23	41	23	39	100	45	66	0	2	2	6	—	—	II	
211	2	7	—	—	—	—	—	—	e45	36	—	—	—	—	4	—	—	1	—	—	—	—	—	0	
212	2	11	43	12	—	—	e43	10	43	17	43	18	43	16	15	5	4	1	1	1	6	—	—	0	
213	2	e13	48	21	e48	20	+	e48	25	48	28	+	e48	25	18	13	+	2	1	+	4	—	—	0	
214	2	16	—	—	—	—	—	—	25	22	—	—	—	—	3	—	—	1	—	—	—	—	—	0	
215	2	19	—	—	—	—	—	—	e13	30	—	—	—	—	1	—	—	1	—	—	—	—	—	0	
216	2	22	52	51	—	—	52	51	52	57	52	59	52	57	35	15	4	0	1	0	6	—	—	0	
217	3	6	—	—	—	—	—	—	e32	34	—	—	—	—	3	—	—	1	—	—	—	—	—	0	
218	3	i11	39	01	e39	01	e39	07	39	49	39	49	e39	50	38	25	30	2	2	2	38	—	—	0	
219	3	14	40	21	—	—	—	—	e40	42	—	—	—	—	3	—	—	2	—	—	21	—	—	0	
220	4	14	49	39	—	—	49	39	50	13	50	15	50	16	28	18	12	1	1	1	34	—	—	0	

EARTHQUAKES, 1962.



No.	Date 1962	P						S						Maximum Amplitude			Period			P~S	Intensity	Epicenter and Remarks
		E	W	N	S	Z	E	W	N	S	Z	EW	NS	Z	EW	NS	Z					
221	May 4	h	m	s	m	s	m	s	m	s	m	s	μ	μ	μ	s	s	s	s			
222	5	19	27	18	—	—	—	—	27	40	—	—	3	—	—	2	—	—	23	0		
223	5	4	09	12	e09	11	e09	12	e09	18	09	17	51	98	26	0	0	0	5	0		
224	5	i 8	41	21	41	21	41	21	e41	29	e41	29	213	125	48	3	3	2	7	0		
225	5	20	13	07	13	03	13	07	14	01	14	03	90	80	26	3	2	1	55	0		
226	5	e20	42	15	—	—	—	—	42	35	—	—	7	—	—	2	—	—	20	0		
227	6	1	—	—	—	—	—	—	45	07	45	05	13	13	8	2	1	1	—	0		
228	7	18	40	41	—	—	⊕	—	41	07	—	—	5	—	⊕	2	—	⊕	26	0		
229	7	20	00	19	00	19	00	19	00	25	00	26	43	40	6	0	0	0	6	0		
230	7	20	40	25	—	—	—	—	40	29	—	—	7	—	2	1	—	1	4	0		
231	7	21	—	—	—	—	—	—	02	53	—	—	4	—	—	1	—	—	—	0		
232	8	i 2	41	38	i 41	39	41	38	44	09	44	08	e44	04	435	993	20	14	25	2	151	0
233	8	4	16	17	16	17	16	16	16	21	16	22	40	23	8	0	0	1	4	0		
234	8	e11	41	00	—	—	—	—	41	19	—	—	8	—	4	1	—	1	19	0		
235	8	14	—	—	—	—	—	—	05	25	—	—	5	—	2	1	—	1	—	0		
236	8	17	14	54	17	53	e14	51	e15	25	e15	25	15	13	6	2	2	1	31	0		
237	8	17	24	59	24	59	e24	58	25	05	25	05	19	25	12	0	0	1	6	0		
238	8	e20	42	32	—	—	—	—	42	59	—	—	2	—	—	1	—	—	27	0		
239	9	e 1	26	30	—	—	⊕	—	27	26	27	27	5	1	⊕	1	1	⊕	56	0		
240	9	3	—	—	—	—	—	—	49	05	—	—	3	—	—	1	—	—	—	0		
241	9	e 7	54	11	—	—	—	—	e54	17	e54	16	2	3	—	1	1	—	7	0		
242	9	21	11	12	11	10	+	—	11	16	11	16	38	58	+	0	0	+	5	I		
243	11	e21	59	34	—	—	—	—	59	56	59	57	10	3	4	1	1	1	22	0		
244	12	2	—	—	—	—	—	—	11	43	—	—	3	—	—	2	—	—	—	0		
245	12	8	48	08	e48	15	—	—	48	17	48	18	16	15	8	0	0	2	9	0		
246	12	i 9	43	34	e43	37	43	37	44	07	44	07	e44	11	36	28	34	2	2	2	33	0
247	13	18	58	50	—	—	—	—	i 58	55	e58	56	—	—	—	14	—	4	5	0		
248	13	21	25	31	25	30	e25	30	i 25	45	25	45	27	23	20	1	1	1	14	0		
249	14	i 3	49	04	i 49	02	49	02	i 49	09	49	08	117	150	44	2	3	1	5	II		
250	14	4	11	24	11	25	11	24	i 11	31	11	30	e11	31	26	23	10	0	7	0		
251	14	9	35	10	35	12	35	11	35	16	35	18	43	30	12	0	0	2	6	0		
252	15	e 0	19	59	—	—	e19	56	20	32	20	32	14	5	6	1	2	1	33	0		
253	15	6	08	14	—	—	—	—	09	17	—	—	2	—	—	1	—	—	3	0		
254	15	12	35	23	35	24	e35	23	35	52	35	54	16	20	14	1	2	1	29	0		
255	15	14	32	24	e32	26	32	24	39	20	e39	07	⊕	42	1093	⊕	12	32	⊕	416	0	
256	15	e15	51	41	—	—	—	—	e52	41	—	—	3	—	—	2	—	—	60	0		
257	15	21	—	—	—	—	—	—	e55	37	—	—	3	—	—	1	—	—	—	0		
258	19	8	29	48	29	48	29	50	29	54	29	53	e29	54	35	25	20	2	2	1	6	0
259	20	3	08	40	—	—	—	—	08	45	e08	41	15	8	10	0	2	1	5	0		
260	20	4	31	56	31	55	31	56	32	02	32	02	45	30	24	2	2	1	6	0		
261	20	e 9	07	14	—	—	—	—	e07	35	e07	33	3	3	—	2	2	—	21	0		
262	20	13	35	30	—	—	⊕	—	35	38	35	37	⊕	19	20	⊕	0	0	⊕	8	0	
263	21	21	09	50	e09	56	e09	53	e15	29	e15	31	17	450	—	2	27	—	339	0		
264	21	21	22	06	22	07	e22	01	22	35	e22	37	108	105	86	1	2	2	29	0		
265	22	e 0	45	08	—	—	—	—	45	16	45	15	18	25	6	0	0	1	8	0		
266	22	e 2	27	13	27	14	27	12	e27	39	27	33	44	40	30	3	2	1	10	0		
267	22	6	26	14	26	15	26	11	e34	47	34	51	14	118	—	4	29	—	518	0		
268	22	6	54	15	—	—	—	—	e59	30	—	—	—	—	—	—	—	—	266	0		
269	22	e17	16	09	e16	09	16	07	—	—	—	—	—	—	—	—	—	—	174	0		
270	23	18	—	—	—	—	—	—	05	22	—	—	—	—	—	—	—	—	—	0		
271	29	e15	34	58	—	—	—	—	e35	08	e35	06	4	—	—	1	—	—	—	0		
272	29	16	04	07	e04	08	04	05	04	18	04	19	36	35	20	0	0	1	11	0		
273	29	21	50	32	—	—	e50	31	e50	48	e50	50	30	18	6	3	2	1	12	0		
274	29	23	14	02	—	—	—	—	14	30	e14	32	5	5	4	1	1	1	28	0		
275	31	2	59	37	—	—	—	—	59	49	e59	51	6	3	4	1	1	1	12	0		
275	31	15	32	14	32	14	32	14	35	15	35	18	197	103	46	7	5	2	181	0		

