# ANNUAL REPORT

OF THE

METEOROLOGICAL

AND THE

SEISMOLOGICAL OBSERVATIONS

MADE AT THE

INTERNATIONAL LATITUDE OBSERVATORY

OF MIZUSAWA

FOR

THE YEAR 1959.

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

HEIGHT ABOVE MEAN SEA LEVEL, 62 METRES.

PUBLISHED BY THE INTERNATIONAL LATITUDE OBSERVATORY

OF MIZUSAWA.

1960

# E R R A T A

| Page | Date | Column | Error | Correction |
|---|---|---|---|---|
| 3 | 23 | PRECIPITATION mm (2-6) | 1.2 | 1.3 |
| 12 | 19 | STATION PRESSURE (Mean) | 4.0 | 0.4 |
| 13 | 4 | PRECIPITATION mm (2-6) | 1.0 | 0.1 |
| 15 | 13 | REMARKS P. M. | ⊤, ● | ⊤, ●, 厂 |
| 23 | 2 | PRECIPITATION mm (10-14) | 1.19 | 11.9 |
| 25 | 16 | 〃 〃 (18-22) | 1.6 | 1.7 |
| 〃 | 24 | REMARKS A. M. | 日米≒●厂匡⊠ | 日米≒●く匡⊠ |
| 〃 | 28 | 〃 〃 | 日, 日, ⊠ | 日, 凵, ⊠ |
| 26 | June | RELATIVE HUMIDITY % (10) | 76 | 78 |
| 27 | Jun | MONTHLY MINIMUM (WITH DATE) OF RELATIVE HUMIDITY | 3 | 13 |
| 35 | No. 75 | S (NS) | 30 37 | 20 37 |
| 37 | No. 211 | S (EW) | 20 06 | 20 36 |
| 38 | No. 226 | S (Z) | *e* 51 13 | *e* 51 31 |
| 〃 | No. 272 | Epicenter and Remarks | 43.1N, 1390E | 43.1N, 139.0E |
| 40 | No. 37 | Maximum Date (Day) | 9 | 8 |

# Introduction

This annual report contains all the meteorological and seismological data observed at the International Latitude Observatory of Mizusawa during 1959 which may serve to investigate the meteorological and seismological effects on the latitude observations. These observations have been continued since 1902. The majority of the meteorological instruments are situated in the observation field about 10 meters north of the zenith telescope room. In this field there are the motor-driven aspiration psychrometer, maximum and minimum thermometers, thermograph, hygrograph, pluviograph, Hellmann's chionograph, rain gauges, ordinary and large-sized evaporimeters, 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 "Baromètre de Gravité" and anemograph are set in the seismograph room, about 100 meters NNE of the zenith telescope room. The Robinson's cup anemometers, wind vane and Jordan's sunshine recorder are fixed on the top of the observing tower above the building of the meteorological section.

The meteorological observations and computations are performed in accordance with the instructions issued by the Central Meteorological Observatory of Japan, 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 seems to be convenient to investigate the meteorological effects on the latitude observations. The observing programme of the international latitude observations has been altered since January 6th, 1955 and the three groups were observed during the 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 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. This value referred to the Potzdam 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. The maximum and minimum values of air pressure are read from the selfrecording instruments.

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. and Range" represent the maximum, minimum and maximum *minus* minimum values in a given month. The variability of the daily mean air temperature is defined as

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

   where | | denotes the absolute values, $t_i$ the daily mean air temperature of the $i$-th day and $n$ the number of the days in a given month. The "Frequency of variation" indicates the frequencies of the differences between the daily mean air temperature of the day and that of the preceding day in a given day. The case when the difference gives a zero value is denoted by "stationary".

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 the 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:

$$\log C=0.3411-0.2151 \log (V+10),$$

where $V$ represents the wind velocity measured by Robinson's cup anemometer. This formula was derived experimentally from the wind tunnel at the Central Meteorological Observatory of Japan and it was adopted regularly since January 1, 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 is indicated on a 16 point-scale. When the wind velocity is less than 0.4 meters 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 drive the vapour pressure (in mb) as

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

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 freezing of the wet bulb.

5. *Cloud.*—The cloud forms are observed separately according to the high ($H$), middle ($M$) and low ($L$) clouds. They are denoted according to the International Classification (Ten genera of cloud forms), but they are printed by small letters owing to no blank space. The cloud amount is measured visually by the amount of the sky covered with cloud. The cloud amounts are 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 tenths of one hour. The sunshine in percent of the possible amount for the month is shown.

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

8. *Amount of Evaporation.*—It is measured by two evaporimeters with 20 cm (ordinary) and 120 cm (large-sized) of diameter respectively. The ordinary evaporimeter is poured into by water up to 20 mm from the bottom at $10^h$ once a day. The large-sized evaporimeter was used regularly during the unfrozen months, that is, from April to September, since May, 1956. The amount of evaporation is recorded in millimeter (mm). The amount of evaporation in the daily data is the value measured at $10^h$ once a day and that obtained in 24 hours from $10^h$ of the preceding to $10^h$ of the day.

9. *Precipitation.*—It is recorded in millimeter (mm) and observed with the rain gauge with 20 cm of diameter. The Gothic figures represent the maximum amount in four hours in a given month. 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 earth-surface thermometer, L-tube earth thermometers of 0.05, 0.1, 0.2 and 0.3 meters of depth and Simon's earth thermometers of 0.5, 1.0, 2.0, 3.0, 5.0 and 6.0 meters of depth are employed. The earth temperatures at 0.05, 0.1, 0.2 and 0.3 meters of depth in the daily data are the average values of 6 observations in a given day, and those at 0.5, 1.0, 2.0, 3.0, 5.0 and 6.0 meters of depth are the values observed 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 7.5 inclusive for the cloudy days.

12. *Sunless Days.*—It indicates the days without record on Jordan's sunshine recorder through the whole daytime.

13. *Horizontal Visibility.*—The maximum visible distances are divided into the following ten classes: $0^k.00$–$0^k.05$, $0^k.05$–$0^k.2$, $0^k.2$–$0^k.5$, $0^k.5$–$1^k.0$, $1^k$–$2^k$, $2^k$–$4^k$, $4^k$–$10^k$, $10^k$–$20^k$, $20^k$–$50^k$ and $\geqq 50^k$. The frequencies of each class in a given month observed 6 times a day are shown.

14. *Revised Heights of Observation-field and Barometer.*—The heights of the observation-field and the barometer were redetermined by the members of the Geophysical Survey Institute on 1954.

The hitherto adopted values were 61 *m* and 63.1 *m* respectivaly, but they were revised as 62 *m* and 63.7 *m* respectively since 1950 when the method of reduction of air pressure to the mean sea level was altered according to the instructions of the Central Meteorological Observatory of Japan. The old values of the observation-field were written erroneously on the covers of the already published reports for the years, 1950, 1953 and 1954. Moreover, the old heights of the barometer was also written erroneously in the Introduction of the report for the year 1950.

Then the correct values of the station pressure and the M.S.L. pressure for the already published, reports of four years, viz., 1950, 1953, 1954 and 1955 are inserted as the **"Supplement to Air Pressure"** in the end of the **"Meteorological OBSERVATIONS."**



The heights of the meteorological instruments are as follows:

*Barometer.*—63.7 *m* above mean sea level.
*Air Temperature Thermometer.*—1.3 *m* above the ground.
*Anemometer.*—16.5 *m* above the ground.
*Anemoscope.*—16.6 *m* above the ground.
*Rain Gauge.*—0.6 *m* above the ground.

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

| | | | | | |
|---|---|---|---|---|---|
| ● | Rain | ⊔ | Hoar frost | ⋒ | Zodiacal light |
| ✳ | Snow | ⊔ | Ice columns | ⋎ | Red sky |
| ❩ | Drizzle | ⊔ | Air hoar | ○ | Clear |
| ▲ | Grain of ice | ∨ | Soft rime | ① | Fine (partly cloudy) |
| ▲ | Granular snow | ∀ | Hard rime | ◍ | High cloud overcast |
| ↔ | Ice needles | ∽ | Glaze | ⊗ | Middle cloud overcast |
| ≡ | Fog | ⊠ | Snow coverage | ◎ | Low cloud overcast |
| ≡ | Fog in the neighbourhood | ⊼ | Thunder and lightning | ◴ | Earthquake |
| ⇄ | Ice fog | ↯ | Lightning | ᵚ | Undulatus |
| = | Mist, damp haze | ⊤ | Thunder | ⋓ | Mammatus |
| ∞ | Haze | ◊ | Pure air | ⬭ | Lenticularis |
| ∞ | Haze in the neighbourhood | ⊙ | Solar corona | Ci | Cirrus |
| ▽ | Showers | ⊪ | Lunar corona | Cs | Cirro-stratus |
| ✳ | Soft hail | ⊹ | Iridescence | Cc | Cirro-cumulus |
| △ | Small hail | ⊕ | Solar halo | Ac | Alto-cumulus |
| ▲ | Hail | ⊍ | Lunar halo | As | Alto-stratus |
| ≶ | Dust storm | ⌒ | Rainbow | Sc | Strato-cumulus |
| ⊹ | Blowing snow | ▨ | Yellow sand | Ns | Nimbo-stratus |
| ⊹ | Drifting snow | ⊟ | Freezing | Cu | Cumulus |
| ⊹ | Snow storm | ε | Dust devil | Cb | Cumulo-nimbus |
| ⌓ | Dew | ⌶ | Land-spout | St | Stratus |
| ◤ | Gale | ⋔ | Aurora | | |

The observations and computations have been worked out by Messrs, late S. Sato, I. Kumagai, G. Obata, K. Suzuki and Mrs. M. Yunome under the superintendence of Dr. C. Sugawa, the chief of the Meteorological Section.

Aug. 1960.