EARTHQUAKES, 1962.



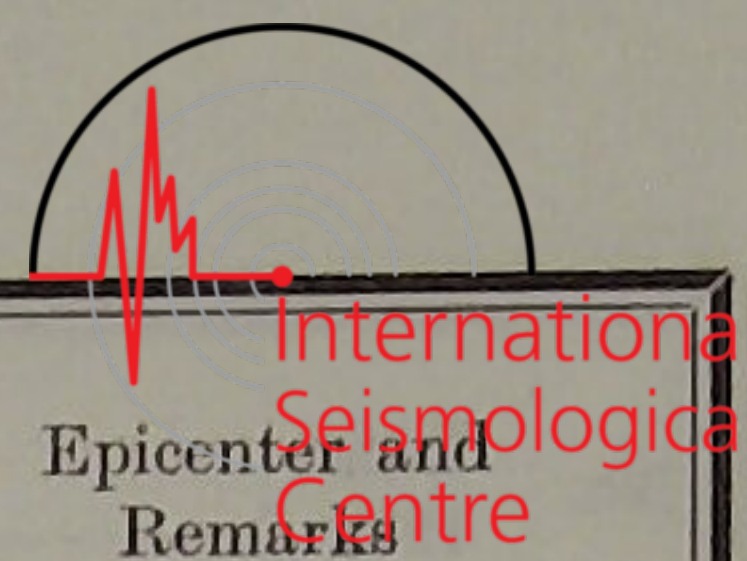
No.	Date 1962	P					S					Maximum Amplitude			Period			P~S	Intensity	Epicenter and Remarks							
		E	W	N	S	Z	E	W	N	S	Z	E	W	N	S	Z	E				W	N	S	Z			
276	Jun. 1	h	m	s	m	s	m	s	m	s	m	s	μ	μ	μ	s	s	s	s								
		6	44	18	—	—	—	—	—	—	—	—	11	10	10	2	1	2	24	0							
277	1	e	9	07	40	—	—	—	—	—	—	—	5	5	4	2	2	1	43	0							
278	1	12	—	—	—	—	—	—	—	—	—	—	3	3	2	2	1	1	—	0							
279	2	23	18	25	—	—	e	18	25	i	18	30	17	15	10	1	1	1	5	0							
280	3	e	2	18	23	e	18	24	e	18	25	—	—	—	—	—	—	—	—	0							
281	3	10	—	—	—	—	—	—	—	—	—	—	4	—	—	1	—	—	—	0							
282	3	e	19	15	03	15	01	15	00	15	10	15	10	e	15	05	55	50	24	1	0	1	9	I			
283	3	e	19	16	02	15	58	15	58	16	06	16	04	16	04	97	115	64	2	3	1	6	II				
284	4	12	18	03	18	03	e	18	05	18	22	e	18	23	e	18	21	5	5	4	2	2	1	19	0		
285	6	e	5	07	02	—	—	—	—	07	38	—	—	e	07	37	2	—	2	1	—	1	36	0			
286	7	e	4	40	18	—	—	—	—	41	33	41	32	e	41	33	5	3	4	2	0	1	14	0			
287	7	i	21	47	34	47	33	47	34	i	47	40	i	47	39	e	47	39	46	30	14	0	0	1	6	I	
288	9	i	1	04	50	04	51	i	04	50	i	05	07	e	05	07	05	03	54	30	28	0	0	1	16	I	
289	9	19	—	—	—	—	—	—	—	58	09	—	—	—	—	—	—	—	1	—	—	1	—	—	—	0	
290	10	11	58	57	—	—	e	58	57	59	02	59	00	e	59	02	40	18	4	0	0	1	5	0			
291	10	17	27	23	—	—	—	—	—	27	46	—	—	—	—	—	—	—	2	—	—	1	—	—	24	0	
292	12	5	—	—	—	—	—	—	—	e	38	36	—	—	—	—	—	—	2	—	—	2	—	—	—	0	
293	13	4	55	46	—	—	—	—	—	55	59	—	—	—	—	—	—	—	3	—	—	1	—	—	14	0	
294	13	7	57	23	—	—	e	57	23	57	28	57	28	57	27	26	15	8	0	1	1	1	6	0			
295	14	4	—	—	—	—	—	—	—	52	42	52	43	e	52	43	8	5	2	1	1	—	—	—	0		
296	14	6	—	—	—	—	—	—	—	e	59	59	—	—	—	—	—	—	2	—	—	1	—	—	—	0	
297	14	e	15	37	31	—	—	—	—	e	37	38	—	—	—	—	—	—	3	—	—	1	—	—	7	0	
298	14	16	57	13	57	11	57	10	61	09	61	07	61	08	10	18	8	2	15	2	236	2	182	0			
299	15	e	7	18	27	e	18	40	—	—	—	—	—	—	—	—	—	5	23	—	3	13	—	182	0		
300	15	13	16	25	e	16	26	16	25	16	31	16	32	16	31	46	30	14	0	0	1	6	0				
301	16	e	6	30	35	—	—	30	35	31	20	31	20	31	19	15	8	12	1	1	1	46	0				
302	17	13	25	38	—	—	—	—	—	26	00	e	26	00	e	26	01	10	5	8	1	1	1	22	0		
303	19	16	23	57	23	59	23	58	24	14	e	24	15	e	24	14	28	23	16	2	3	2	17	0			
304	20	e	20	49	00	—	—	—	—	49	19	e	49	18	e	49	18	5	3	2	2	1	1	19	0		
305	21	5	34	38	—	—	—	—	—	35	04	e	35	03	—	—	—	—	5	5	—	1	1	—	27	0	
306	22	10	53	22	—	—	—	—	—	53	48	53	45	e	53	47	6	5	4	1	1	1	26	0			
307	22	20	50	40	e	50	39	e	50	38	51	51	e	51	50	e	51	52	10	10	4	2	2	1	72	0	
308	23	e	13	24	17	24	17	24	17	24	39	24	37	24	38	30	25	14	0	3	1	22	0				
309	23	18	48	41	48	40	e	48	40	52	02	51	57	e	52	11	15	90	6	3	19	2	196	0			
310	23	19	04	01	e	04	03	e	04	04	—	—	—	—	—	—	—	—	—	—	—	—	—	0			
311	24	7	51	44	—	—	—	—	—	52	25	e	52	25	—	—	—	—	3	3	—	2	2	—	41	0	
312	24	e	10	21	33	—	—	—	—	e	21	59	—	—	—	—	—	—	2	—	—	2	—	—	26	0	
313	24	19	—	—	—	—	—	—	—	55	04	—	—	—	—	—	—	—	2	—	—	1	—	—	—	0	
314	25	e	1	38	06	—	—	—	—	38	44	e	38	44	e	38	42	5	5	4	2	2	1	38	0		
315	25	e	17	59	32	—	—	—	—	e	59	58	—	—	—	—	—	—	2	—	—	1	—	—	26	0	
316	25	e	20	15	10	e	15	16	e	15	19	19	18	e	19	18	15	123	—	4	18	—	248	0			
317	25	e	23	11	01	—	—	—	—	11	11	—	—	—	—	—	—	—	3	—	—	1	—	—	10	0	
318	26	1	—	—	—	—	—	—	—	38	29	—	—	—	—	—	—	—	5	—	—	1	—	—	—	0	
319	28	e	0	12	19	—	—	—	—	e	12	52	12	54	e	12	51	6	5	2	2	2	1	35	0		
320	29	2	52	28	—	—	—	—	—	53	22	e	53	23	—	—	—	—	5	3	—	1	0	—	54	0	
321	29	3	58	20	e	58	22	58	17	64	35	e	64	36	—	—	—	—	—	—	—	—	—	375	0		
322	29	6	46	15	46	15	46	15	46	22	e	46	22	46	23	100	75	34	3	3	2	7	1	—			
323	29	8	10	17	e	10	17	—	—	10	37	e	10	36	e	10	35	10	8	4	3	2	1	20	0		
324	30	i	0	48	39	i	48	40	48	42	i	48	57	i	48	56	e	48	57	53	45	34	0	0	2	17	0
325	30	e	3	13	48	—	—	—	—	e	14	32	—	—	—	—	—	—	1	—	—	2	—	—	44	0	
326	30	e	10	11	02	—	—	—	—	12	01	e	12	03	e	12	02	5	5	4	2	2	1	59	0		
327	Jul. 6	e	2	12	51	—	—	—	—	44	17	e	44	16	e	44	18	11	25	8	4	10	2	86	0		
328	7	8	14	43	14	42	14	41	22	04	22	02	e	22	04	33	48	10	2	7	2	441	0				
329	7	15	18	47	e	18	44	18	44	e	23	34	—	—	—	—	—	—	—	—	—	—	—	287	0		
330	13	10	—	—	—	—	—	—	—	e	28	29	e	28	30	e	28	29	5	3	2	1	1	1	—	0	

EARTHQUAKES, 1962.