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

# METEOROLOGICAL OBSERVATIONS

# JANUARY, 1959.

| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 11.7 | 12.8 | 13.9 | 11.5 | 10.3 | 8.9 | 11.5 | 19.7 | 20.8 | 21.9 | 19.6 | 18.3 | 17.0 | 19.6 | 0.9 | 0.3 | 0.9 | 0.6 | -0.5 | -0.7 | 0.3 |
| 2 | 6.9 | 6.2 | 7.0 | 8.1 | 11.1 | 12.7 | 8.7 | 14.9 | 14.4 | 15.0 | 16.0 | 19.1 | 20.8 | 16.7 | -1.3 | -2.6 | 0.1 | 1.7 | -1.1 | -1.7 | -0.8 |
| 3 | 11.8 | 12.4 | 12.8 | 9.4 | 7.2 | 3.5 | 9.5 | 19.9 | 20.6 | 21.0 | 17.3 | 15.3 | 11.5 | 17.6 | -3.3 | -2.9 | -2.0 | -0.3 | -0.9 | -1.9 | -1.9 |
| 4 | 3.2 | 1.8 | 0.1 | 994.9 | 994.0 | 994.4 | 998.1 | 11.3 | 9.8 | 8.0 | 2.7 | 1.9 | 2.2 | 6.0 | -2.7 | -2.0 | 0.1 | 1.5 | 1.1 | 2.9 | 0.2 |
| 5 | 995.6 | 997.4 | 2.8 | 3.2 | 5.3 | 6.5 | 1.8 | 3.5 | 5.5 | 10.8 | 11.3 | 13.4 | 14.7 | 9.9 | 0.1 | -1.9 | -0.6 | -2.2 | -4.7 | -5.5 | -2.5 |
| 6 | 6.6 | 6.8 | 7.1 | 5.1 | 7.1 | 6.5 | 6.5 | 14.9 | 15.0 | 15.2 | 13.1 | 15.2 | 14.6 | 14.7 | -7.3 | -6.4 | -1.9 | 1.0 | -3.7 | -5.7 | -4.0 |
| 7 | 5.9 | 7.0 | 7.9 | 6.5 | 9.7 | 10.3 | 7.9 | 14.1 | 15.3 | 16.0 | 14.6 | 17.9 | 18.4 | 16.1 | -7.1 | -5.3 | -3.3 | -2.4 | -4.7 | -5.3 | -4.7 |
| 8 | 10.4 | 11.4 | 14.1 | 13.7 | 16.0 | 16.3 | 13.7 | 18.6 | 19.6 | 22.3 | 21.8 | 24.2 | 24.6 | 21.9 | -5.4 | -5.6 | -3.7 | -3.5 | -3.9 | -6.3 | -4.7 |
| 9 | 16.5 | 17.0 | 14.9 | 9.1 | 5.5 | 2.2 | 10.9 | 25.1 | 25.6 | 23.3 | 17.2 | 13.6 | 10.2 | 19.2 | -15.2 | -16.4 | -10.7 | -6.5 | -3.3 | -1.4 | -8.9 |
| 10 | 1.4 | 999.4 | 998.6 | 994.9 | 996.4 | 997.2 | 998.0 | 9.6 | 7.5 | 6.6 | 2.9 | 4.4 | 5.2 | 6.0 | -4.0 | -3.0 | -1.3 | 0.4 | -2.2 | -3.2 | -2.2 |
| 11 | 999.4 | 2.1 | 5.7 | 6.0 | 7.6 | 7.3 | 4.7 | 7.6 | 10.3 | 13.7 | 14.1 | 15.8 | 15.5 | 12.8 | -5.5 | -5.3 | -2.9 | -1.9 | -4.7 | -4.7 | -4.2 |
| 12 | 7.0 | 8.3 | 10.6 | 8.2 | 8.6 | 10.3 | 8.8 | 15.2 | 16.6 | 18.7 | 16.2 | 16.7 | 18.4 | 17.0 | -5.0 | -6.9 | -2.7 | 0.1 | -0.8 | -2.7 | -3.0 |
| 13 | 11.9 | 12.1 | 11.4 | 6.4 | 5.3 | 2.8 | 8.3 | 19.9 | 20.3 | 19.6 | 14.4 | 13.4 | 10.9 | 16.4 | -2.2 | -3.1 | -2.5 | -0.1 | -2.0 | -2.4 | -2.0 |
| 14 | 0.7 | 1.3 | 2.0 | 4.6 | 10.7 | 12.5 | 5.3 | 8.7 | 9.6 | 9.9 | 12.6 | 18.7 | 20.6 | 13.4 | -3.1 | -7.1 | 1.1 | 2.7 | -0.3 | -1.5 | -1.4 |
| 15 | 14.1 | 14.7 | 15.5 | 12.0 | 11.3 | 8.3 | 12.7 | 22.1 | 22.9 | 23.6 | 20.0 | 19.4 | 16.3 | 20.7 | -2.0 | -2.0 | 0.9 | 2.4 | -0.6 | -0.9 | -0.4 |
| 16 | 2.9 | 999.1 | 998.6 | 994.9 | 995.7 | 995.7 | 997.8 | 10.9 | 7.1 | 6.5 | 2.7 | 3.6 | 3.7 | 5.8 | 0.7 | -1.9 | 1.4 | 3.8 | 1.0 | -1.2 | 0.6 |
| 17 | 995.3 | 993.8 | 993.3 | 994.1 | 996.8 | 998.1 | 995.2 | 3.3 | 1.8 | 1.2 | 2.1 | 5.0 | 6.2 | 3.3 | -2.1 | -2.7 | -2.0 | -2.5 | -4.5 | -4.7 | -3.1 |
| 18 | 998.2 | 999.9 | 1.3 | 0.4 | 2.5 | 3.0 | 0.9 | 6.4 | 8.0 | 9.3 | 8.4 | 10.6 | 11.1 | 9.0 | -6.2 | -5.3 | -1.2 | -2.5 | -3.9 | -5.0 | -4.0 |
| 19 | 2.7 | 4.3 | 6.9 | 6.6 | 9.7 | 11.3 | 6.9 | 10.9 | 12.5 | 15.0 | 14.7 | 17.8 | 19.4 | 15.1 | -5.1 | -5.7 | -3.5 | -3.1 | -3.7 | -3.1 | -4.0 |
| 20 | 12.4 | 13.8 | 15.0 | 12.4 | 12.8 | 11.9 | 13.1 | 20.5 | 21.9 | 23.1 | 20.4 | 20.8 | 19.9 | 21.1 | -2.7 | -3.6 | 0.2 | 3.9 | 1.2 | 0.1 | -0.1 |
| 21 | 9.3 | 7.8 | 8.5 | 8.7 | 10.4 | 10.8 | 9.3 | 17.3 | 16.0 | 16.6 | 16.7 | 18.3 | 18.9 | 17.3 | -0.9 | -5.5 | -1.2 | 1.3 | 0.1 | -1.0 | -1.2 |
| 22 | 11.1 | 11.8 | 14.4 | 11.0 | 9.8 | 8.3 | 11.1 | 19.3 | 19.9 | 22.4 | 19.1 | 17.9 | 16.7 | 19.2 | -1.9 | -0.5 | -0.3 | 1.1 | -3.9 | -8.3 | -2.3 |
| 23 | 4.8 | 1.6 | 3.3 | 5.3 | 10.3 | 11.9 | 6.2 | 13.1 | 9.7 | 11.3 | 13.4 | 18.4 | 20.0 | 14.3 | -8.9 | -3.1 | 0.7 | -2.1 | -2.7 | -1.3 | -2.9 |
| 24 | 13.9 | 15.5 | 17.1 | 15.1 | 15.9 | 14.0 | 15.3 | 21.9 | 23.7 | 25.1 | 23.1 | 24.0 | 22.1 | 23.3 | -0.4 | -2.0 | 1.6 | 2.9 | -2.5 | -3.1 | -0.6 |
| 25 | 10.3 | 5.3 | 1.0 | 1.8 | 7.0 | 10.0 | 5.9 | 18.4 | 13.2 | 8.8 | 9.6 | 15.0 | 18.0 | 13.8 | -2.5 | 1.9 | 6.1 | 5.3 | 2.2 | 0.9 | 2.3 |
| 26 | 9.2 | 11.4 | 13.0 | 11.9 | 11.8 | 12.0 | 11.6 | 17.2 | 19.4 | 21.0 | 19.9 | 19.8 | 20.1 | 19.6 | 0.5 | -0.3 | 1.2 | 2.2 | 0.7 | -1.0 | 0.6 |
| 27 | 10.8 | 10.3 | 11.1 | 8.7 | 9.2 | 7.9 | 9.7 | 18.9 | 18.2 | 19.1 | 16.6 | 17.2 | 16.0 | 17.7 | -1.3 | 0.2 | 2.4 | 3.8 | -0.3 | -1.1 | 0.6 |
| 28 | 8.6 | 10.9 | 13.8 | 12.6 | 15.0 | 16.7 | 12.9 | 16.7 | 19.0 | 21.7 | 20.6 | 23.1 | 24.8 | 21.0 | -2.6 | -0.3 | 0.3 | 0.9 | -0.7 | -0.9 | -0.5 |
| 29 | 16.4 | 16.9 | 16.2 | 11.3 | 8.7 | 2.2 | 12.0 | 24.6 | 25.1 | 24.4 | 19.3 | 16.7 | 10.2 | 20.1 | -1.9 | -5.7 | -2.3 | 1.4 | 0.0 | -0.5 | -1.5 |
| 30 | 994.1 | 989.7 | 986.8 | 984.1 | 987.8 | 991.0 | 988.9 | 2.0 | 997.6 | 994.6 | 991.8 | 995.6 | 998.9 | 996.8 | -0.1 | 0.2 | 0.9 | 4.9 | 2.1 | 0.3 | 1.4 |
| 31 | 993.8 | 997.6 | 2.0 | 4.4 | 10.1 | 12.3 | 3.4 | 1.7 | 5.6 | 10.0 | 12.5 | 18.1 | 20.4 | 11.4 | -2.1 | -2.8 | -0.9 | -2.4 | -4.0 | -3.0 | -2.5 |
| Mean | 6.4 | 6.5 | 7.3 | 5.7 | 7.1 | 7.0 | 6.7 | 14.5 | 14.6 | 15.3 | 13.7 | 15.1 | 15.1 | 14.7 | -3.2 | -3.5 | -0.8 | 0.4 | -1.7 | -2.4 | -1.9 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | Mean | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | 6 obs. | 24 h. |
| 1 | 1.5 | -0.9 | 0.3 | 2.4 | NNW | 5.2 | NNW | 4.8 | — | 0.2 | NW | 2.6 | — | 0.0 | N | 1.5 | 2.4 | 2.7 |
| 2 | 3.8 | -3.2 | 0.3 | 7.0 | NNW | 4.4 | NNW | 1.1 | NNW | 4.2 | WNW | 7.1 | N | 5.2 | NNW | 2.2 | 4.0 | 3.6 |
| 3 | 0.0 | -3.8 | -1.9 | 3.8 | S | 0.9 | E | 1.1 | SSE | 3.8 | — | 0.0 | — | 0.0 | — | 0.0 | 1.0 | 1.1 |
| 4 | 3.5 | -3.0 | 0.3 | 6.5 | WNW | 0.9 | — | 0.0 | — | 0.0 | ENE | 1.7 | — | 0.0 | SSE | 2.6 | 0.9 | 1.7 |
| 5 | 2.0 | -6.4 | -2.2 | 8.4 | W | 6.9 | SSE | 5.0 | WNW | 4.6 | NW | 4.4 | — | 0.2 | — | 0.0 | 3.5 | 3.7 |
| 6 | 1.4 | -7.4 | -3.0 | 8.8 | — | 0.2 | ESE | 0.7 | — | 0.2 | WSW | 5.5 | NE | 0.7 | — | 0.0 | 1.2 | 1.6 |
| 7 | -1.6 | -7.6 | -4.6 | 6.0 | — | 0.0 | — | 0.2 | — | 0.2 | NNW | 3.0 | NNW | 3.2 | — | 0.2 | 1.1 | 1.4 |
| 8 | -2.8 | -9.3 | -6.0 | 6.5 | NNW | 2.8 | — | 0.0 | — | 0.0 | NNW | 2.4 | NNW | 5.9 | NE | 1.1 | 2.0 | 1.5 |
| 9 | -1.0 | -17.0 | -9.0 | 16.0 | WNW | 2.6 | NW | 1.3 | — | 0.0 | — | 0.0 | S | 5.0 | SSE | 7.6 | 2.8 | 2.3 |
| 10 | 0.9 | -5.2 | -2.1 | 6.1 | N | 0.9 | NNW | 4.4 | N | 2.8 | N | 5.2 | NW | 3.2 | NNW | 5.2 | 3.6 | 3.3 |
| 11 | -1.0 | -7.2 | -4.1 | 6.2 | NNE | 3.2 | N | 6.9 | N | 3.6 | NNW | 0.7 | — | 0.0 | — | 0.0 | 2.4 | 2.4 |
| 12 | 0.8 | -7.4 | -3.3 | 8.2 | NNW | 2.2 | — | 0.0 | W | 4.0 | — | 0.0 | SE | 1.5 | NNW | 0.9 | 1.4 | 1.4 |
| 13 | 0.4 | -5.2 | -2.4 | 5.6 | N | 1.5 | N | 2.4 | NW | 3.2 | NW | 0.9 | — | 0.0 | NNW | 2.4 | 1.7 | 2.1 |
| 14 | 3.4 | -7.4 | -2.0 | 10.8 | NNW | 2.4 | WNW | 2.2 | W | 2.8 | NW | 5.4 | WNW | 6.1 | N | 1.3 | 3.4 | 3.5 |
| 15 | 3.4 | -2.5 | 0.5 | 5.9 | NNW | 3.0 | NNW | 1.5 | — | 0.0 | SE | 0.7 | SSE | 4.4 | SSW | 2.6 | 2.0 | 1.8 |
| 16 | 5.0 | -2.0 | 1.5 | 7.0 | S | 3.8 | W | 1.3 | — | 0.0 | N | 5.4 | NNW | 3.6 | SE | 0.4 | 2.4 | 2.3 |
| 17 | -0.7 | -4.7 | -2.7 | 4.0 | ESE | 3.8 | S | 3.0 | SSE | 6.3 | WNW | 7.4 | — | 0.0 | SSE | 0.4 | 3.5 | 2.9 |
| 18 | 1.2 | -8.0 | -3.4 | 9.2 | SE | 1.3 | ESE | 0.7 | S | 1.5 | NW | 1.5 | — | 0.0 | SW | 1.3 | 1.1 | 1.7 |
| 19 | -2.6 | -6.2 | -4.4 | 3.6 | WSW | 4.8 | WNW | 7.1 | WNW | 6.5 | N | 5.2 | N | 5.4 | — | 0.2 | 4.9 | 4.4 |
| 20 | 5.4 | -3.8 | 0.8 | 9.2 | NE | 0.4 | SSE | 2.0 | S | 4.8 | WSW | 4.4 | S | 5.0 | S | 4.6 | 3.5 | 3.5 |
| 21 | 2.8 | -5.8 | -1.5 | 8.6 | S | 5.0 | N | 1.3 | — | 0.2 | NW | 4.2 | NW | 3.0 | NE | 5.7 | 3.2 | 2.4 |
| 22 | 1.6 | -9.0 | -3.7 | 10.6 | NW | 0.9 | N | 3.4 | — | 0.2 | N | 0.7 | — | 0.0 | NW | 1.7 | 1.2 | 1.4 |
| 23 | 1.8 | -9.8 | -4.0 | 11.6 | WNW | 0.4 | SSE | 4.6 | WNW | 6.9 | NNE | 3.2 | NNW | 7.6 | NNW | 10.1 | 5.5 | 4.6 |
| 24 | 4.2 | -5.8 | -0.8 | 10.0 | NW | 5.5 | N | 3.0 | NE | 1.7 | NNW | 4.8 | SE | 0.4 | — | 0.2 | 2.6 | 2.6 |
| 25 | 9.2 | -3.0 | 3.1 | 12.2 | — | 0.0 | S | 6.7 | SSE | 6.9 | W | 9.8 | WNW | 7.1 | NNW | 4.8 | 5.9 | 7.2 |
| 26 | 3.0 | -1.1 | 1.0 | 4.1 | NW | 8.9 | NNW | 6.5 | N | 3.6 | NNW | 4.6 | NE | 2.0 | — | 0.0 | 4.3 | 4.5 |
| 27 | 4.2 | -2.3 | 1.0 | 6.5 | — | 0.0 | NNW | 3.6 | NNW | 3.6 | N | 2.6 | — | 0.0 | — | 0.0 | 1.6 | 1.4 |
| 28 | 1.6 | -2.8 | -0.6 | 4.4 | — | 0.2 | NW | 3.6 | NNW | 6.1 | NW | 9.8 | NNW | 4.2 | WNW | 2.6 | 4.4 | 5.4 |
| 29 | 2.1 | -6.0 | -1.9 | 8.1 | N | 2.8 | SE | 0.9 | N | 0.4 | — | 0.0 | SW | 0.7 | — | 0.0 | 0.8 | 0.7 |
| 30 | 6.0 | -0.6 | 2.7 | 6.6 | — | 0.0 | — | 0.0 | — | 0.2 | E | 2.0 | W | 10.1 | W | 12.9 | 4.2 | 3.7 |
| 31 | -0.5 | -4.2 | -2.3 | 3.7 | W | 12.5 | W | 5.5 | W | 16.6 | WNW | 9.4 | NW | 5.4 | NW | 3.8 | 8.9 | 7.7 |
| Mean | 1.9 | -5.4 | -1.8 | 7.3 | | 2.8 | | 2.7 | | 3.1 | | 3.7 | | 2.9 | | 2.5 | 2.9 | 2.9 |