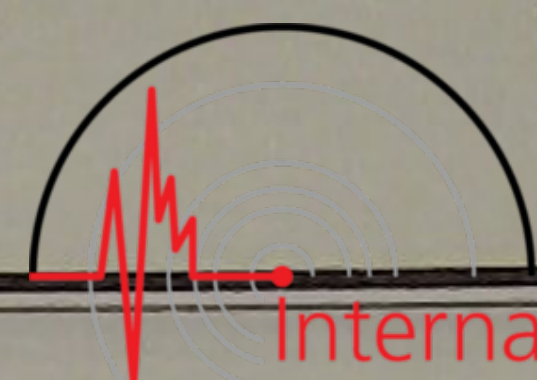
No.	Date 1962	P					S					Maximum Amplitude			Period			P~S	Intensity	Epicenter and Remarks			
		E	W	N	S	Z	E	W	N	S	Z	EW	NS	Z	EW	NS	Z						
331	Jul. 15	i ^h 15	47	38	i ^m 47	37	i ^m 47	38	e ^m 47	48	47	48	i ^m 47	51	⊕	1133	1678	⊕	2	2	11	II	
332	16	i ^h 0	13	08	i ^m 13	08	13	08	13	28	i ^m 13	29	e ^m 13	28	187	168	128	0	2	1	21	I	
333	16	22	—	—	—	—	—	—	e ^m 03	02	—	—	—	—	2	—	—	3	—	—	—	0	
334	17	10	36	04	e ^m 36	04	36	01	36	08	i ^m 36	10	e ^m 36	05	50	33	10	0	0	1	6	0	
335	18	2	21	34	21	34	21	35	22	25	22	25	e ^m 22	24	134	90	82	3	1	2	51	0	
336	19	13	58	15	—	—	e ^m 58	14	58	22	58	22	e ^m 58	22	8	5	4	1	1	1	7	0	
337	20	i ^h 7	06	01	i ^m 06	00	i ^m 06	00	06	12	06	14	i ^m 06	12	105	168	130	0	1	2	11	I	
338	20	9	01	55	—	—	+	—	02	25	02	26	+	—	21	5	+	0	2	+	29	0	
339	26	e ^m 17	35	08	e ^m 35	02	—	—	e ^m 44	35	44	34	—	—	3	85	—	19	22	—	572	0	
340	27	e ^m 3	46	21	—	—	e ^m 46	21	e ^m 47	24	47	19	e ^m 47	19	9	10	6	2	2	1	58	0	
341	27	4	—	—	—	—	—	—	51	20	—	—	—	—	3	—	—	1	—	—	—	0	
342	27	17	29	44	29	47	29	43	30	13	30	12	30	12	33	25	18	2	1	1	28	0	
343	29	i ^h 4	43	41	43	37	43	39	44	12	44	07	44	11	193	183	100	2	2	1	31	0	
344	29	5	48	24	—	—	—	—	e ^m 49	33	49	43	49	44	6	5	10	2	2	1	79	0	
345	29	e ^m 6	55	39	—	—	e ^m 55	40	56	17	56	16	56	15	25	18	16	1	1	1	38	0	
346	30	i ^h 19	51	17	i ^m 51	20	i ^m 51	19	i ^m 51	25	i ^m 51	30	51	28	265	190	140	0	0	2	10	I	
347	31	2	24	44	24	43	24	38	31	03	31	04	—	—	25	93	—	10	29	—	381	0	
348	31	e ^m 14	11	58	e ^m 12	00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	
349	31	16	23	16	e ^m 23	14	23	16	23	40	23	38	e ^m 23	39	64	50	36	2	2	1	21	0	
350	31	18	32	02	—	—	e ^m 32	02	32	22	e ^m 32	27	e ^m 32	25	10	8	6	2	1	1	20	0	
351	Aug. 1	5	26	32	—	—	e ^m 26	31	26	44	26	43	e ^m 26	42	11	3	4	1	1	1	12	0	
352	1	e ^m 7	37	55	—	—	—	—	38	11	—	—	—	—	3	—	—	1	—	—	16	0	
353	1	13	45	01	e ^m 45	01	e ^m 44	56	—	—	—	—	—	—	—	48	—	—	18	—	—	0	
354	3	13	00	58	—	—	e ^m 00	57	01	35	—	—	e ^m 01	36	10	5	4	3	2	2	38	0	
355	3	18	15	56	15	57	+	—	e ^m 16	22	e ^m 16	18	e ^m 16	22	20	28	20	3	3	2	26	0	
356	5	e ^m 22	53	50	—	—	—	—	e ^m 54	21	e ^m 54	21	—	—	2	3	—	1	1	—	31	0	
357	6	i ^h 18	23	46	i ^m 23	46	i ^m 23	45	23	54	i ^m 23	54	23	54	68	100	38	0	0	1	9	I	
358	7	19	44	00	e ^m 43	56	⊕	—	e ^m 44	25	e ^m 44	28	⊕	—	4	5	6	2	3	1	25	0	
359	9	2	56	12	56	11	56	10	56	33	56	34	e ^m 56	32	43	25	18	2	2	1	22	0	
360	9	e ^m 18	31	32	—	—	+	—	e ^m 31	58	—	—	+	—	2	—	+	1	—	+	26	0	
361	10	23	48	04	—	—	—	—	48	34	e ^m 48	36	e ^m 48	35	5	5	2	2	2	1	31	0	
362	11	17	20	08	20	08	e ^m 20	12	23	46	23	52	23	56	66	50	38	4	3	3	218	0	
363	15	11	47	22	e ^m 47	23	—	—	48	40	48	40	48	41	3	5	4	1	1	1	78	0	
364	17	e ^m 14	11	11	e ^m 11	18	e ^m 11	08	e ^m 16	42	—	—	—	—	—	23	—	—	21	—	331	0	
365	19	i ^h 4	20	36	i ^m 20	36	i ^m 20	36	20	42	20	40	20	41	264	268	124	2	2	2	4	II	
366	19	7	—	—	17	07	e ^m 17	05	17	09	17	11	17	09	29	25	16	0	3	1	4	0	
367	19	13	—	—	—	—	—	—	e ^m 10	20	e ^m 10	21	e ^m 10	19	5	5	4	2	2	1	—	0	
368	19	23	42	28	42	27	42	28	42	40	42	40	e ^m 42	39	32	30	20	2	3	2	13	0	
369	21	e ^m 13	48	38	—	—	—	—	48	55	e ^m 48	52	48	54	6	8	4	1	3	1	17	0	
370	22	1	54	07	—	—	54	07	54	26	54	27	54	29	10	5	4	1	1	1	19	0	
371	26	15	50	14	e ^m 50	14	i ^m 50	13	51	32	51	37	51	32	225	140	36	5	3	2	79	0	
372	27	e ^m 7	36	31	e ^m 36	30	36	28	e ^m 37	52	e ^m 37	49	e ^m 37	41	13	20	12	3	3	2	81	0	
373	27	i ^h 11	19	50	i ^m 19	51	19	50	20	28	i ^m 20	29	i ^m 20	28	47	60	52	2	2	1	39	0	
374	28	i ^h 1	20	29	i ^m 20	29	20	28	20	49	i ^m 20	53	e ^m 20	51	360	308	260	3	2	1	20	0	
375	28	e ^m 9	31	04	e ^m 31	05	—	—	e ^m 32	19	e ^m 32	16	e ^m 32	20	15	18	6	3	3	2	75	0	
376	28	17	14	32	—	—	14	33	e ^m 15	43	e ^m 15	41	e ^m 15	37	35	28	12	5	2	2	69	0	
377	28	e ^m 20	12	23	e ^m 12	24	12	20	—	—	—	—	—	—	—	—	—	—	—	—	—	0	
378	28	20	—	—	—	—	—	—	e ^m 19	08	e ^m 19	04	—	—	10	—	—	3	—	—	—	0	
379	28	e ^m 20	55	49	—	—	—	—	e ^m 56	12	—	—	—	—	3	—	—	2	—	—	23	0	
380	30	e ^m 2	41	19	e ^m 41	24	41	00	e ^m 42	02	e ^m 41	49	41	44	11	18	4	4	2	2	63	0	
381	30	e ^m 4	20	25	—	—	—	—	e ^m 21	15	—	—	—	—	5	—	—	2	—	—	50	0	
382	30	e ^m 5	21	45	—	—	21	37	22	40	22	41	e ^m 22	41	20	23	10	5	3	1	64	0	
383	30	7	38	14	e ^m 38	12	38	13	39	08	39	09	39	11	165	118	42	5	3	2	55	0	
384	30	e ^m 20	23	04	—	—	—	—	24	17	e ^m 24	15	24	17	7	10	4	2	2	1	73	0	
385	30	e ^m 20	36	16	—	—	—	—	e ^m 37	25	—	—	—	—	2	—	—	2	—	—	67	0	

EARTHQUAKES, 1962.



No.	Date 1962	P					S					Maximum Amplitude			Period			P~S	Intensity	Epicenter and Remarks			
		E	W	N	S	Z	E	W	N	S	Z	E	W	N	S	Z	E				W	N	S
386	Aug. 30	h	m	s	m	s	m	s	m	s	m	s	μ	μ	μ	s	s	s	s				
387	Sep. 1	e22	47	28	—	—	e47	29	48	41	e48	40	48	41	21	25	10	2	3	2	73	0	
388	1	e 2	08	53	08	52	e08	50	e14	36	e14	39	—	—	—	28	—	—	22	—	—	344	0
389	1	3	32	26	—	—	⊕		32	44	32	41	⊕		5	3	⊕	1	0	⊕	18	0	
390	1	e12	47	55	e48	12	e47	49	e52	43	e52	37	—	—	—	13	—	—	14	—	—	288	0
391	1	e13	40	31	e40	37	—	—	41	47	e41	47	41	47	6	8	4	2	3	1	76	0	
392	1	14	02	00	e02	05	+		09	54	09	55	+		—	—	+	—	—	+	474	0	
393	2	e17	49	45	—	—	e49	49	50	54	e50	56	e50	55	6	3	4	2	2	2	69	0	
394	2	i 4	31	48	i31	47	i31	47	40	57	40	57	—	—	41	125	—	13	18	—	549	0	
395	3	e17	23	33	e23	34	e23	34	e26	02	e26	03	26	00	5	5	4	2	3	1	149	0	
396	4	e 5	58	42	—	—	—	—	e59	52	e59	52	e59	52	5	3	4	3	2	1	70	0	
397	4	e 1	52	19	e52	30	—	—	53	32	53	31	e53	32	6	8	4	2	2	1	73	0	
398	5	e 5	37	58	—	—	—	—	e39	30	e39	30	—	—	3	5	—	2	2	—	93	0	
399	5	15	40	00	—	—	—	—	40	14	40	14	40	14	11	3	6	1	1	1	15	0	
400	6	e20	38	14	—	—	38	07	e38	47	e38	41	e38	49	10	15	6	3	3	1	42	0	
401	7	e 2	39	57	—	—	—	—	e17	37	—	—	—	—	2	—	—	1	—	—	—	0	
402	7	e 2	39	57	—	—	—	—	40	53	40	57	e41	04	14	18	4	2	3	1	56	0	
403	7	e21	13	02	—	—	—	—	e05	53	e05	56	e05	51	10	10	4	5	3	2	—	0	
404	11	0	—	—	—	—	—	—	e13	55	e13	52	e13	50	9	13	4	2	3	2	53	0	
405	11	15	—	—	—	—	—	—	54	16	54	16	54	16	5	5	8	2	1	1	—	0	
406	13	6	06	33	06	34	06	32	41	34	—	—	—	—	3	—	—	1	—	—	—	0	
407	14	18	33	06	—	—	e33	05	e33	27	—	—	e33	25	4	—	2	1	—	1	21	0	
408	15	21	56	58	57	00	e56	59	57	16	57	20	57	21	9	10	6	2	1	1	18	0	
409	16	7	54	18	54	19	54	19	e57	04	e57	07	—	—	11	40	—	3	18	—	169	0	
410	19	9	08	44	08	43	08	43	10	05	10	01	10	06	6	5	4	1	1	1	81	0	
411	19	14	09	54	e09	52	09	51	11	37	11	35	11	39	9	5	12	2	2	2	103	0	
412	21	10	35	16	35	15	35	14	35	40	35	39	e35	38	83	75	64	2	2	2	23	0	
413	22	15	58	58	e59	09	e58	56	64	55	—	—	—	—	—	25	—	—	18	—	357	0	
414	23	3	01	36	01	38	01	35	02	06	02	07	02	06	30	25	24	2	2	2	30	0	
415	24	e 1	46	28	e46	35	—	—	e46	50	e46	51	e46	52	3	3	2	1	1	1	22	0	
416	24	e18	24	13	—	—	e24	12	e24	54	e24	55	e24	53	9	8	6	2	2	1	42	0	
417	24	23	39	43	39	39	39	36	40	19	40	30	40	30	88	55	50	0	2	1	52	0	
418	24	e23	47	04	e47	09	e47	10	47	44	47	44	47	42	16	18	16	2	2	1	40	0	
419	26	22	—	—	—	—	—	—	e32	42	—	—	—	—	3	—	—	2	—	—	—	0	
420	27	18	19	23	e19	21	e19	19	20	03	20	03	20	06	34	25	20	1	2	1	40	0	
421	30	12	—	—	—	—	—	—	e14	26	—	—	—	—	2	—	—	1	—	—	—	0	
422	Oct. 1	e12	14	38	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	
423	1	e21	25	15	—	—	—	—	e34	27	—	—	—	—	—	—	—	—	—	—	552	0	
424	3	20	—	—	—	—	—	—	e03	50	03	51	03	50	11	8	6	2	1	1	—	0	
425	4	i 5	15	28	15	27	15	26	i16	00	16	00	16	00	22	25	20	1	1	1	32	0	
426	5	i19	24	41	24	40	24	40	e24	49	i24	51	24	52	141	63	34	0	0	1	11	II	
427	6	2	45	29	e45	39	e45	32	e46	09	e46	09	46	09	23	25	12	2	3	1	40	0	
428	6	e13	33	46	e33	53	e33	48	e42	10	e41	57	—	—	—	60	—	—	29	—	491	0	
429	7	2	—	—	—	—	—	—	39	33	e39	35	39	32	6	3	2	1	2	1	—	0	
430	7	6	03	39	e03	39	03	37	03	47	03	47	03	48	27	10	8	0	1	1	8	0	
431	8	22	41	05	e41	05	41	03	41	32	e41	33	41	31	13	10	14	1	1	1	27	0	
432	8	22	47	35	e47	38	47	33	47	54	47	53	e47	55	16	10	14	2	1	1	19	0	
433	9	7	01	21	e01	35	01	21	e06	10	e05	55	e05	49	67	175	—	11	30	—	274	0	
434	9	i20	52	39	i52	40	i52	39	i52	51	52	50	i52	51	45	40	20	0	0	1	12	0	
435	10	e 4	37	48	—	—	—	—	e38	15	—	—	—	—	2	—	—	1	—	—	28	0	
436	13	17	16	45	—	—	—	—	17	01	e17	02	e17	02	8	5	4	1	1	1	16	0	
437	14	6	—	—	—	—	—	—	52	22	—	—	e52	24	5	—	4	1	—	1	—	0	
438	15	i 6	13	58	i13	58	13	59	14	07	i14	08	14	07	90	75	40	0	0	1	10	II	
439	16	12	10	40	10	41	10	41	10	52	10	53	10	53	32	28	18	0	1	1	11	0	
440	17	21	40	49	—	—	e40	50	41	57	41	57	e41	58	6	5	4	1	1	1	8	0	