# JANUARY, 1959.



| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 4.3 | 4.1 | 3.9 | 4.5 | 5.2 | 4.7 | 4.5 | 4 | 10 | 10 | 10 | 10 | 10 | 9.0 | — | — | sc | cs | — | sc | cs | ac | cu | — | as | — | — | as | — | — | — | sc |
| 2 | 3.9 | 4.4 | 4.0 | 4.5 | 4.1 | 4.2 | 4.2 | 10 | 4 | 2 | 3 | 3 | 10 | 5.3 | — | as | — | — | — | sc | cs | — | sc | — | — | sc,st | — | — | sc | — | — | ns |
| 3 | 4.2 | 4.4 | 4.9 | 5.6 | 5.3 | 5.0 | 4.9 | 4 | 8 | 10 | 10 | 10 | 7 | 8.2 | — | — | sc | — | — | sc | — | — | ns | — | as | st | — | — | st | — | — | sc |
| 4 | 4.9 | 5.1 | 5.9 | 6.5 | 6.4 | 6.1 | 5.8 | 9 | 10 | 10 | 10 | 10 | 10 | 9.8 | — | — | sc | — | as | sc | — | — | sc | — | — | sc | — | — | ns | — | — | sc |
| 5 | 4.0 | 5.0 | 4.4 | 4.1 | 3.4 | 3.7 | 4.1 | 6 | 8 | 5 | 10 | 1 | 10 | 6.7 | — | — | sc,st | — | — | ns | — | — | sc,st | ci | — | st,cu | — | — | st | cs | — | — |
| 6 | 3.1 | 3.5 | 4.0 | 4.0 | 4.1 | 3.7 | 3.7 | 0 | 4 | 10 | 8 | 3 | 4 | 4.8 | — | — | — | — | — | ns,sc | — | — | ns | — | ac | st,sc | — | — | sc | — | — | sc |
| 7 | 3.4 | 3.9 | 4.1 | 4.3 | 3.7 | 3.9 | 3.9 | 1 | 10 | 10 | 10 | 10 | 10 | 8.5 | — | — | sc | — | — | st,sc | — | — | ns | — | — | sc | — | — | sc | — | — | ns |
| 8 | 3.8 | 3.8 | 4.3 | 4.5 | 3.2 | 3.2 | 3.8 | 10 | 10 | 10 | 10 | 8 | 3 | 8.5 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | st | — | — | st |
| 9 | 1.6 | 1.5 | 2.4 | 3.0 | 4.1 | 4.2 | 2.8 | 0 | 3 | 10 | 10 | 10 | 10 | 7.2 | — | — | — | cs,ci | — | — | — | — | st | — | — | st | — | — | st | — | — | st |
| 10 | 4.3 | 4.3 | 4.3 | 4.2 | 4.2 | 3.8 | 4.2 | 10 | 7 | 10 | 4 | 10 | 10 | 8.5 | — | — | st | cs | as | st | — | as | — | cc | — | sc | — | as | — | cs | — | — |
| 11 | 3.3 | 3.4 | 3.8 | 3.9 | 3.8 | 3.9 | 3.7 | 0 | 2 | 10 | 10 | 10 | 10 | 7.0 | — | — | — | — | — | sc | — | — | ns | — | — | ns | — | — | st | — | — | ns |
| 12 | 4.0 | 3.4 | 4.1 | 4.0 | 5.2 | 4.9 | 4.3 | 10 | 10 | 0 | 10 | 10 | 10 | 8.3 | — | — | ns | — | — | ns,sc | — | — | sc | — | as | — | — | as | — | — | — | sc |
| 13 | 4.4 | 4.0 | 3.9 | 4.0 | 4.5 | 5.0 | 4.3 | 8 | 8 | 9 | 10 | 10 | 10 | 9.2 | — | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | ns | — | — | ns |
| 14 | 4.7 | 3.4 | 5.5 | 5.1 | 4.6 | 4.4 | 4.6 | 10 | 6 | 10 | 2 | 0 | 0 | 4.7 | cs | — | — | — | — | st,sc | — | — | ns | — | — | st,sc | — | — | — | — | — | — |
| 15 | 4.2 | 4.3 | 4.5 | 4.6 | 4.6 | 4.4 | 4.4 | 5 | 3 | 10 | 10 | 3 | 10 | 6.8 | — | — | sc | — | — | sc | — | — | sc | — | as | — | cc | — | — | — | — | sc |
| 16 | 5.3 | 4.7 | 5.5 | 5.8 | 5.5 | 5.0 | 5.3 | 10 | 10 | 10 | 10 | 6 | 5 | 8.5 | — | — | st | — | — | sc | cs | as | — | cs | — | sc | — | — | sc | — | — | sc |
| 17 | 4.7 | 4.8 | 5.0 | 4.2 | 4.0 | 4.1 | 4.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | sc | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 18 | 3.6 | 3.8 | 4.0 | 4.5 | 4.2 | 3.7 | 4.0 | 0 | 10 | 7 | 10 | 10 | 10 | 7.8 | — | — | — | — | — | ns | — | — | sc | — | — | sc,st | — | — | ns | — | — | sc,ns |
| 19 | 3.9 | 3.7 | 3.2 | 4.3 | 3.6 | 4.2 | 3.8 | 10 | 10 | 6 | 10 | 10 | 10 | 9.3 | — | — | ns | — | — | ns | — | — | sc | — | — | ns | — | as | — | — | — | ns |
| 20 | 4.5 | 4.4 | 5.2 | 4.5 | 5.2 | 4.6 | 4.7 | 10 | 10 | 10 | 6 | 0 | 3 | 6.5 | — | — | ns | — | — | ns | — | — | ns | — | — | sc | — | — | sc | cs | — | — |
| 21 | 4.3 | 3.9 | 5.2 | 4.8 | 3.6 | 4.0 | 4.3 | 8 | 10 | 10 | 7 | 0 | 10 | 7.5 | cs | — | sc | cs | — | sc | — | — | ns | — | — | sc | — | — | sc | — | — | st |
| 22 | 4.3 | 4.2 | 5.2 | 4.6 | 3.7 | 3.0 | 4.2 | 10 | 10 | 10 | 6 | 5 | 0 | 6.8 | — | — | sc | — | — | st | — | — | ns | ci | — | sc | — | — | sc | — | — | cu |
| 23 | 2.9 | 4.7 | 5.4 | 4.9 | 4.3 | 3.9 | 4.4 | 3 | 10 | 10 | 10 | 10 | 10 | 8.8 | — | — | sc | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | sc |
| 24 | 3.8 | 3.5 | 4.4 | 4.8 | 4.2 | 4.3 | 4.2 | 10 | 8 | 1 | 0 | 0 | 10 | 4.8 | — | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | — | — | — | sc |
| 25 | 4.6 | 5.0 | 6.5 | 6.2 | 4.5 | 3.8 | 5.1 | 10 | 10 | 6 | 8 | 1 | 0 | 5.8 | — | — | sc | — | as | — | — | — | sc,ns | — | — | sc,ns | — | — | cu | — | — | cu |
| 26 | 3.9 | 4.1 | 4.0 | 3.8 | 4.0 | 4.6 | 4.1 | 4 | 3 | 8 | 10 | 10 | 10 | 7.5 | — | — | sc | — | — | sc | cs,ci | — | sc | cs,ci | — | — | — | as | — | — | as | — |
| 27 | 4.7 | 4.2 | 4.7 | 4.1 | 4.5 | 4.8 | 4.5 | 10 | 7 | 1 | 5 | 0 | 10 | 5.5 | — | as | — | cc | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | ns,sc |
| 28 | 4.8 | 4.2 | 4.3 | 4.5 | 4.1 | 3.7 | 4.3 | 10 | 8 | 4 | 4 | 4 | 4 | 5.7 | — | — | ns | — | — | st,sc | ci,cs,cc | — | sc | — | — | sc,st | — | — | sc | — | — | sc |
| 29 | 3.6 | 3.4 | 3.9 | 4.7 | 6.0 | 5.6 | 4.5 | 5 | 4 | 7 | 10 | 10 | 10 | 7.7 | — | — | sc | — | as | sc | — | — | — | — | as | — | — | — | ns | — | — | ns |
| 30 | 6.0 | 6.0 | 6.3 | 7.1 | 5.7 | 5.9 | 6.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | st | — | — | st | — | — | sc | — | — | st | — | — | ns |
| 31 | 5.0 | 4.6 | 4.6 | 4.3 | 3.2 | 3.6 | 4.2 | 10 | 10 | 10 | 10 | 7 | 8 | 9.2 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| Mean | 4.1 | 4.1 | 4.6 | 4.6 | 4.4 | 4.3 | 4.4 | 7.0 | 7.8 | 7.9 | 8.2 | 6.5 | 7.9 | 7.5 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P. M. |
| 1 | — | 55 | 1.0 | | 66 | 65 | 59 | 71 | 89 | 81 | 72 | — | — | — | — | — | — | — | ⊟,◊,◤ | ⊟,◊ |
| 2 | 6.6 | 177 | 1.8 | | 70 | 88 | 65 | 66 | 73 | 78 | 73 | — | 0.0 | — | — | — | 0.0 | 0.0 | ⊟,✳ | ⊟,✳ |
| 3 | 0.2 | 44 | (0.9) | | 89 | 89 | 92 | 94 | 92 | 94 | 92 | 0.0 | — | 0.2 | 0.1 | 0.0 | — | 0.3 | ⊟,✳,🌫,⊠ | ⊟,✳,⊠ |
| 4 | 0.4 | 39 | (1.6) | | 97 | 96 | 96 | 95 | 97 | 81 | 94 | — | — | — | — | 0.1 | 0.1 | 0.2 | ⊟ | ⊟,●,✳,◤ |
| 5 | 7.1 | 203 | (1.2) | | 65 | 94 | 74 | 79 | 78 | 90 | 80 | 0.1 | 0.1 | 1.1 | — | — | — | 1.3 | ⊟◊✳🌫⊠◤ | ◊,⊟,⊔,⊠ |
| 6 | 2.9 | 137 | (0.9) | | 88 | 92 | 76 | 61 | 88 | 92 | 83 | — | 0.1 | 0.0 | — | 0.0 | — | 0.1 | ⊟,⊔,✳,🌫,⊠ | ⊟,✳,🌫,⊠ |
| 7 | 2.0 | 132 | (0.8) | | 93 | 95 | 85 | 84 | 87 | 95 | 90 | — | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.9 | ⊔,⊟,✳,🌫,⊠ | ⊟,✳,⊠ |
| 8 | — | 62 | (0.9) | | 93 | 95 | 92 | 95 | 69 | 85 | 88 | 0.3 | 0.2 | 1.1 | 1.4 | 0.1 | — | 3.1 | ⊟,✳,⊠ | ⊟,✳,⊠ |
| 9 | 1.0 | — | 1.2 | | 85 | 85 | 90 | 80 | 85 | 77 | 84 | — | — | — | — | — | — | — | ⊟,ㄣ,⊔,⊠ | ⊟,⊠ |
| 10 | 3.5 | 150 | 1.9 | | 94 | 87 | 77 | 68 | 81 | 79 | 81 | — | 0.2 | — | — | — | — | 0.2 | ⊟,✳,⊠ | ⊟,◊,⊠ |
| 11 | 4.6 | 167 | (1.0) | | 81 | 82 | 78 | 74 | 87 | 91 | 82 | — | — | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | ⊟,⊔,✳,⊠ | ⊟,✳,🌫,⊠ |
| 12 | 4.4 | 186 | 1.5 | | 95 | 93 | 82 | 65 | 90 | 97 | 87 | 1.1 | 0.8 | 0.1 | — | — | 0.0 | 2.0 | ⊟,✳,⊠ | ⊟,✳,🌫,⊠ |
| 13 | 1.6 | 133 | (1.0) | | 84 | 83 | 76 | 65 | 85 | 98 | 82 | — | — | — | — | 0.0 | 0.6 | 0.6 | ⊟,ᔕ,⊠ | ⊟,✳,🌫,⊠ |
| 14 | 5.5 | 198 | (1.8) | | 97 | 93 | 83 | 69 | 77 | 80 | 83 | 0.5 | 0.0 | 0.2 | 0.6 | — | — | 1.3 | ⊟,⊔,✳,⊠ | ⊟,⊔,✳,⊠,◤ |
| 15 | 4.9 | 176 | 1.6 | | 79 | 81 | 69 | 63 | 78 | 77 | 75 | — | — | — | — | — | — | — | ⊟,⊠ | ⊟,⊠ |
| 16 | 0.8 | 107 | (1.3) | | 83 | 89 | 82 | 72 | 83 | 90 | 83 | — | — | — | — | — | — | — | ⊟,ᔕ,⊠ | ⊟,⊠ |
| 17 | 2.7 | 84 | (0.9) | | 90 | 95 | 94 | 82 | 91 | 95 | 91 | 0.0 | 0.1 | 1.3 | 1.5 | 0.5 | 1.2 | 4.6 | ⊟,✳,🌬,🌫,⊠ | ⊟,✳,⊠ |
| 18 | 5.3 | 220 | (1.6) | | 94 | 93 | 71 | 88 | 92 | 89 | 88 | 0.5 | 0.4 | 0.9 | 0.1 | 2.1 | 2.9 | 6.9 | ⊟,✳,⊠ | ⊟,✳,🌫,⊠ |
| 19 | 3.0 | 205 | (2.0) | | 93 | 92 | 68 | 89 | 78 | 87 | 85 | 1.4 | 0.4 | 0.6 | 0.1 | 0.0 | 0.0 | 2.5 | ⊟,✳,⊠,◤ | ⊟,✳,⊠ |
| 20 | 4.9 | 194 | (2.0) | | 89 | 94 | 84 | 56 | 78 | 75 | 79 | 0.2 | 1.2 | 0.2 | 0.0 | — | — | 1.6 | ⊟,✳,⊠ | ⊟,⊠ |
| 21 | 2.0 | 156 | (1.4) | | 76 | 95 | 93 | 72 | 58 | 70 | 77 | — | — | 0.5 | 0.1 | — | — | 0.6 | ⊟,⊔,✳,🌫,⊠ | ⊟,✳,⊠ |
| 22 | 4.0 | 185 | (2.0) | | 81 | 71 | 87 | 70 | 82 | 92 | 81 | 0.0 | — | 0.1 | — | — | — | 0.1 | ⊟,✳,🌫,⊠ | ☽◊⊟⊔⊠◴ |
| 23 | 1.3 | 149 | (1.9) | | 92 | 97 | 84 | 94 | 86 | 70 | 87 | — | 1.2 | 3.0 | 1.3 | 0.4 | 0.0 | 6.0 | ⊟⊔✳🌬⊠◤ | ⊟,✳,⊠ |
| 24 | 8.2 | 211 | (2.0) | | 64 | 66 | 64 | 64 | 82 | 89 | 72 | — | — | — | — | — | — | — | ⊟,⊠ | ⊟,⊠,◴ |
| 25 | 4.0 | 174 | (2.1) | | 90 | 71 | 69 | 69 | 63 | 58 | 70 | — | — | 0.1 | 0.6 | 0.1 | — | 0.8 | ⊟,●,⊠ | ⊟,●,⊠,◤ |
| 26 | 5.9 | 192 | 1.5 | | 62 | 68 | 60 | 52 | 62 | 81 | 64 | — | — | — | — | — | — | — | ⊟,◊,⊠,◤ | ◊,⊟,⊠ |
| 27 | 7.5 | 223 | (1.7) | | 84 | 68 | 65 | 51 | 75 | 84 | 71 | — | — | — | — | — | 0.0 | 0.0 | ⊟,◊,⊠ | ⊟,◊,✳,⊠ |
| 28 | 7.4 | 250 | 2.4 | | 95 | 70 | 68 | 69 | 71 | 65 | 73 | 1.6 | 0.2 | — | — | — | — | 1.8 | ⊟,◊,✳,🌫,⊠ | ⊟,⊠,◤ |
| 29 | 1.4 | 148 | (1.3) | | 68 | 85 | 75 | 70 | 98 | 96 | 82 | — | — | — | — | 0.4 | 5.3 | 5.7 | ⊟,ᔕ,⊠ | ⊟ᔕ✳🌫⊠● |
| 30 | — | 82 | (0.1) | | 98 | 97 | 97 | 81 | 81 | 95 | 92 | 2.8 | 0.5 | — | 0.3 | — | 0.7 | 4.3 | ⊟,●,⊠,◤ | ⊟●🌬🌫⊠◤ |
| 31 | 5.5 | 259 | 1.8 | | 96 | 92 | 81 | 84 | 71 | 73 | 83 | 1.4 | 9.0 | 0.8 | 0.5 | 0.1 | 0.1 | 11.9 | ⊟,✳,🌬,◤,⊠ | ⊟,✳,🌬,◤,⊠ |
| | 108.6 | 469.8 | 45.1 | | 85 | 86 | 79 | 74 | 81 | 84 | 81 | 9.9 | 14.7 | 10.4 | 6.8 | 4.0 | 11.0 | 56.8 | | |

# FEBRUARY, 1959.

| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 13.4 | 14.5 | 17.2 | 16.3 | 17.2 | 16.4 | 15.8 | 21.5 | 22.6 | 25.2 | 24.4 | 25.2 | 24.7 | 23.9 | −2.8 | 0.4 | 0.8 | 1.6 | 1.0 | −3.5 | −0.4 |
| 2 | 15.6 | 13.1 | 11.1 | 5.9 | 3.3 | 2.5 | 8.6 | 23.9 | 21.3 | 19.2 | 13.8 | 11.3 | 10.4 | 16.7 | −6.4 | −7.5 | −2.4 | 1.8 | 0.3 | 0.0 | −2.4 |
| 3 | 1.9 | 1.6 | 4.4 | 4.3 | 6.1 | 7.4 | 4.3 | 9.9 | 9.5 | 12.2 | 12.2 | 13.9 | 15.3 | 12.2 | −0.4 | 4.5 | 7.9 | 5.7 | 4.1 | 4.7 | 4.4 |
| 4 | 9.2 | 11.5 | 14.9 | 14.5 | 15.9 | 16.8 | 13.8 | 17.1 | 19.5 | 22.8 | 22.3 | 23.9 | 24.9 | 21.8 | 3.7 | 3.1 | 5.1 | 4.5 | 2.3 | 1.2 | 3.3 |
| 5 | 17.8 | 19.0 | 20.4 | 19.4 | 20.7 | 20.7 | 19.7 | 25.9 | 27.1 | 28.4 | 27.3 | 28.8 | 28.8 | 27.7 | 1.2 | −0.4 | 5.7 | 8.5 | 2.2 | −1.4 | 2.6 |
| 6 | 19.8 | 17.7 | 15.0 | 9.5 | 7.7 | 9.4 | 13.2 | 28.0 | 25.9 | 23.0 | 17.2 | 15.4 | 17.2 | 21.1 | −2.8 | −2.9 | 1.0 | 7.5 | 9.4 | 4.9 | 2.9 |
| 7 | 10.0 | 10.9 | 14.1 | 13.3 | 15.9 | 19.0 | 13.9 | 17.9 | 18.9 | 22.0 | 21.2 | 24.0 | 27.2 | 21.9 | 1.4 | −0.6 | 0.8 | 2.7 | 0.4 | −1.9 | 0.5 |
| 8 | 20.2 | 21.9 | 22.4 | 19.5 | 18.8 | 16.9 | 20.0 | 28.5 | 30.2 | 30.6 | 27.5 | 26.9 | 25.0 | 28.1 | −4.8 | −6.1 | −1.9 | 4.6 | 1.6 | 1.0 | −0.9 |
| 9 | 15.8 | 13.1 | 12.2 | 7.4 | 4.1 | 0.0 | 8.8 | 23.8 | 21.1 | 20.2 | 15.3 | 12.0 | 7.9 | 16.7 | 2.1 | 1.4 | 2.1 | 3.1 | 2.0 | 2.4 | 2.2 |
| 10 | 995.4 | 993.1 | 996.2 | 997.7 | 999.8 | 0.5 | 997.1 | 3.3 | 0.9 | 4.0 | 5.7 | 7.8 | 8.6 | 5.1 | 2.3 | 3.1 | 2.2 | 1.2 | −2.2 | −4.1 | 0.4 |
| 11 | 1.1 | 3.5 | 7.9 | 8.3 | 10.5 | 12.8 | 7.4 | 9.2 | 11.7 | 15.9 | 16.3 | 18.7 | 21.0 | 15.5 | −4.8 | −3.9 | 0.1 | 0.0 | −3.5 | −4.1 | −2.7 |
| 12 | 15.3 | 17.7 | 19.9 | 19.2 | 19.2 | 17.9 | 18.2 | 23.5 | 25.9 | 28.0 | 27.3 | 27.3 | 26.0 | 26.3 | −3.6 | −3.0 | 1.2 | 3.3 | 0.6 | 0.3 | −0.2 |
| 13 | 15.6 | 12.8 | 14.0 | 12.7 | 15.7 | 16.2 | 14.5 | 23.7 | 20.7 | 21.7 | 20.5 | 23.7 | 24.3 | 22.4 | 0.2 | 4.3 | 7.7 | 8.1 | 3.5 | 1.0 | 4.1 |
| 14 | 16.0 | 15.5 | 16.1 | 14.2 | 14.7 | 14.6 | 15.2 | 24.0 | 23.6 | 24.2 | 22.1 | 22.7 | 22.7 | 23.2 | 2.1 | 2.1 | 0.5 | 1.6 | 1.8 | 0.6 | 1.5 |
| 15 | 14.5 | 15.9 | 17.9 | 17.2 | 18.4 | 18.6 | 17.1 | 22.6 | 24.0 | 26.0 | 25.2 | 26.5 | 26.7 | 25.2 | 0.4 | 0.1 | 1.3 | 2.8 | 2.2 | 1.8 | 1.4 |
| 16 | 17.5 | 16.4 | 17.2 | 15.4 | 15.0 | 14.9 | 16.1 | 25.6 | 24.5 | 25.2 | 23.4 | 23.0 | 22.9 | 24.1 | 0.4 | 0.2 | 1.4 | 2.2 | 2.7 | 2.8 | 1.6 |
| 17 | 11.8 | 7.9 | 5.1 | 2.5 | 3.8 | 4.0 | 5.9 | 19.8 | 15.9 | 13.0 | 10.2 | 11.5 | 11.9 | 13.7 | 2.2 | 2.3 | 3.7 | 7.0 | 6.3 | 6.1 | 4.6 |
| 18 | 4.4 | 7.6 | 11.1 | 11.7 | 16.0 | 19.2 | 11.7 | 12.3 | 15.5 | 19.0 | 19.6 | 24.0 | 27.3 | 19.6 | 5.5 | 3.7 | 6.5 | 6.3 | 3.1 | 0.4 | 4.3 |
| 19 | 19.0 | 19.9 | 19.3 | 15.8 | 14.7 | 13.4 | 17.0 | 27.3 | 28.2 | 27.4 | 23.7 | 22.6 | 21.2 | 25.1 | −3.4 | −4.0 | 0.1 | 5.6 | 4.4 | 3.2 | 1.0 |
| 20 | 8.0 | 0.8 | 998.1 | 1.2 | 5.8 | 9.0 | 3.8 | 15.9 | 8.7 | 6.0 | 9.0 | 13.6 | 16.9 | 11.7 | 2.8 | 3.0 | 3.6 | 6.1 | 5.6 | 3.7 | 4.1 |
| 21 | 10.1 | 10.1 | 10.9 | 8.5 | 9.0 | 9.7 | 9.7 | 18.0 | 18.0 | 18.7 | 16.3 | 16.9 | 17.6 | 17.6 | 3.1 | 2.2 | 4.9 | 6.8 | 5.6 | 2.8 | 4.2 |
| 22 | 9.7 | 10.6 | 12.3 | 11.8 | 12.6 | 13.8 | 11.8 | 17.6 | 18.5 | 20.2 | 19.7 | 20.6 | 21.8 | 19.7 | 2.0 | 2.4 | 5.4 | 3.8 | 2.2 | 0.6 | 2.7 |
| 23 | 12.8 | 12.2 | 15.2 | 14.7 | 16.8 | 17.3 | 14.8 | 20.8 | 20.3 | 23.2 | 22.7 | 25.0 | 25.5 | 22.9 | 1.2 | 0.3 | 1.7 | 0.9 | −0.8 | −0.9 | 0.4 |
| 24 | 17.2 | 16.6 | 16.2 | 13.6 | 14.5 | 14.8 | 15.5 | 25.3 | 24.8 | 24.3 | 21.5 | 22.5 | 23.0 | 23.6 | −1.3 | −1.9 | 0.2 | 2.0 | −1.0 | −1.1 | −0.5 |
| 25 | 15.2 | 16.3 | 18.2 | 16.8 | 19.1 | 19.6 | 17.5 | 23.4 | 24.4 | 26.3 | 24.9 | 27.3 | 27.8 | 25.7 | −2.6 | −2.0 | −0.2 | 2.9 | −1.8 | −2.0 | −0.9 |
| 26 | 20.2 | 20.6 | 21.1 | 19.1 | 19.8 | 20.7 | 20.3 | 28.3 | 28.8 | 29.2 | 27.1 | 27.9 | 28.9 | 28.4 | −2.7 | −2.9 | 0.0 | 1.7 | −0.6 | −2.9 | −1.2 |
| 27 | 20.6 | 21.0 | 21.7 | 19.8 | 20.7 | 21.5 | 20.9 | 28.8 | 29.2 | 29.7 | 27.8 | 28.8 | 29.6 | 29.0 | −2.9 | −4.6 | 3.2 | 4.2 | 2.0 | 1.2 | 0.5 |
| 28 | 20.8 | 20.8 | 23.4 | 22.4 | 24.0 | 25.3 | 22.8 | 29.0 | 29.0 | 31.5 | 30.5 | 32.1 | 33.6 | 31.0 | 0.0 | 0.1 | 1.4 | 4.7 | 0.7 | −2.6 | 0.7 |
| 29 | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | |
| Mean | 13.2 | 13.0 | 14.1 | 12.6 | 13.6 | 14.0 | 13.4 | 21.2 | 21.0 | 22.0 | 20.5 | 21.6 | 22.1 | 21.4 | −0.3 | −0.2 | 2.3 | 4.0 | 1.9 | 0.5 | 1.4 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | | | Mean | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | 6 obs. | 24 h. |
| 1 | 2.8 | −5.4 | −1.3 | 8.2 | N | 4.0 | NNW | 6.9 | NNW | 8.0 | NNW | 5.9 | NNE | 0.7 | ESE | 2.2 | 4.6 | 3.6 |
| 2 | 2.2 | −8.0 | −2.9 | 10.2 | — | 0.0 | — | 0.0 | — | 0.0 | WNW | 0.4 | — | 0.2 | — | 0.0 | 0.1 | 0.3 |
| 3 | 8.2 | −1.5 | 3.4 | 9.7 | E | 1.3 | ENE | 2.6 | N | 0.9 | NW | 8.0 | NNE | 3.8 | NE | 3.8 | 3.4 | 3.5 |
| 4 | 5.4 | 1.1 | 3.3 | 4.3 | NE | 2.0 | NNW | 4.8 | WNW | 7.1 | NW | 4.6 | N | 5.2 | — | 0.0 | 4.0 | 3.1 |
| 5 | 8.8 | −2.4 | 3.2 | 11.2 | — | 0.0 | SSE | 0.4 | — | 0.0 | N | 0.9 | — | 0.2 | — | 0.0 | 0.3 | 0.6 |
| 6 | 10.8 | −3.2 | 3.8 | 14.0 | NW | 0.7 | — | 0.0 | — | 0.0 | SSE | 0.7 | S | 5.2 | NNW | 3.8 | 1.7 | 1.7 |
| 7 | 3.3 | −3.0 | 0.2 | 6.3 | NW | 5.7 | N | 6.9 | N | 5.5 | N | 5.2 | NNW | 5.5 | N | 2.6 | 5.2 | 5.2 |
| 8 | 5.0 | −7.2 | −1.1 | 12.2 | WNW | 0.7 | NW | 0.9 | — | 0.2 | SSE | 6.7 | SSE | 5.7 | SE | 2.8 | 2.8 | 2.5 |
| 9 | 3.7 | 1.2 | 2.5 | 2.5 | SSE | 3.8 | WSW | 2.4 | NNW | 0.9 | N | 2.0 | — | 0.2 | — | 0.0 | 1.6 | 1.0 |
| 10 | 4.3 | −4.2 | 0.1 | 8.5 | WNW | 1.5 | NNW | 4.0 | WNW | 3.4 | WNW | 3.2 | NW | 2.6 | W | 2.2 | 2.8 | 3.9 |
| 11 | 0.6 | −5.2 | −2.3 | 5.8 | WSW | 7.3 | NNW | 4.4 | E | 1.3 | WSW | 3.2 | SW | 2.2 | NW | 1.7 | 3.4 | 4.0 |
| 12 | 5.0 | −4.1 | 0.5 | 9.1 | NNW | 4.6 | NNW | 3.6 | NNW | 2.0 | N | 2.2 | SE | 2.2 | S | 4.6 | 3.2 | 3.1 |
| 13 | 9.2 | −0.7 | 4.3 | 9.9 | SSE | 6.3 | SSE | 4.2 | ENE | 2.6 | ENE | 4.2 | E | 2.0 | E | 1.1 | 3.4 | 3.1 |
| 14 | 2.6 | 0.4 | 1.5 | 2.2 | WNW | 0.4 | NE | 1.3 | NNW | 2.2 | — | 0.2 | — | 0.0 | — | 0.0 | 0.7 | 0.7 |
| 15 | 3.2 | 0.0 | 1.6 | 3.2 | — | 0.0 | — | 0.2 | NNW | 1.1 | SSW | 0.9 | SSE | 0.7 | ESE | 3.0 | 1.0 | 0.9 |
| 16 | 3.2 | 0.2 | 1.7 | 3.0 | — | 0.0 | — | 0.0 | — | 0.0 | NNW | 1.7 | NW | 1.1 | — | 0.0 | 0.5 | 0.5 |
| 17 | 7.8 | 2.2 | 5.0 | 5.6 | WNW | 1.3 | — | 0.0 | NW | 0.7 | NNE | 1.3 | NNW | 6.7 | NNW | 6.3 | 2.7 | 3.1 |
| 18 | 7.2 | −2.2 | 2.5 | 9.4 | NNW | 5.4 | NNW | 3.2 | NNW | 5.4 | NNW | 7.4 | NNW | 4.2 | ESE | 2.4 | 4.7 | 4.2 |
| 19 | 6.5 | −4.1 | 1.2 | 10.6 | — | 0.0 | — | 0.0 | — | 0.0 | SSE | 5.2 | S | 3.8 | NNW | 1.3 | 1.7 | 1.4 |
| 20 | 7.6 | 2.6 | 5.1 | 5.0 | NW | 1.1 | NNW | 3.0 | NW | 3.2 | NE | 2.8 | NNW | 7.3 | — | 0.0 | 2.9 | 3.2 |
| 21 | 7.2 | 2.2 | 4.7 | 5.0 | — | 0.0 | — | 0.0 | — | 0.0 | SSE | 1.5 | SW | 0.9 | — | 0.2 | 0.4 | 0.5 |
| 22 | 6.1 | −0.2 | 3.0 | 6.3 | — | 0.0 | N | 2.6 | ENE | 0.4 | NNW | 5.7 | N | 1.3 | SE | 0.9 | 1.8 | 1.9 |
| 23 | 2.3 | −1.4 | 0.5 | 3.7 | NNW | 4.2 | N | 4.6 | WNW | 5.7 | WNW | 4.0 | NW | 4.0 | NNW | 2.8 | 4.2 | 4.5 |
| 24 | 2.6 | −2.1 | 0.3 | 4.7 | — | 0.0 | — | 0.0 | NNW | 0.7 | NNW | 4.4 | NW | 4.6 | NNW | 5.2 | 2.5 | 2.7 |
| 25 | 3.9 | −3.8 | 0.1 | 7.7 | NE | 0.9 | NNW | 7.3 | WNW | 4.4 | WNW | 7.8 | NW | 3.0 | ENE | 3.8 | 4.5 | 4.9 |
| 26 | 2.6 | −3.1 | −0.2 | 5.7 | NNW | 5.4 | NNW | 2.8 | NNW | 0.4 | S | 3.0 | WNW | 3.2 | — | 0.2 | 2.5 | 2.5 |
| 27 | 6.6 | −5.0 | 0.8 | 11.6 | N | 2.4 | N | 2.6 | SW | 1.5 | WNW | 8.0 | WSW | 3.0 | WSW | 2.2 | 3.3 | 2.8 |
| 28 | 5.6 | −3.7 | 1.0 | 9.3 | E | 1.5 | SSW | 0.7 | SSW | 0.4 | NE | 0.9 | WNW | 0.7 | NE | 0.7 | 0.8 | 1.2 |
| 29 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | |
| Mean | 5.2 | −2.2 | 1.5 | 7.3 | | 2.2 | | 2.5 | | 2.1 | | 3.6 | | 2.9 | | 1.9 | 2.5 | 2.5 |