EARTHQUAKES, 1962.

International
Seismological
Centre

No.	Date 1962	P						S						Maximum Amplitude			Period			P~S	Intensity	Epicenter and Remarks
		E	W	N	S	Z	E	W	N	S	Z	EW	NS	Z	EW	NS	Z					
441	Oct. 18	h	m	s	m	s	m	s	m	s	m	s	μ	μ	μ	s	s	s	s	0		
442	18	e17	43	14	—	—	43	10	44	49	44	49	e44	54	14	10	14	2	2	1	99	0
443	19	e20	25	04	—	—	e24	57	26	37	26	36	e26	41	7	5	8	2	1	1	100	0
444	22	8	—	—	—	—	—	—	25	49	e25	50	25	48	7	3	2	1	1	1	—	0
445	23	e 1	45	27	—	—	—	—	45	42	—	—	—	—	2	—	—	1	—	—	14	0
446	24	i 7	19	17	i19	17	i19	17	19	40	19	39	e19	42	85	85	50	1	2	1	22	0
447	25	7	28	51	—	—	—	—	e29	29	e29	27	e29	27	5	5	4	2	2	1	36	0
448	27	18	41	38	41	35	41	35	47	33	47	31	e47	42	16	15	—	5	4	—	356	0
449	29	19	16	57	e16	55	e16	54	17	29	e17	28	e17	32	15	13	12	2	2	1	32	0
450	Nov. 1	2	50	07	50	04	50	05	50	28	50	27	e50	31	38	38	28	2	2	2	22	0
451	2	23	54	51	e54	52	e54	55	e55	11	e55	16	e55	10	6	5	4	2	2	1	20	0
452	3	8	22	25	e22	24	22	24	23	27	23	24	23	26	28	23	40	1	2	1	61	0
453	4	0	01	02	01	00	01	00	e01	22	e01	24	e01	22	187	125	100	2	2	2	22	0
454	4	5	+	—	e58	51	+	—	+	—	e59	11	+	—	23	25	16	1	2	2	20	0
455	6	e14	01	05	e01	06	+	—	01	10	01	11	+	—	27	23	+	0	0	+	5	0
456	6	21	—	—	—	—	—	—	e13	08	—	—	—	—	2	—	—	1	—	—	—	0
457	9	e22	49	12	—	—	—	—	49	20	49	22	e49	19	20	8	6	0	1	1	8	0
458	9	e 6	39	23	—	—	—	—	e39	51	—	—	—	—	3	—	—	2	—	—	28	0
459	9	e 7	07	41	—	—	—	—	07	53	—	—	e07	55	3	—	2	1	—	1	12	0
460	9	15	13	51	—	—	e13	50	14	19	14	19	+	—	11	10	12	2	2	1	28	0
461	10	i10	34	54	34	57	e34	53	i36	01	36	00	i36	00	345	220	166	1	1	1	67	0
462	11	4	32	20	32	22	i32	20	32	29	32	32	32	33	172	150	90	1	0	1	9	II
463	11	15	—	—	+	—	+	—	42	28	+	—	+	—	5	+	+	1	+	+	—	0
464	11	e20	37	16	e37	14	e37	15	e44	45	e44	37	—	—	—	—	—	—	—	—	452	0
465	12	e 1	19	44	e19	51	e19	40	e27	26	e27	28	—	—	—	—	—	—	—	—	463	0
466	13	17	55	28	e55	28	+	—	56	01	e56	04	+	—	50	30	+	1	2	+	33	0
467	14	e 7	00	26	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	—	0
468	14	i16	48	58	48	56	e48	56	49	36	49	36	e49	27	217	264	104	2	3	1	38	0
469	14	e16	57	28	57	21	e57	21	e58	11	58	09	e58	10	28	20	16	2	3	1	48	0
470	15	e22	49	41	—	—	e49	41	e50	07	e50	08	e50	06	14	13	14	2	2	2	26	0
471	17	e 6	18	49	e18	55	18	51	e23	57	—	—	—	—	—	—	—	—	—	—	306	0
472	20	13	29	48	29	47	29	47	30	05	30	06	30	05	34	25	16	0	1	1	18	0
473	21	1	03	15	03	15	03	13	03	52	03	50	e03	53	31	20	20	2	1	1	35	0
474	22	12	10	56	—	—	e10	56	11	28	11	29	11	32	16	18	20	2	1	1	32	0
475	25	18	31	44	e31	47	31	48	32	02	32	01	32	03	9	5	8	1	1	1	18	0
476	26	22	29	36	e29	34	29	35	30	19	30	20	30	20	13	10	8	1	2	1	43	0
477	27	15	57	29	e57	29	e57	29	61	10	e61	00	e61	20	—	—	—	—	—	—	221	0
478	28	3	14	45	e14	44	e14	44	e15	08	15	06	e15	05	5	3	2	1	1	1	21	0
479	28	e14	56	39	+	—	—	—	e59	33	+	—	e59	33	4	+	2	2	+	2	174	0
480	29	4	58	50	—	—	—	—	59	05	—	—	59	01	3	—	2	1	—	—	15	0
481	29	6	07	43	07	42	e07	41	08	12	08	14	08	17	31	25	24	1	2	1	29	0
482	30	e 1	57	27	+	—	e57	26	e57	38	+	—	57	38	5	+	2	2	+	0	12	0
483	Dec. 1	e20	38	11	—	—	—	—	38	25	e38	27	e38	21	5	5	6	1	1	1	14	0
484	4	6	17	12	e17	16	17	11	17	36	17	38	e17	34	13	13	16	1	1	1	24	0
485	4	15	16	14	16	14	16	13	16	39	16	42	e16	41	35	16	24	1	2	1	25	0
486	7	i23	06	01	i06	00	i05	59	i07	49	07	49	07	48	716	540	308	3	2	4	110	0
487	8	7	56	05	e56	12	—	—	57	22	e57	22	e57	18	10	10	6	2	2	1	78	0
488	9	e 3	29	48	e29	45	29	44	—	—	—	—	—	—	4	3	—	2	2	—	—	0
489	9	e 6	16	27	—	—	—	—	e19	06	—	—	—	—	5	—	—	2	—	—	159	0
490	9	8	16	10	—	—	—	—	16	42	16	41	16	42	10	10	6	2	1	1	31	0
491	9	19	20	24	e20	25	—	—	e20	58	20	55	—	—	5	5	—	2	1	—	31	0
492	10	6	17	13	17	13	17	13	17	23	17	25	17	22	507	253	84	4	5	1	10	0
493	10	6	27	40	27	40	27	39	27	51	e27	52	e27	50	35	23	16	3	2	2	12	0
494	10	6	38	56	—	—	—	—	41	24	—	—	—	—	—	—	—	—	—	—	148	0
495	10	7	01	53	—	—	—	—	02	07	—	—	—	—	3	—	—	2	—	—	15	0