# FEBRUARY, 1959.

| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 4.5 | 3.9 | 5.0 | 4.6 | 5.0 | 4.4 | 4.6 | 10 | 10 | 10 | 8 | 10 | 0 | 8.0 | — | — | ns | — | as | — | — | — | ns | — | — | sc,st | — | — | sc | — | — | — |
| 2 | 3.6 | 3.2 | 4.4 | 4.9 | 5.7 | 5.8 | 4.6 | 0 | 10 | 10 | 10 | 10 | 9 | 8.2 | — | — | — | cs,ci | — | — | — | as | — | — | — | st | — | — | ns | — | — | st |
| 3 | 5.5 | 6.0 | 5.8 | 4.6 | 5.0 | 5.5 | 5.4 | 2 | 8 | 5 | 4 | 1 | 5 | 4.2 | — | — | sc | — | — | sc | ci | — | sc | cs | — | sc | — | — | cu | cs | — | sc |
| 4 | 5.1 | 4.5 | 4.4 | 4.4 | 5.9 | 6.2 | 5.1 | 10 | 8 | 7 | 8 | 10 | 10 | 8.8 | cs | — | sc | — | — | sc | — | — | sc cu | — | — | sc,cu | — | — | ns | — | — | ns |
| 5 | 6.4 | 5.6 | 5.4 | 4.6 | 5.4 | 4.9 | 5.4 | 10 | 0 | 0 | 0 | 0 | 0 | 1.7 | — | — | ns | — | — | cu | — | — | — | — | — | sc | — | — | sc | — | — | — |
| 6 | 4.6 | 4.5 | 5.4 | 7.1 | 7.1 | 6.3 | 5.8 | 0 | 6 | 10 | 1 | 10 | 10 | 6.2 | — | — | — | cs | — | — | — | — | sc | — | — | sc | — | as | sc | — | ac | sc |
| 7 | 4.3 | 3.7 | 3.5 | 3.9 | 3.5 | 3.7 | 3.8 | 10 | 10 | 8 | 2 | 0 | 0 | 5.0 | — | ac | — | — | ac | sc | ci | — | cu | ci | — | sc | — | — | sc | — | — | — |
| 8 | 3.4 | 3.6 | 3.7 | 3.7 | 4.8 | 5.2 | 4.1 | 0 | 0 | 0 | 1 | 2 | 10 | 2.2 | — | — | — | — | — | — | — | — | — | cc | — | — | — | — | sc | — | — | sc |
| 9 | 5.4 | 5.7 | 6.2 | 6.7 | 6.9 | 7.0 | 6.3 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | as | — | — | as | — | — | — | ns | — | — | ns | — | — | ns |
| 10 | 7.1 | 6.1 | 5.6 | 4.8 | 4.1 | 4.1 | 5.3 | 10 | 8 | 10 | 10 | 7 | 10 | 9.2 | — | — | ns | — | — | sc | — | — | ns,sc | — | — | ns | — | — | ns | — | — | ns |
| 11 | 3.7 | 3.2 | 3.9 | 5.3 | 3.2 | 4.1 | 3.9 | 10 | 2 | 10 | 10 | 0 | 10 | 7.0 | — | — | ns | — | — | st,sc | — | — | ns | — | — | ns | — | — | sc | — | — | ns |
| 12 | 3.6 | 3.6 | 4.2 | 4.8 | 4.5 | 4.6 | 4.2 | 10 | 10 | 5 | 9 | 4 | 1 | 6.5 | — | — | st | — | — | sc,st | — | — | sc | — | — | sc | cs | — | sc | — | — | sc |
| 13 | 4.4 | 5.5 | 7.4 | 5.9 | 5.8 | 5.4 | 5.7 | 3 | 8 | 9 | 10 | 7 | 10 | 7.8 | — | — | sc | — | — | sc | — | — | sc,cu | — | — | sc,cu | — | — | sc | — | — | sc |
| 14 | 6.5 | 6.1 | 6.2 | 6.6 | 6.5 | 6.0 | 6.3 | 0 | 10 | 10 | 10 | 10 | 10 | 8.3 | — | — | sc | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 15 | 6.1 | 5.9 | 6.3 | 6.3 | 6.3 | 5.8 | 6.1 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | st | — | — | st | — | as | — | — | as | — | — | as | — |
| 16 | 6.0 | 6.1 | 6.4 | 6.9 | 7.2 | 7.2 | 6.6 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | st | — | — | st |
| 17 | 7.2 | 7.1 | 7.6 | 9.2 | 7.9 | 7.1 | 7.7 | 10 | 10 | 10 | 10 | 8 | 10 | 9.7 | — | — | ns | — | — | ns | — | — | ns | — | as | sc | cs | — | sc | — | as | sc |
| 18 | 6.6 | 6.4 | 5.6 | 5.1 | 4.9 | 4.5 | 5.5 | 10 | 10 | 7 | 3 | 3 | 0 | 5.5 | — | as | sc | — | as | sc | cs | ac | sc | cs | — | cu | — | ac | — | — | — | — |
| 19 | 4.3 | 4.2 | 5.4 | 6.9 | 6.8 | 7.2 | 5.8 | 0 | 7 | 10 | 10 | 10 | 10 | 7.8 | — | — | — | — | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | ns |
| 20 | 7.2 | 7.5 | 7.5 | 7.7 | 6.6 | 6.5 | 7.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | — | sc,st | — | as | sc | — | — | sc |
| 21 | 6.8 | 6.7 | 7.2 | 7.3 | 7.3 | 6.9 | 7.0 | 10 | 10 | 10 | 10 | 10 | 8 | 9.7 | — | — | sc | — | — | sc | — | as | sc | — | as | sc | — | — | sc | cs | — | sc |
| 22 | 6.6 | 5.0 | 4.5 | 5.8 | 5.5 | 4.9 | 5.4 | 9 | 4 | 7 | 10 | 10 | 3 | 7.2 | — | — | sc | — | ac | sc | — | — | cu | — | — | ns,st | — | — | ns | — | — | sc |
| 23 | 4.1 | 4.2 | 4.1 | 3.5 | 3.9 | 4.1 | 4.0 | 7 | 6 | 10 | 10 | 10 | 10 | 8.8 | — | — | cu | — | — | sc,st | — | — | st,cu | — | — | sc | — | — | ns | — | — | st |
| 24 | 4.3 | 4.7 | 5.5 | 4.3 | 4.6 | 3.9 | 4.6 | 10 | 10 | 10 | 10 | 2 | 7 | 8.2 | — | — | st | — | as | sc | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 25 | 4.5 | 4.2 | 4.2 | 5.1 | 4.0 | 3.8 | 4.3 | 10 | 9 | 3 | 3 | 1 | 10 | 6.0 | — | — | ns | — | — | sc | — | — | sc,cu | — | — | st,cu | — | — | st | — | — | st |
| 26 | 3.8 | 3.9 | 3.7 | 4.5 | 3.9 | 4.1 | 4.0 | 10 | 10 | 10 | 9 | 0 | 0 | 6.5 | — | — | ns | — | — | ns | — | — | sc,st | — | — | sc | — | — | sc | — | — | — |
| 27 | 3.8 | 3.4 | 4.6 | 4.4 | 5.1 | 4.1 | 4.2 | 0 | 0 | 3 | 8 | 8 | 2 | 3.5 | — | — | — | — | — | sc | — | — | cu | — | — | sc | — | — | sc | — | — | sc |
| 28 | 5.0 | 5.0 | 5.3 | 4.9 | 4.7 | 4.1 | 4.8 | 8 | 10 | 10 | 10 | 0 | 0 | 6.3 | — | — | sc | — | — | sc | — | — | ns | — | — | sc,cu | — | — | cu | — | — | — |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mean | 5.2 | 5.0 | 5.3 | 5.5 | 5.4 | 5.3 | 5.3 | 7.1 | 7.7 | 8.0 | 7.7 | 6.2 | 6.6 | 7.2 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P.M. |
| 1 | 1.9 | 182 | 1.4 | | 91 | 62 | 78 | 67 | 76 | 92 | 78 | 0.5 | 0.3 | 0.1 | — | — | — | 0.9 | ⊟,⚹,⊠ | ⊟,⚹,⊠ |
| 2 | — | 91 | (1.0) | | 94 | 93 | 86 | 71 | 91 | 95 | 88 | — | — | — | — | 0.4 | 0.8 | 1.2 | ⊟,⊠ | ⊟,⚹,●,⊠ |
| 3 | 6.3 | 232 | 2.9 | | 93 | 71 | 54 | 50 | 61 | 64 | 66 | — | — | — | — | — | — | — | ⊟,◊,⊠ | ◊,⊠ |
| 4 | 4.8 | 231 | (1.3) | | 64 | 59 | 50 | 53 | 82 | 93 | 67 | — | — | — | — | 0.0 | 0.8 | 0.8 | ◊,⊠ | ◊,⊠,● |
| 5 | 9.1 | 243 | 1.8 | | 97 | 94 | 59 | 41 | 76 | 89 | 76 | 1.1 | — | — | — | — | — | 1.1 | ⊟,⊔,●,⊠ | ⊟,⊠ |
| 6 | 3.8 | 193 | 2.6 | | 93 | 91 | 83 | 68 | 60 | 73 | 78 | — | — | — | — | — | — | — | ⊟,⊔,∞,⊠ | ∽,⊠ |
| 7 | 7.7 | 263 | 2.1 | | 64 | 64 | 54 | 52 | 55 | 70 | 60 | — | — | — | — | — | — | — | ⊟,◊,⊠ | ◊,⊟,⊠ |
| 8 | 8.8 | 280 | 2.1 | | 80 | 92 | 70 | 43 | 70 | 80 | 73 | — | — | — | — | — | — | — | ⊟,⊔ | ⊟ |
| 9 | — | 42 | (0.8) | | 76 | 85 | 87 | 88 | 98 | 97 | 89 | — | — | — | 0.6 | 3.4 | 6.8 | 10.8 | ● | ●,9 |
| 10 | 1.3 | 152 | (0.6) | | 98 | 80 | 77 | 72 | 79 | 90 | 83 | 8.1 | 0.4 | 0.2 | 0.2 | 0.1 | 0.2 | 9.2 | ●,⚹,⛌,◤ | ⊟,⚹,⊠,⊠ |
| 11 | 2.3 | 209 | (0.7) | | 87 | 70 | 63 | 87 | 68 | 90 | 78 | 0.6 | 1.5 | 0.0 | 0.8 | 0.2 | 1.8 | 4.9 | ⊟,⚹,↠,⊠,◤ | ⊟,⚹,⊠,⊠ |
| 13 | 7.8 | 283 | 2.5 | | 76 | 73 | 63 | 62 | 70 | 74 | 70 | 0.0 | — | — | — | — | — | 0.0 | ⊟,◊,⊠ | ⊟,◊,⊠ |
| 12 | 2.1 | 114 | (0.7) | | 71 | 66 | 71 | 54 | 74 | 83 | 70 | — | — | — | — | — | — | — | ⊟,◊ | — |
| 14 | — | 69 | (0.1) | | 92 | 85 | 98 | 97 | 93 | 95 | 93 | — | 0.0 | 3.2 | 1.2 | 0.2 | 1.7 | 6.3 | ●,⚹,⊠,⊠ | ⚹,9,●,⊠,⊠ |
| 15 | — | 82 | (0.8) | | 97 | 96 | 93 | 84 | 89 | 84 | 91 | 1.0 | 0.5 | — | — | — | — | 1.5 | ⊟,⚹,⊠,⛌,● | ● |
| 16 | — | 94 | (0.2) | | 95 | 98 | 95 | 97 | 97 | 97 | 97 | 1.3 | 3.4 | 2.6 | 0.4 | 0.0 | — | 7.7 | ⊟⚹⊠⊠●9 | 9,⊠ |
| 17 | 0.8 | 62 | (1.2) | | 100 | 98 | 95 | 92 | 82 | 75 | 90 | 0.3 | 4.9 | 3.4 | 1.3 | — | — | 9.9 | ● | ●,⊔ |
| 18 | 5.9 | 282 | 2.4 | | 74 | 80 | 58 | 54 | 64 | 72 | 67 | — | — | — | — | — | — | — | ◊ | ⊟,◊ |
| 19 | 0.8 | 116 | (0.0) | | 90 | 92 | 88 | 76 | 81 | 94 | 87 | — | — | — | — | — | 0.2 | 0.2 | ⊟,⊔ | ● |
| 20 | 0.9 | 115 | (0.7) | | 97 | 98 | 96 | 82 | 72 | 82 | 88 | 2.6 | 10.2 | 5.0 | 0.4 | — | — | 18.2 | ●,9 | 9,◤ |
| 21 | 0.3 | 101 | (1.1) | | 89 | 93 | 83 | 73 | 80 | 92 | 85 | — | 0.1 | — | — | — | 0.1 | 0.2 | ● | ●,◊ |
| 22 | 2.7 | 104 | 1.0 | | 93 | 68 | 51 | 73 | 77 | 77 | 73 | 0.1 | — | — | 0.0 | 0.0 | 0.0 | 0.1 | ◊,● | ⊟,⚹ |
| 23 | 1.5 | 176 | (1.4) | | 62 | 67 | 59 | 54 | 67 | 72 | 64 | — | — | 0.0 | — | 0.0 | 0.0 | 0.0 | ⊟,⚹ | ⊟,⚹ |
| 24 | 1.4 | 139 | (2.0) | | 77 | 89 | 90 | 61 | 80 | 70 | 78 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | — | 0.1 | ⊟,⚹,⊠,⊠ | ⊟,⚹ |
| 25 | 7.8 | 324 | (2.0) | | 90 | 79 | 70 | 67 | 74 | 71 | 75 | 1.1 | 0.1 | — | — | 0.1 | — | 1.3 | ⊟,◊,⚹,⊠,⊠ | ⊟,⚹,⊠,⊠,◤ |
| 26 | 4.0 | 237 | 2.4 | | 76 | 79 | 61 | 65 | 67 | 83 | 72 | 0.2 | 0.1 | 0.0 | 0.0 | — | — | 0.3 | ⊟,⚹,⊠ | ⊟,⚹ |
| 27 | 7.3 | 314 | 2.1 | | 77 | 78 | 60 | 53 | 72 | 61 | 67 | — | — | — | — | — | — | — | ⊟,⊔,◊ | ◊,⊟ |
| 28 | 2.3 | 150 | 1.2 | | 82 | 82 | 78 | 57 | 74 | 82 | 76 | — | 0.0 | 0.0 | 0.0 | — | — | 0.0 | ⊟,⚹ | ◊,⊟,⊔ |
| 29 | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | |
| | 91.6 | 4880 | 39.1 | | 85 | 82 | 74 | 68 | 76 | 82 | 78 | 16.9 | 21.5 | 14.6 | 4.9 | 4.4 | 12.4 | 74.7 | | |

# MARCH, 1959.

| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 24.0 | 23.2 | 20.6 | 15.2 | 12.1 | 8.2 | 17.2 | 32.3 | 31.6 | 28.7 | 23.1 | 20.1 | 16.2 | 25.3 | -4.2 | -6.4 | -1.8 | 4.7 | 1.6 | 1.2 | -0.8 |
| 2 | 4.7 | 2.3 | 3.6 | 0.7 | 1.2 | 1.8 | 2.4 | 12.7 | 10.2 | 11.4 | 8.4 | 9.0 | 9.8 | 10.3 | 1.2 | 1.0 | 6.1 | 9.9 | 4.9 | 1.6 | 4.1 |
| 3 | 1.6 | 6.5 | 10.1 | 11.2 | 17.3 | 18.2 | 10.8 | 9.6 | 14.5 | 18.0 | 19.1 | 25.3 | 26.3 | 18.8 | 0.3 | 0.4 | 1.8 | 3.1 | 0.9 | 1.1 | 1.3 |
| 4 | 19.5 | 21.7 | 20.7 | 15.7 | 15.5 | 12.5 | 17.6 | 27.7 | 29.8 | 28.7 | 23.6 | 23.5 | 20.5 | 25.6 | 1.0 | 0.3 | 4.8 | 7.3 | 3.8 | 2.7 | 3.3 |
| 5 | 12.7 | 13.5 | 14.7 | 12.4 | 13.2 | 12.7 | 13.2 | 20.6 | 21.3 | 22.4 | 20.0 | 21.0 | 20.7 | 21.0 | 4.7 | 5.5 | 11.9 | 13.0 | 8.1 | 2.9 | 7.7 |
| 6 | 11.8 | 11.5 | 12.1 | 9.8 | 12.1 | 13.7 | 11.8 | 19.8 | 19.5 | 20.0 | 17.6 | 20.1 | 21.6 | 19.8 | 1.8 | 2.7 | 4.5 | 5.6 | 4.1 | 2.9 | 3.6 |
| 7 | 12.9 | 14.6 | 15.6 | 14.3 | 15.2 | 15.7 | 14.7 | 20.9 | 22.6 | 23.5 | 22.2 | 23.2 | 23.7 | 22.7 | 2.7 | 2.2 | 4.3 | 4.7 | 3.7 | 2.8 | 3.4 |
| 8 | 14.1 | 11.9 | 8.8 | 0.0 | 996.2 | 995.8 | 4.5 | 22.1 | 19.9 | 16.8 | 7.9 | 3.9 | 3.5 | 12.4 | 2.2 | 2.0 | 3.1 | 4.1 | 4.9 | 7.8 | 4.0 |
| 9 | 999.0 | 1.7 | 7.0 | 8.0 | 11.4 | 14.9 | 7.0 | 6.9 | 9.6 | 14.8 | 15.8 | 19.3 | 22.8 | 14.9 | 6.1 | 4.7 | 6.6 | 7.4 | 4.8 | 4.1 | 5.6 |
| 10 | 15.7 | 16.3 | 15.1 | 11.0 | 10.0 | 6.6 | 12.5 | 23.8 | 24.4 | 23.0 | 18.9 | 17.9 | 14.6 | 20.4 | 0.9 | -0.6 | 6.9 | 7.0 | 4.7 | 2.8 | 3.6 |
| 11 | 3.2 | 1.9 | 2.5 | 1.5 | 2.6 | 3.4 | 2.5 | 11.1 | 9.8 | 10.2 | 9.1 | 10.4 | 11.3 | 10.3 | 2.7 | 2.6 | 10.1 | 12.2 | 7.1 | 4.2 | 6.5 |
| 12 | 4.1 | 5.9 | 7.0 | 6.6 | 7.9 | 7.0 | 6.4 | 12.0 | 13.9 | 14.9 | 14.5 | 15.9 | 15.1 | 14.4 | 2.9 | 0.6 | 7.5 | 6.9 | 2.4 | -0.4 | 3.3 |
| 13 | 8.0 | 10.1 | 9.2 | 9.5 | 10.7 | 11.8 | 9.9 | 16.0 | 18.1 | 17.1 | 17.5 | 18.8 | 19.9 | 17.9 | -0.5 | -1.4 | 1.8 | 0.4 | -1.3 | -2.8 | -0.6 |
| 14 | 11.2 | 11.2 | 12.0 | 10.5 | 11.7 | 13.5 | 11.7 | 19.4 | 19.3 | 20.0 | 18.3 | 19.7 | 21.4 | 19.7 | -3.7 | -1.4 | 2.2 | 3.8 | 2.4 | 2.4 | 1.0 |
| 15 | 14.5 | 16.3 | 17.6 | 16.6 | 17.6 | 18.6 | 16.9 | 22.5 | 24.3 | 25.6 | 24.4 | 25.6 | 26.7 | 24.9 | 2.0 | 1.6 | 6.5 | 8.6 | 3.3 | 0.6 | 3.8 |
| 16 | 17.7 | 18.7 | 17.5 | 15.3 | 15.8 | 17.3 | 17.1 | 25.9 | 26.8 | 25.5 | 23.2 | 23.9 | 25.3 | 25.1 | -2.1 | -2.2 | 4.8 | 8.7 | 3.2 | 1.1 | 2.3 |
| 17 | 16.8 | 17.0 | 17.6 | 14.7 | 15.1 | 16.2 | 16.2 | 25.0 | 25.1 | 25.6 | 22.5 | 23.1 | 24.2 | 24.3 | 0.0 | -1.2 | 4.9 | 8.5 | 3.0 | 1.4 | 2.8 |
| 18 | 15.4 | 14.7 | 16.3 | 12.8 | 14.3 | 16.3 | 15.0 | 23.5 | 22.9 | 24.3 | 20.7 | 22.2 | 24.4 | 23.0 | -0.8 | -2.0 | 3.4 | 7.5 | 4.4 | -0.3 | 2.0 |
| 19 | 16.9 | 18.1 | 17.0 | 14.5 | 13.6 | 12.7 | 15.5 | 25.1 | 26.3 | 24.8 | 22.1 | 21.4 | 20.6 | 23.4 | -3.0 | -4.2 | 7.3 | 10.8 | 6.7 | 5.3 | 3.8 |
| 20 | 11.5 | 10.9 | 11.3 | 10.6 | 12.3 | 15.0 | 11.9 | 19.4 | 18.8 | 19.1 | 18.4 | 20.2 | 23.0 | 19.8 | 4.1 | 2.8 | 7.9 | 5.1 | 4.8 | 3.2 | 4.7 |
| 21 | 16.0 | 18.0 | 19.4 | 18.2 | 18.4 | 20.7 | 18.5 | 24.1 | 26.2 | 27.4 | 26.0 | 26.4 | 28.8 | 26.5 | -0.2 | -1.4 | 6.0 | 10.1 | 4.1 | 1.4 | 3.3 |
| 22 | 18.7 | 17.6 | 14.1 | 9.9 | 6.4 | 3.0 | 11.6 | 26.7 | 25.7 | 21.9 | 17.7 | 14.4 | 11.0 | 19.6 | 1.6 | 1.9 | 4.1 | 1.8 | 1.2 | 1.1 | 2.0 |
| 23 | 999.7 | 999.4 | 999.9 | 999.1 | 5.1 | 10.2 | 2.2 | 7.7 | 7.3 | 7.8 | 6.9 | 13.0 | 18.1 | 10.1 | 0.8 | 1.0 | 5.3 | 6.5 | 4.8 | 3.3 | 3.6 |
| 24 | 11.0 | 11.6 | 12.3 | 9.8 | 10.6 | 9.8 | 10.9 | 19.0 | 19.6 | 20.2 | 17.6 | 18.4 | 17.6 | 18.7 | 2.0 | 1.8 | 4.5 | 6.7 | 4.2 | 3.5 | 3.8 |
| 25 | 9.0 | 9.4 | 9.4 | 8.4 | 8.8 | 10.7 | 9.3 | 16.9 | 17.2 | 17.2 | 16.2 | 16.7 | 18.6 | 17.1 | 3.7 | 3.4 | 6.9 | 7.6 | 6.4 | 4.3 | 5.4 |
| 26 | 10.6 | 11.9 | 12.3 | 11.2 | 13.1 | 15.3 | 12.4 | 18.6 | 19.9 | 20.2 | 19.0 | 21.0 | 23.3 | 20.3 | 2.4 | 3.1 | 7.3 | 10.2 | 4.7 | 3.3 | 5.2 |
| 27 | 15.1 | 17.1 | 18.1 | 15.8 | 17.5 | 19.9 | 17.3 | 23.1 | 25.2 | 26.0 | 23.7 | 25.5 | 27.9 | 25.2 | 2.7 | 0.6 | 6.8 | 9.7 | 5.2 | 3.3 | 4.7 |
| 28 | 19.2 | 19.3 | 18.9 | 16.5 | 16.1 | 15.8 | 17.6 | 27.3 | 27.4 | 26.9 | 24.3 | 24.0 | 23.7 | 25.6 | 1.4 | 1.8 | 5.9 | 10.1 | 8.0 | 6.8 | 5.7 |
| 29 | 12.9 | 11.5 | 10.1 | 6.8 | 6.5 | 5.8 | 8.9 | 20.8 | 19.4 | 17.8 | 14.6 | 14.3 | 13.6 | 16.8 | 6.9 | 6.8 | 7.7 | 9.7 | 8.8 | 8.5 | 8.1 |
| 30 | 1.5 | 999.0 | 996.9 | 993.4 | 993.0 | 999.8 | 997.3 | 9.3 | 6.7 | 4.4 | 0.9 | 0.5 | 7.6 | 4.9 | 7.9 | 8.9 | 11.7 | 13.2 | 14.3 | 7.9 | 10.7 |
| 31 | 3.2 | 6.1 | 7.8 | 7.4 | 9.4 | 11.6 | 7.6 | 11.0 | 14.0 | 15.5 | 15.0 | 17.2 | 19.6 | 15.4 | 6.5 | 4.9 | 10.7 | 13.1 | 6.7 | 2.4 | 7.4 |
| Mean | 11.4 | 11.9 | 12.1 | 9.9 | 10.7 | 11.4 | 11.2 | 19.4 | 19.9 | 20.0 | 17.7 | 18.6 | 19.4 | 19.2 | 1.7 | 1.3 | 5.9 | 7.7 | 4.7 | 2.9 | 4.0 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | Mean | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | 6 obs. | 24 h. |
| 1 | 4.7 | -6.4 | -0.8 | 11.1 | NW | 0.9 | — | 0.0 | — | 0.0 | S | 4.6 | — | 0.0 | — | 0.0 | 0.9 | 0.6 |
| 2 | 10.2 | 0.6 | 5.4 | 9.6 | — | 0.0 | W | 0.9 | ENE | 2.0 | WSW | 6.1 | WNW | 3.0 | NW | 2.0 | 2.3 | 2.6 |
| 3 | 3.8 | -1.0 | 1.4 | 4.8 | S | 1.5 | WNW | 7.6 | WNW | 14.2 | WNW | 16.3 | NW | 7.1 | NNW | 8.7 | 9.2 | 9.4 |
| 4 | 7.8 | -1.5 | 3.2 | 9.3 | NNW | 5.2 | SSE | 0.7 | SSE | 4.0 | E | 0.4 | N | 1.3 | W | 2.6 | 2.4 | 2.3 |
| 5 | 14.1 | 1.5 | 7.8 | 12.6 | WNW | 4.2 | NW | 1.1 | E | 0.7 | NNW | 3.4 | N | 1.5 | — | 0.2 | 1.9 | 2.8 |
| 6 | 5.9 | 0.8 | 3.4 | 5.1 | — | 0.2 | WSW | 0.4 | — | 0.0 | NNE | 0.7 | N | 0.7 | WSW | 0.7 | 0.5 | 0.4 |
| 7 | 4.8 | 2.2 | 3.5 | 2.6 | — | 0.0 | WNW | 0.9 | S | 0.4 | W | 0.9 | — | 0.0 | — | 0.0 | 0.4 | 0.6 |
| 8 | 8.6 | 1.8 | 5.2 | 6.8 | — | 0.0 | — | 0.0 | — | 0.0 | NNW | 3.0 | NNW | 2.2 | N | 5.5 | 1.8 | 2.0 |
| 9 | 8.1 | 3.2 | 5.7 | 4.9 | N | 8.7 | N | 10.8 | WNW | 10.7 | NW | 8.9 | NNW | 6.7 | NNW | 6.1 | 8.7 | 7.4 |
| 10 | 8.0 | -0.6 | 3.7 | 8.6 | ESE | 0.7 | — | 0.2 | SSE | 2.0 | S | 7.8 | S | 6.9 | SW | 1.5 | 3.2 | 3.4 |
| 11 | 12.9 | 2.4 | 7.7 | 10.5 | — | 0.0 | ENE | 0.4 | — | 0.2 | W | 9.3 | NNW | 5.2 | WNW | 0.4 | 2.6 | 1.9 |
| 12 | 8.4 | -0.4 | 4.0 | 8.8 | WNW | 1.7 | — | 0.0 | ENE | 0.9 | WNW | 5.7 | NNW | 0.9 | — | 0.0 | 1.5 | 2.0 |
| 13 | 4.1 | -4.1 | 0.0 | 8.2 | N | 1.5 | N | 3.2 | WNW | 4.0 | WNW | 7.8 | NW | 1.1 | W | 0.9 | 3.1 | 3.5 |
| 14 | 6.2 | -4.3 | 1.0 | 10.5 | NW | 1.3 | NNW | 3.6 | SSE | 1.3 | W | 6.7 | WNW | 7.6 | NW | 3.2 | 4.0 | 4.7 |
| 15 | 9.2 | -1.0 | 4.1 | 10.2 | WNW | 5.2 | N | 4.0 | NW | 5.7 | WNW | 8.0 | NW | 4.4 | NW | 2.6 | 5.0 | 4.4 |
| 16 | 9.6 | -2.6 | 3.5 | 12.2 | ENE | 1.3 | SE | 0.4 | — | 0.2 | W | 8.2 | W | 1.7 | SSW | 4.4 | 2.7 | 2.3 |
| 17 | 9.3 | -1.4 | 4.0 | 10.7 | ESE | 0.9 | NNW | 1.3 | WNW | 1.5 | WSW | 1.7 | SSE | 3.6 | SSW | 1.3 | 1.7 | 2.0 |
| 18 | 7.9 | -2.4 | 2.8 | 10.3 | NNW | 1.1 | N | 0.9 | WNW | 1.5 | NNW | 4.6 | N | 7.1 | — | 0.0 | 2.5 | 3.0 |
| 19 | 11.7 | -4.8 | 3.5 | 16.5 | — | 0.0 | — | 0.0 | — | 0.2 | WNW | 6.5 | W | 6.5 | SW | 3.0 | 2.7 | 2.3 |
| 20 | 10.0 | 0.9 | 5.5 | 9.1 | NNE | 3.6 | — | 0.2 | SE | 2.0 | NNW | 4.0 | W | 3.2 | NE | 0.4 | 2.2 | 2.3 |
| 21 | 10.2 | -1.6 | 4.3 | 11.8 | NNW | 1.3 | — | 0.0 | N | 3.4 | NNW | 3.2 | SSE | 3.6 | S | 4.4 | 2.7 | 2.5 |
| 22 | 4.6 | 0.6 | 2.6 | 4.0 | S | 2.8 | SSW | 1.7 | S | 4.4 | SSE | 4.4 | WSW | 2.2 | — | 0.0 | 2.6 | 2.4 |
| 23 | 8.8 | 0.4 | 4.6 | 8.4 | — | 0.0 | NE | 2.2 | NE | 0.7 | W | 6.5 | N | 5.0 | N | 3.0 | 2.9 | 2.5 |
| 24 | 7.3 | 1.2 | 4.3 | 6.1 | — | 0.0 | SSE | 2.8 | S | 5.2 | SSE | 3.4 | S | 2.0 | — | 0.0 | 2.2 | 2.3 |
| 25 | 8.8 | 3.0 | 5.9 | 5.8 | — | 0.0 | — | 0.0 | NNE | 0.7 | SSE | 2.6 | SSE | 2.4 | SSW | 3.6 | 1.6 | 1.4 |
| 26 | 11.0 | 2.3 | 6.7 | 8.7 | — | 0.0 | — | 0.0 | WNW | 1.3 | S | 5.5 | SSE | 5.0 | S | 2.8 | 2.4 | 1.9 |
| 27 | 10.1 | 0.6 | 5.4 | 9.5 | — | 0.0 | — | 0.0 | — | 0.2 | SW | 2.2 | SSE | 5.7 | S | 3.2 | 1.9 | 1.9 |
| 28 | 10.2 | 1.0 | 5.6 | 9.2 | — | 0.2 | — | 0.0 | — | 0.0 | SSE | 3.8 | SSE | 5.4 | S | 2.6 | 2.0 | 2.3 |
| 29 | 10.2 | 6.4 | 8.3 | 3.8 | SSW | 1.3 | — | 0.2 | S | 6.9 | S | 6.3 | — | 0.2 | — | 0.0 | 2.5 | 2.1 |
| 30 | 14.4 | 7.3 | 10.9 | 7.1 | — | 0.0 | — | 0.2 | SSE | 7.1 | S | 5.7 | N | 2.6 | NNW | 9.4 | 4.2 | 4.1 |
| 31 | 13.3 | 1.1 | 7.2 | 12.2 | NW | 8.5 | WNW | 4.2 | NW | 4.8 | WNW | 7.3 | WNW | 3.0 | — | 0.0 | 4.6 | 4.1 |
| Mean | 8.8 | 0.2 | 4.5 | 8.7 | | 1.7 | | 1.5 | | 2.8 | | 5.3 | | 3.5 | | 2.3 | 2.9 | 2.8 |