EARTHQUAKES, 1962.



No.	Date 1962	P						S						Maximum Amplitude			Period			P~S	Intensity	Epicenter and Remarks			
		E	W	N	S	Z	EW	NS	Z	EW	NS	Z	EW	NS	Z	EW	NS	Z							
496	Dec. 10	h 7	m 14	s 53	m	s	m	s	m	s	m	s	m	s	m	s	μ	μ	μ	s	s	s	s	0	
497	10	7	—	—	—	—	—	—	54	13	—	—	—	—	—	—	2	—	—	3	—	—	—	0	
498	10	e14	02	38	—	—	—	—	e02	46	—	—	—	—	—	—	4	—	—	1	—	—	—	0	
499	10	14	30	50	—	—	—	—	e31	04	—	—	—	—	—	—	5	—	—	1	—	—	—	0	
500	11	21	56	44	—	—	e56	41	56	59	—	—	57	00	—	—	4	—	2	2	—	1	—	0	
501	12	1	15	27	—	—	e15	28	e15	57	15	56	e15	56	—	—	5	8	10	1	2	1	—	0	
502	12	9	04	49	—	—	e04	50	06	07	06	08	06	07	—	—	25	30	24	2	3	1	—	0	
503	12	20	29	48	29	48	i29	47	30	12	30	13	e30	07	—	—	150	88	58	3	2	2	—	0	
504	13	e19	34	33	e34	34	e34	38	35	00	e35	02	e35	02	—	—	10	15	12	1	2	1	—	0	
505	14	22	07	35	e07	34	e07	31	08	01	08	00	e08	00	—	—	21	23	22	2	2	1	—	0	
506	15	3	—	—	—	—	—	—	04	30	04	32	e04	30	—	—	10	3	6	1	1	1	—	0	
507	17	20	07	20	e07	18	i07	20	12	52	12	55	e12	57	—	—	—	—	—	—	—	—	—	0	
508	18	e11	13	14	—	—	—	—	e14	08	—	—	—	—	—	—	2	—	—	2	—	—	—	0	
509	18	11	58	33	e58	33	58	33	61	43	e61	42	61	45	—	—	—	—	—	—	—	—	—	0	
510	21	e 9	53	52	e53	50	—	—	e61	24	e61	24	—	—	—	—	—	—	—	—	—	—	—	0	
511	21	e17	50	06	e49	57	e49	56	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	
512	21	18	07	51	e07	52	e07	57	e17	12	e17	01	—	—	—	—	—	—	—	—	—	—	—	0	
513	21	e18	17	31	17	24	17	09	e22	59	e22	57	—	—	—	—	—	—	—	—	—	—	—	0	
514	21	i18	34	07	i34	07	i34	05	34	44	34	41	e34	44	⊕	630	514	⊕	2	1	1	—	—	0	
515	21	e19	22	59	—	—	—	—	e23	16	e23	17	—	—	—	—	3	—	2	1	—	1	—	0	
516	23	e 0	27	35	e27	38	e27	35	33	16	e33	21	—	—	—	—	—	25	—	—	18	—	—	0	
517	23	2	52	48	52	49	52	48	52	54	52	54	52	54	—	—	53	28	16	0	0	1	—	0	
518	24	4	34	32	e34	32	34	32	e34	52	e34	56	34	55	—	—	21	25	30	3	2	2	—	0	
519	24	12	43	07	e43	07	i43	05	43	27	43	28	43	30	—	—	72	55	58	1	2	2	—	0	
520	24	21	42	06	—	—	⊕	—	42	36	42	36	⊕	—	—	—	5	3	⊕	1	1	⊕	—	0	
521	26	3	58	25	e58	26	e58	27	59	00	e58	58	e59	00	—	—	15	18	12	2	2	1	—	0	
522	26	10	01	59	—	—	—	—	e02	18	e02	18	e02	20	—	—	5	3	4	1	1	1	—	0	
523	27	7	30	29	30	28	30	29	34	46	e34	45	e34	45	—	—	25	38	—	4	16	—	—	0	
524	27	e 8	51	40	e51	36	51	29	e55	48	e55	42	—	—	—	—	11	—	—	3	—	—	—	0	
525	27	18	57	31	e57	33	e57	29	e57	55	e57	57	—	—	—	—	3	3	—	1	1	—	—	0	
526	27	e23	10	13	—	—	e10	11	e10	33	—	—	e10	32	—	—	3	—	2	2	—	1	—	0	
527	28	i 3	19	01	i18	59	i19	01	⊕	—	i19	08	19	10	⊕	2128	⊕	⊕	⊕	2	⊕	⊕	—	0	
528	29	4	51	27	—	—	—	—	i52	20	52	20	52	19	—	—	18	15	12	1	1	1	—	0	
529	29	6	15	13	—	—	+	—	15	33	e15	35	+	—	—	—	3	3	+	1	1	+	—	0	
530	31	e 7	10	14	—	—	—	—	10	30	10	29	10	28	—	—	25	10	14	0	1	1	—	0	