# MARCH, 1959.



| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 4.0 | 3.6 | 4.4 | 5.5 | 6.3 | 6.4 | 5.0 | 0 | 2 | 10 | 10 | 10 | 10 | 7.0 | — | — | — | ci | — | — | — | as | — | — | as | — | — | — | ns | — | — | ns |
| 2 | 6.4 | 6.3 | 6.5 | 6.4 | 7.3 | 6.6 | 6.6 | 10 | 10 | 10 | 4 | 10 | 10 | 9.0 | — | — | st | — | — | sc | — | — | sc | cs | — | cu | — | — | ns | — | — | ns |
| 3 | 6.0 | 4.5 | 4.7 | 4.7 | 4.0 | 3.8 | 4.6 | 10 | 10 | 4 | 4 | 3 | 4 | 5.8 | — | — | ns | — | — | ns | — | — | st | — | — | st,cu | — | — | sc | — | — | sc |
| 4 | 4.3 | 4.5 | 4.6 | 5.1 | 4.7 | 5.7 | 4.8 | 0 | 3 | 7 | 10 | 3 | 6 | 4.8 | — | — | — | — | — | sc | ci | — | sc | cs | — | — | — | — | sc | — | — | sc |
| 5 | 6.7 | 6.4 | 7.0 | 7.9 | 7.7 | 6.7 | 7.1 | 2 | 2 | 1 | 10 | 4 | 0 | 3.2 | — | — | sc | — | — | sc | — | — | cu | ci | — | cu | — | — | sc | — | — | — |
| 6 | 6.6 | 6.9 | 8.2 | 8.3 | 7.9 | 7.0 | 7.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | cs | — | — | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 7 | 7.3 | 6.9 | 6.8 | 6.8 | 7.2 | 6.5 | 6.9 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | sc | — | — | st | — | — | st | — | — | st |
| 8 | 6.9 | 6.8 | 7.3 | 7.9 | 8.5 | 8.7 | 7.7 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | ns | — | — | ns | — | — | ns | — | — | ns sc | — | — | sc |
| 9 | 7.2 | 6.1 | 6.9 | 6.5 | 6.3 | 5.4 | 6.4 | 10 | 5 | 2 | 7 | 1 | 0 | 4.2 | — | — | ns | — | — | sc | — | — | sc | — | — | sc,cu | — | — | sc | — | — | — |
| 10 | 5.1 | 5.4 | 5.8 | 6.6 | 7.8 | 7.0 | 6.3 | 0 | 10 | 10 | 10 | 10 | 10 | 8.3 | — | — | — | cs | — | — | cs | — | — | — | as | sc | — | — | ns | — | — | ns |
| 11 | 7.3 | 7.1 | 9.1 | 7.2 | 7.0 | 6.7 | 7.4 | 10 | 10 | 8 | 3 | 6 | 2 | 6.5 | — | — | ns | — | — | st | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 12 | 6.7 | 5.7 | 6.0 | 5.7 | 5.5 | 5.3 | 5.8 | 3 | 4 | 8 | 10 | 4 | 10 | 6.5 | — | — | sc | — | ac | sc | cs | — | sc | cs | — | sc | ci | — | sc | — | — | sc |
| 13 | 5.9 | 5.0 | 4.5 | 5.6 | 4.9 | 4.6 | 5.1 | 10 | 4 | 2 | 10 | 6 | 0 | 5.3 | — | — | ns | — | — | st,cu | — | — | sc | — | — | st,sc | — | — | st | — | — | — |
| 14 | 3.7 | 4.2 | 5.1 | 6.6 | 5.9 | 5.4 | 5.2 | 0 | 4 | 10 | 9 | 6 | 0 | 4.8 | — | — | — | — | — | sc | — | — | sc | — | ac | sc,st | — | — | sc | — | — | cu |
| 15 | 5.3 | 5.3 | 5.9 | 6.6 | 4.8 | 5.0 | 5.5 | 4 | 1 | 2 | 8 | 1 | 3 | 3.2 | — | — | sc | — | — | cu | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 16 | 4.7 | 4.9 | 4.8 | 5.7 | 5.2 | 5.4 | 5.1 | 0 | 10 | 10 | 5 | 2 | 10 | 6.2 | — | — | — | cc | — | sc | — | — | sc | — | — | sc | cc | — | sc | — | — | sc |
| 17 | 5.3 | 5.1 | 5.1 | 4.9 | 5.1 | 5.4 | 5.2 | 5 | 2 | 6 | 3 | 7 | 10 | 5.5 | — | — | sc | — | — | sc | — | — | sc | — | — | cu | ci | — | sc | — | — | sc |
| 18 | 4.7 | 4.1 | 3.3 | 4.1 | 3.6 | 3.9 | 4.0 | 4 | 10 | 10 | 3 | 0 | 0 | 4.5 | cs | — | — | cs | — | — | cs | — | — | cs,ci | — | — | — | — | — | — | — | — |
| 19 | 4.6 | 4.1 | 5.2 | 6.5 | 6.9 | 5.9 | 5.5 | 0 | 0 | 0 | 10 | 10 | 5 | 4.2 | — | — | — | — | — | — | — | — | cu | cs | — | sc | cs | — | sc | — | — | sc |
| 20 | 7.6 | 7.0 | 7.8 | 7.6 | 5.2 | 5.6 | 6.8 | 10 | 10 | 3 | 10 | 2 | 1 | 6.0 | — | — | ns | — | as | sc,st | — | — | sc | — | — | ns | — | — | sc | — | — | cu |
| 21 | 5.2 | 5.2 | 5.2 | 5.4 | 6.1 | 5.7 | 5.5 | 0 | 0 | 2 | 4 | 6 | 10 | 3.7 | — | — | — | — | — | — | — | — | cu | ci | — | cu | ci | — | — | cs | — | — |
| 22 | 5.7 | 5.3 | 5.9 | 6.6 | 6.3 | 6.6 | 6.1 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | as | — | — | as | — | — | as | — | — | — | ns | — | — | st | — | — | st |
| 23 | 6.4 | 6.6 | 7.8 | 7.2 | 6.4 | 6.0 | 6.7 | 10 | 10 | 10 | 10 | 5 | 10 | 9.2 | — | — | st | — | — | ≡ | — | — | sc | — | — | ns | — | — | sc | — | — | sc |
| 24 | 6.1 | 6.6 | 7.3 | 7.6 | 7.5 | 7.4 | 7.1 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | ns | — | — | st | — | — | ns | — | — | ns | — | — | ns |
| 25 | 7.6 | 7.7 | 7.5 | 8.3 | 7.8 | 6.7 | 7.6 | 10 | 10 | 10 | 10 | 7 | 10 | 9.5 | — | — | st | — | — | st sc | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 26 | 6.7 | 6.9 | 6.7 | 7.6 | 7.3 | 6.7 | 7.0 | 10 | 10 | 9 | 8 | 10 | 10 | 9.5 | — | — | sc | — | as | sc | cs | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 27 | 6.8 | 6.0 | 6.7 | 7.7 | 7.3 | 6.7 | 6.9 | 10 | 6 | 2 | 8 | 3 | 7 | 6.0 | — | — | sc | — | — | sc | — | — | cu | — | — | sc,st | — | — | sc | — | — | sc |
| 28 | 6.3 | 6.7 | 7.7 | 8.2 | 8.7 | 8.4 | 7.7 | 7 | 10 | 10 | 10 | 10 | 10 | 9.5 | — | — | sc | — | as | — | — | — | st | — | as | sc,cu | — | as | st | — | — | st |
| 29 | 8.2 | 8.8 | 9.0 | 10.2 | 10.9 | 10.7 | 9.6 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | as | — | — | — | ns | — | — | ns | — | — | ns |
| 30 | 10.5 | 11.1 | 12.7 | 13.9 | 13.5 | 8.6 | 11.7 | 10 | 10 | 10 | 10 | 10 | 9 | 9.8 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 31 | 7.3 | 6.8 | 6.5 | 6.8 | 6.3 | 5.3 | 6.5 | 10 | 0 | 1 | 9 | 0 | 0 | 3.3 | — | — | ns | — | — | cu | — | — | cu | cc | — | sc | — | — | sc | — | — | sc |
| Mean | 6.2 | 6.1 | 6.5 | 7.0 | 6.8 | 6.3 | 6.5 | 6.6 | 6.9 | 7.0 | 8.2 | 6.3 | 6.7 | 7.0 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P. M. |
| 1 | 0.7 | 102 | (0.4) | | 90 | 94 | 83 | 64 | 91 | 97 | 87 | — | — | — | — | 1.4 | 1.5 | 2.9 | ☰,⊔ | ● |
| 2 | 3.7 | 195 | (1.5) | | 97 | 97 | 69 | 52 | 84 | 97 | 83 | 0.2 | — | — | — | 0.2 | 2.9 | 3.3 | ☰ | ●,✳ |
| 3 | 8.0 | 365 | (2.8) | | 97 | 72 | 67 | 62 | 61 | 58 | 70 | 2.6 | 3.2 | 0.9 | 0.1 | — | — | 6.8 | ☰●✳⧓⊠⧖◤ | ☰ |
| 4 | 10.1 | 334 | 3.2 | | 66 | 72 | 54 | 49 | 58 | 76 | 63 | — | — | — | — | — | — | — | ☰ | ● |
| 5 | 8.5 | 317 | (1.9) | | 78 | 71 | 50 | 53 | 71 | 89 | 69 | 0.0 | — | — | — | — | — | 0.0 | ◊ | ⌓,◊ |
| 6 | — | 23 | (0.0) | | 95 | 94 | 97 | 92 | 97 | 94 | 95 | — | 0.1 | 3.7 | 5.8 | 5.5 | 1.6 | 16.7 | ⌓,☽,● | ● |
| 7 | — | 70 | (0.0) | | 98 | 97 | 82 | 80 | 91 | 87 | 89 | 0.1 | 0.5 | — | — | 0.0 | — | 0.6 | ● | ☽ |
| 8 | — | 30 | (0.3) | | 97 | 97 | 95 | 97 | 98 | 82 | 94 | 0.5 | 2.5 | 5.1 | 7.4 | 1.6 | 0.1 | 17.2 | ● | ●,☽ |
| 9 | 9.5 | 372 | 2.9 | | 77 | 71 | 71 | 63 | 73 | 66 | 70 | 0.2 | 0.2 | — | — | — | — | 0.4 | ●,◤ | — |
| 10 | 2.8 | 191 | (0.0) | | 78 | 92 | 58 | 66 | 91 | 94 | 80 | — | — | — | — | 2.3 | 8.5 | 10.8 | ⊔,☰ | ● |
| 11 | 6.2 | 297 | 2.5 | | 98 | 97 | 73 | 51 | 69 | 81 | 78 | 7.0 | 3.7 | — | — | — | — | 10.7 | ◊,● | ◊ |
| 12 | 4.4 | 246 | (1.2) | | 89 | 90 | 58 | 57 | 76 | 89 | 77 | — | — | — | — | — | — | — | ☰,⌓,◤ | ☰ |
| 13 | 7.2 | 360 | (2.1) | | 99 | 91 | 64 | 89 | 88 | 93 | 87 | 1.8 | 1.9 | — | 0.0 | 0.1 | 0.1 | 3.9 | ☰,✳,⧓,⊠,◤ | ☰,✳,⧓,⊠ |
| 14 | 4.9 | 289 | (2.5) | | 80 | 76 | 71 | 82 | 81 | 74 | 77 | — | — | 0.0 | 0.6 | — | — | 0.6 | ☰,✳,◤ | ✳,●,◤ |
| 15 | 9.1 | 378 | 2.5 | | 75 | 77 | 61 | 59 | 62 | 79 | 69 | — | — | — | — | — | — | — | ☰,◊ | ◊,☰,◤ |
| 16 | 6.8 | 348 | 2.6 | | 90 | 94 | 56 | 51 | 68 | 81 | 73 | — | — | — | — | — | — | — | ☰,⊔ | — |
| 17 | 10.0 | 402 | 2.9 | | 86 | 91 | 59 | 44 | 67 | 80 | 71 | — | — | — | — | — | — | — | ☰,◊ | ◊ |
| 18 | 10.5 | 381 | 3.5 | | 81 | 78 | 42 | 39 | 43 | 95 | 63 | — | — | — | — | — | — | — | ☰,⊔,◊ | ◊,☰,◴ |
| 19 | 7.6 | 359 | (3.4) | | 93 | 92 | 50 | 50 | 71 | 66 | 70 | — | — | — | — | — | — | — | ☰,⊔,◊ | ◊ |
| 20 | 2.7 | 199 | (1.4) | | 92 | 94 | 73 | 87 | 60 | 72 | 80 | 3.8 | 4.2 | 0.6 | 0.9 | 0.5 | — | 10.0 | ● | ●,◤ |
| 21 | 8.9 | 418 | 2.9 | | 86 | 95 | 55 | 44 | 75 | 85 | 73 | — | — | — | — | — | — | — | ☰,⊔,◊,∽ | ◊,⧨ |
| 22 | — | 36 | (0.0) | | 83 | 75 | 72 | 95 | 95 | 99 | 87 | — | — | — | 8.0 | 8.5 | 2.1 | 18.6 | — | ☽●⁂✳⧓⊠ |
| 23 | 2.6 | 248 | (1.0) | | 98 | 100 | 87 | 75 | 74 | 77 | 85 | — | 0.4 | — | 0.1 | 0.1 | — | 0.6 | ⊠,=,≡,● | ● |
| 24 | — | 149 | (0.6) | | 87 | 95 | 87 | 77 | 91 | 94 | 89 | — | 0.6 | 0.1 | 0.0 | 2.4 | 0.4 | 3.5 | ● | ● |
| 25 | 2.3 | 246 | (1.5) | | 95 | 98 | 75 | 79 | 81 | 81 | 85 | — | — | — | 0.2 | — | — | 0.2 | — | ● |
| 26 | 4.4 | 304 | (2.2) | | 92 | 91 | 65 | 61 | 85 | 86 | 80 | — | — | — | — | 2.8 | — | 2.8 | ◊ | ◊,● |
| 27 | 5.2 | 307 | (1.7) | | 92 | 95 | 68 | 64 | 83 | 86 | 81 | — | — | — | 0.1 | — | — | 0.1 | = | ●,⌒ |
| 28 | 1.8 | 191 | (1.8) | | 93 | 97 | 83 | 66 | 81 | 85 | 84 | — | — | — | — | — | — | — | — | — |
| 29 | — | 13 | (0.0) | | 83 | 89 | 86 | 84 | 96 | 96 | 89 | — | — | 0.3 | 0.2 | 0.7 | 1.3 | 2.5 | ● | ●,≡ |
| 30 | — | 61 | (5.5) | | 99 | 97 | 92 | 91 | 83 | 81 | 91 | 3.1 | 2.0 | 1.5 | 0.8 | 2.1 | 0.1 | 9.6 | ● | ●,◤ |
| 31 | 8.7 | 401 | 3.3 | | 76 | 78 | 50 | 45 | 64 | 73 | 64 | 0.2 | 0.0 | — | — | — | — | 0.2 | ● | ◤ |
| | 146.6 | 763.2 | 58.1 | | 88 | 89 | 69 | 67 | 78 | 84 | 79 | 19.5 | 19.3 | 12.2 | 24.2 | 28.2 | 18.6 | 122.0 | | |