PULSATORY OSCILLATIONS, 1962. (*EW Component.*)

International
Seismological
Centre

No.	Beginning			Ending			Maximum				Double Amplitude μ
	Date			Date			Date				
	Month	Day	Hour	Month	Day	Hour	Day	Hour	—	Day	Hour
1	Jan.	1	20	Jan.	8	22	2	4	4	4	42
2		13	7		17	9	14	0	14	22	5
3		19	7		23	20	19	11	20	23	42
4		24	8		26	23	24	10	24	22	6
5		28	9	Feb.	4	9	29	17	1	17	8
6	Feb.	5	22		8	21	6	14	7	5	2
7		11	9		17	18	11	15	12	22	20
8		19	3		23	10	19	14	22	9	10
9		24	12		25	23	25	6	25	19	5
10		26	9		28	22	26	16	27	18	4
11	Mar.	2	9	Mar.	6	14	2	13	3	2	7
12		7	4		8	21	7	9	8	5	5
13		8	21		12	5	10	17	11	9	9
14		12	5		14	14	13	2	13	23	8
15		15	13		20	2	15	22	16	23	11
16		21	8		23	20	21	19	22	22	40
17		26	5		30	1	26	18	28	3	8
18	Apr.	1	14	Apr.	5	19	3	6	5	0	21
19		9	2		12	19	10	20	11	16	11
20		13	9		15	11	14	6	14	23	10
21		17	17		22	10	18	18	19	23	10
22		26	22		1	2	27	3	29	2	11
23	May	2	19	May	8	23	4	9	6	4	10
24		10	8		16	23	12	20	14	19	10
25		21	23		26	9	24	7	25	14	11
26		27	15		31	23	28	9	29	14	10
27	Jun.	1	21		7	22	3	13	6	2	7
28		8	19	Jun.	9	17	8	22	9	11	4
29		10	17		11	20	11	2	11	9	3
30		14	17		16	11	15	13	16	5	9
31		18	14		22	18	18	21	20	1	8
32		24	6		29	9	26	6	27	11	12
33	Jul.	5	21	Jul.	8	23	6	3	7	1	7
34		9	9		15	20	9	17	10	14	5
35		24	7		28	4	24	17	26	19	5
36		30	10	Aug.	3	9	31	9	31	21	3
37	Aug.	3	9		7	2	4	6	5	5	30
38		9	7		11	10	9	17	10	2	10
39		18	15	Sep.	1	14	23	8	28	9	17
40	Sep.	2	9		12	8	8	3	9	22	12
41		15	17		20	9	16	5	18	14	8
42		24	1		26	7	24	15	25	20	10
43		28	7		30	23	28	17	30	5	11
44	Oct.	2	9	Oct.	6	12	4	5	5	9	4
45		7	19		11	22	10	6	11	18	6
46		11	22		13	22	12	5	13	9	14
47		13	22		17	23	14	6	15	17	9
48		20	9		23	1	20	17	21	9	7
49		23	9		27	9	25	11	26	23	6
50		28	8	Nov.	2	17	29	8	1	18	18
51	Nov.	3	13		7	9	4	2	6	9	16
52		9	8		10	18	9	17	10	9	12
53		12	15		14	13	12	18	13	12	11
54		14	13		18	15	15	13	17	12	13
55		19	9		27	22	21	2	22	2	9
56		29	1	Dec.	1	17	29	6	30	23	17
57	Dec.	2	15		4	22	3	3	4	12	10
58		4	22		10	1	5	10	7	19	27
59		10	7		14	2	10	22	12	10	12
60		14	2		18	2	15	2	16	0	21
61		19	15		21	18	19	20	21	9	10
62		21	18		22	23	22	1	22	14	10
63		22	23		28	13	25	22	27	4	20
64		30	3	Jan. (1963)	5	18	30	16	31	21	37