# APRIL, 1959.

| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 12.6 | 14.5 | 15.4 | 14.7 | 16.0 | 19.0 | 15.4 | 20.7 | 22.6 | 23.2 | 22.4 | 23.9 | 27.0 | 23.3 | -0.4 | -0.6 | 9.4 | 11.6 | 6.2 | 1.3 | 4.6 |
| 2 | 19.8 | 21.8 | 22.5 | 20.4 | 21.8 | 23.0 | 21.6 | 27.9 | 30.0 | 30.4 | 28.2 | 29.7 | 31.1 | 29.6 | -1.4 | -1.6 | 9.2 | 12.8 | 8.5 | 2.9 | 5.1 |
| 3 | 23.5 | 23.9 | 23.8 | 19.8 | 20.3 | 21.3 | 22.1 | 31.8 | 32.1 | 31.6 | 27.4 | 28.0 | 29.3 | 30.0 | -0.8 | -1.1 | 12.2 | 16.5 | 11.2 | 7.7 | 7.6 |
| 4 | 19.7 | 18.0 | 16.6 | 12.8 | 10.1 | 9.3 | 14.4 | 27.7 | 26.0 | 24.2 | 20.4 | 17.7 | 16.9 | 22.2 | 4.9 | 3.3 | 15.7 | 16.3 | 14.3 | 14.6 | 11.5 |
| 5 | 5.7 | 3.9 | 1.7 | 996.7 | 991.9 | 986.8 | 997.8 | 13.3 | 11.5 | 9.3 | 4.3 | 999.5 | 994.3 | 5.4 | 14.2 | 12.9 | 12.6 | 12.9 | 11.9 | 14.1 | 13.1 |
| 6 | 986.1 | 991.8 | 998.2 | 2.6 | 9.8 | 13.4 | 0.3 | 993.7 | 999.4 | 5.9 | 10.4 | 17.6 | 21.2 | 8.0 | 10.7 | 8.9 | 7.6 | 7.1 | 5.6 | 5.3 | 7.5 |
| 7 | 15.6 | 17.7 | 17.2 | 13.2 | 12.8 | 13.5 | 15.0 | 23.7 | 25.9 | 25.0 | 20.7 | 20.5 | 21.2 | 22.8 | 2.2 | 0.4 | 12.0 | 16.4 | 12.5 | 8.1 | 8.6 |
| 8 | 12.0 | 9.6 | 7.3 | 2.5 | 999.7 | 998.1 | 4.9 | 19.9 | 17.4 | 15.1 | 10.3 | 7.4 | 5.7 | 12.6 | 6.2 | 6.1 | 7.0 | 8.9 | 9.3 | 9.3 | 7.8 |
| 9 | 996.5 | 997.7 | 997.6 | 995.9 | 992.6 | 986.3 | 994.4 | 4.2 | 5.4 | 5.0 | 3.5 | 0.2 | 993.9 | 2.0 | 9.3 | 9.7 | 14.5 | 14.5 | 11.5 | 9.4 | 11.5 |
| 10 | 983.4 | 983.9 | 984.3 | 987.8 | 988.9 | 992.0 | 986.7 | 991.0 | 991.5 | 991.8 | 995.3 | 996.6 | 999.8 | 994.3 | 8.9 | 9.0 | 14.4 | 11.9 | 8.3 | 6.5 | 9.8 |
| 11 | 992.3 | 994.2 | 996.9 | 997.3 | 0.2 | 3.5 | 997.4 | 0.0 | 2.0 | 4.7 | 5.1 | 8.0 | 11.4 | 5.2 | 4.8 | 5.6 | 5.1 | 5.6 | 5.4 | 5.8 | 5.4 |
| 12 | 4.9 | 5.8 | 7.3 | 6.2 | 5.0 | 4.2 | 5.6 | 12.7 | 13.6 | 14.9 | 13.8 | 12.7 | 11.9 | 13.3 | 6.6 | 8.0 | 12.3 | 14.1 | 11.5 | 9.2 | 10.3 |
| 13 | 997.3 | 991.9 | 990.8 | 991.2 | 994.6 | 998.8 | 994.1 | 4.9 | 999.6 | 998.5 | 998.7 | 2.3 | 6.6 | 1.8 | 7.8 | 7.0 | 10.1 | 15.2 | 8.2 | 5.7 | 9.0 |
| 14 | 0.8 | 5.1 | 8.7 | 11.2 | 13.1 | 16.2 | 9.2 | 8.7 | 13.0 | 16.6 | 19.1 | 21.0 | 24.1 | 17.1 | 5.5 | 4.7 | 6.3 | 5.6 | 6.0 | 5.5 | 5.6 |
| 15 | 16.3 | 16.5 | 14.2 | 11.1 | 10.2 | 10.7 | 13.2 | 24.3 | 24.4 | 21.8 | 18.6 | 17.7 | 18.4 | 20.9 | 3.0 | 4.3 | 12.3 | 18.5 | 12.8 | 8.5 | 9.9 |
| 16 | 9.4 | 8.0 | 5.1 | 999.9 | 998.6 | 997.1 | 3.0 | 17.2 | 15.9 | 12.6 | 7.4 | 6.2 | 4.7 | 10.7 | 6.9 | 6.4 | 15.9 | 17.3 | 13.4 | 11.2 | 11.9 |
| 17 | 994.1 | 995.1 | 994.6 | 993.6 | 992.4 | 994.9 | 994.1 | 1.8 | 2.7 | 2.1 | 1.1 | 0.0 | 2.6 | 1.7 | 9.5 | 12.9 | 14.5 | 12.7 | 10.1 | 7.1 | 11.1 |
| 18 | 997.4 | 999.8 | 2.8 | 4.0 | 7.2 | 11.4 | 3.8 | 5.2 | 7.6 | 10.5 | 11.8 | 15.0 | 19.3 | 11.6 | 6.2 | 5.5 | 8.4 | 8.1 | 6.3 | 5.1 | 6.6 |
| 19 | 13.8 | 17.6 | 18.8 | 15.9 | 18.6 | 21.0 | 17.6 | 21.6 | 25.6 | 26.6 | 23.6 | 26.4 | 29.0 | 25.5 | 3.5 | 1.1 | 10.5 | 16.4 | 9.5 | 5.1 | 7.7 |
| 20 | 21.6 | 22.5 | 21.5 | 19.4 | 19.3 | 20.1 | 20.7 | 29.7 | 30.6 | 29.1 | 27.0 | 26.9 | 27.9 | 28.5 | 2.0 | 2.0 | 15.8 | 17.8 | 15.1 | 11.6 | 10.7 |
| 21 | 19.1 | 19.1 | 17.1 | 13.7 | 11.9 | 12.3 | 15.5 | 27.0 | 27.0 | 24.7 | 21.1 | 19.6 | 20.0 | 23.2 | 9.6 | 10.7 | 17.1 | 20.6 | 16.0 | 14.2 | 14.7 |
| 22 | 10.4 | 9.7 | 9.1 | 5.7 | 5.8 | 4.7 | 7.6 | 18.0 | 17.3 | 16.6 | 13.1 | 13.4 | 12.3 | 15.1 | 14.2 | 13.1 | 19.4 | 20.7 | 15.2 | 13.9 | 16.1 |
| 23 | 0.0 | 994.4 | 986.6 | 986.6 | 995.2 | 999.8 | 993.8 | 7.5 | 1.9 | 994.1 | 994.1 | 2.8 | 7.5 | 1.3 | 13.9 | 14.4 | 14.6 | 11.7 | 9.8 | 8.3 | 12.1 |
| 24 | 2.3 | 5.0 | 6.0 | 4.3 | 4.6 | 6.6 | 4.8 | 10.1 | 12.8 | 13.6 | 11.8 | 12.3 | 14.5 | 12.5 | 5.8 | 4.6 | 12.5 | 15.3 | 13.1 | 9.5 | 10.1 |
| 25 | 6.7 | 7.1 | 9.5 | 7.5 | 9.0 | 11.9 | 8.6 | 14.6 | 15.0 | 17.1 | 15.0 | 16.6 | 19.8 | 16.4 | 5.4 | 5.4 | 13.7 | 20.4 | 15.2 | 9.0 | 11.5 |
| 26 | 12.7 | 13.8 | 12.8 | 10.4 | 10.5 | 10.5 | 11.8 | 20.6 | 21.6 | 20.4 | 17.7 | 18.0 | 18.0 | 19.4 | 6.2 | 5.9 | 17.1 | 19.9 | 16.9 | 14.7 | 13.5 |
| 27 | 8.4 | 7.8 | 5.7 | 2.7 | 998.7 | 993.2 | 2.8 | 15.9 | 15.4 | 13.2 | 10.2 | 6.3 | 0.7 | 10.3 | 15.5 | 15.6 | 18.0 | 17.5 | 14.2 | 13.4 | 15.7 |
| 28 | 990.4 | 993.4 | 997.5 | 2.2 | 5.9 | 10.2 | 999.9 | 997.9 | 0.9 | 4.8 | 9.7 | 13.0 | 17.9 | 7.4 | 13.5 | 13.3 | 20.3 | 16.5 | 12.2 | 9.6 | 14.2 |
| 29 | 11.5 | 13.8 | 15.8 | 15.0 | 15.7 | 18.4 | 15.0 | 19.4 | 21.5 | 23.4 | 22.5 | 23.4 | 26.2 | 22.7 | 6.9 | 9.0 | 15.9 | 18.0 | 14.6 | 7.9 | 12.1 |
| 30 | 18.6 | 19.0 | 17.6 | 14.1 | 13.0 | 13.3 | 15.9 | 26.6 | 27.0 | 25.2 | 21.5 | 20.6 | 21.0 | 23.7 | 3.6 | 4.3 | 15.3 | 21.6 | 17.1 | 11.9 | 12.3 |
| 31 | | | | | | | | | | | | | | | | | | | | | |
| Mean | 6.8 | 7.4 | 7.4 | 5.9 | 6.4 | 7.4 | 6.9 | 14.6 | 15.2 | 15.1 | 13.5 | 14.1 | 15.1 | 14.6 | 6.8 | 6.7 | 13.0 | 14.7 | 11.4 | 8.9 | 10.3 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | Mean | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | 6 obs. | 24 h. |
| 1 | 12.2 | -1.4 | 5.4 | 13.6 | — | 0.0 | — | 0.0 | NW | 3.6 | WNW | 4.6 | WNW | 3.4 | — | 0.0 | 1.9 | 2.5 |
| 2 | 14.0 | -2.5 | 5.8 | 16.5 | — | 0.0 | — | 0.0 | N | 0.4 | NNW | 5.7 | NW | 3.0 | ESE | 1.3 | 1.7 | 1.6 |
| 3 | 17.0 | -2.2 | 7.4 | 19.2 | — | 0.0 | — | 0.0 | WSW | 0.7 | SSE | 5.7 | S | 8.9 | S | 2.6 | 3.0 | 3.1 |
| 4 | 17.6 | 2.9 | 10.3 | 14.7 | — | 0.0 | — | 0.0 | SSE | 13.4 | SSE | 12.7 | SSE | 13.0 | SSE | 14.9 | 9.0 | 9.2 |
| 5 | 14.8 | 11.7 | 13.3 | 3.1 | SSE | 11.7 | SSE | 10.3 | SSE | 8.7 | SSE | 8.0 | SE | 3.2 | SSE | 7.3 | 8.2 | 8.6 |
| 6 | 14.1 | 4.6 | 9.4 | 9.5 | SW | 8.0 | W | 1.5 | WSW | 4.8 | W | 8.0 | WNW | 8.0 | W | 5.5 | 6.0 | 6.1 |
| 7 | 16.5 | -0.3 | 8.1 | 16.8 | SW | 3.0 | WNW | 0.7 | — | 0.2 | SSE | 7.6 | S | 4.6 | NNW | 0.4 | 2.8 | 3.3 |
| 8 | 9.4 | 5.2 | 7.3 | 4.2 | — | 0.2 | — | 0.0 | NNW | 0.4 | NW | 0.4 | — | 0.2 | — | 0.0 | 0.2 | 0.5 |
| 9 | 19.6 | 9.2 | 14.4 | 10.4 | — | 0.2 | N | 1.3 | NW | 2.0 | SSE | 9.4 | SSE | 3.6 | WSW | 1.1 | 2.9 | 3.0 |
| 10 | 16.6 | 5.7 | 11.2 | 10.9 | — | 0.0 | SE | 2.0 | NE | 0.4 | SW | 10.1 | WSW | 6.9 | W | 17.6 | 6.2 | 6.1 |
| 11 | 8.6 | 3.6 | 6.1 | 5.0 | W | 6.9 | W | 16.8 | W | 4.4 | W | 12.9 | W | 8.5 | W | 13.5 | 10.5 | 10.7 |
| 12 | 16.0 | 5.7 | 10.9 | 10.3 | W | 5.9 | W | 2.8 | W | 6.1 | WNW | 2.2 | NNE | 1.1 | — | 0.0 | 3.0 | 4.4 |
| 13 | 15.8 | 5.2 | 10.5 | 10.6 | W | 0.7 | NW | 1.7 | NNW | 3.6 | W | 16.6 | W | 4.0 | W | 3.8 | 5.1 | 5.5 |
| 14 | 9.0 | 4.0 | 6.5 | 5.0 | NE | 7.8 | NNW | 6.5 | N | 2.8 | N | 3.0 | WNW | 3.6 | NW | 3.4 | 4.5 | 4.6 |
| 15 | 19.0 | 2.2 | 10.6 | 16.8 | — | 0.0 | S | 1.1 | SSE | 4.8 | W | 6.7 | — | 0.2 | — | 0.0 | 2.1 | 2.5 |
| 16 | 18.2 | 5.8 | 12.0 | 12.4 | — | 0.0 | NNW | 1.1 | — | 0.2 | S | 5.9 | S | 6.7 | WSW | 0.9 | 2.5 | 2.6 |
| 17 | 16.6 | 5.7 | 11.2 | 10.9 | — | 0.2 | WSW | 4.8 | W | 6.3 | W | 12.0 | WSW | 5.0 | E | 0.7 | 4.8 | 4.7 |
| 18 | 10.8 | 4.5 | 7.7 | 6.3 | WNW | 4.2 | N | 2.2 | WNW | 4.6 | WNW | 2.2 | NNW | 5.7 | NW | 3.6 | 3.8 | 3.7 |
| 19 | 16.8 | -0.9 | 8.0 | 17.7 | NE | 1.3 | — | 0.0 | NE | 1.1 | SE | 4.0 | S | 7.8 | SSE | 2.8 | 2.8 | 3.3 |
| 20 | 19.6 | 0.4 | 10.0 | 19.2 | — | 0.0 | — | 0.0 | SSE | 2.8 | SSE | 8.2 | SSE | 5.5 | — | 0.2 | 2.8 | 3.3 |
| 21 | 20.9 | 9.0 | 15.0 | 11.9 | NNE | 1.3 | — | 0.0 | — | 0.0 | SSE | 8.9 | S | 6.1 | SSE | 1.7 | 3.0 | 3.4 |
| 22 | 22.4 | 12.2 | 17.3 | 10.2 | S | 3.4 | S | 1.5 | SSE | 9.6 | SE | 7.3 | SE | 7.3 | SE | 5.9 | 5.8 | 6.1 |
| 23 | 16.2 | 8.0 | 12.1 | 8.2 | SE | 7.6 | SE | 8.2 | SE | 11.7 | W | 11.3 | WSW | 7.3 | WSW | 6.7 | 8.8 | 8.4 |
| 24 | 16.0 | 1.8 | 8.9 | 14.2 | NE | 2.4 | SSE | 1.7 | SSE | 6.9 | S | 6.9 | S | 6.7 | S | 3.0 | 4.6 | 3.8 |
| 25 | 21.0 | 3.2 | 12.1 | 17.8 | — | 0.0 | — | 0.0 | N | 6.9 | W | 5.5 | NNW | 2.0 | — | 0.0 | 2.4 | 1.7 |
| 26 | 20.2 | 3.7 | 12.0 | 16.5 | — | 0.0 | — | 0.0 | S | 3.0 | S | 8.4 | S | 5.9 | S | 4.8 | 3.7 | 3.8 |
| 27 | 18.6 | 13.2 | 15.9 | 5.4 | S | 9.4 | SE | 5.7 | SE | 10.7 | SSE | 10.3 | SSE | 7.4 | WSW | 2.0 | 7.6 | 7.0 |
| 28 | 20.4 | 7.5 | 14.0 | 12.9 | — | 0.0 | — | 0.0 | WSW | 8.9 | SW | 8.7 | N | 3.8 | NW | 5.7 | 4.5 | 4.3 |
| 29 | 18.7 | 5.5 | 12.1 | 13.2 | N | 1.3 | SSW | 1.1 | NW | 5.7 | NW | 3.8 | NNW | 3.4 | W | 0.7 | 2.7 | 2.9 |
| 30 | 22.4 | 2.2 | 12.3 | 20.2 | WNW | 1.3 | — | 0.0 | N | 1.3 | — | 0.2 | S | 6.7 | SSE | 5.0 | 2.4 | 1.6 |
| 31 | | | | | | | | | | | | | | | | | | |
| Mean | 16.6 | 4.5 | 10.6 | 12.1 | | 2.6 | | 2.4 | | 4.5 | | 7.2 | | 5.3 | | 3.8 | 4.3 | 4.4 |

# APRIL, 1959.



| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 5.3 | 5.6 | 6.3 | 6.4 | 5.9 | 5.5 | 5.8 | 0 | 2 | 9 | 8 | 1 | 0 | 3.3 | — | — | sc | — | ac | sc | — | — | sc | — | — | cu | — | — | sc | — | — | — |
| 2 | 5.0 | 5.1 | 6.4 | 6.9 | 7.4 | 6.3 | 6.2 | 0 | 1 | 2 | 3 | 0 | 0 | 1.0 | — | — | — | — | — | cu | — | — | sc | — | — | cu | — | — | cu | — | — | — |
| 3 | 5.5 | 5.5 | 8.2 | 8.8 | 9.7 | 9.0 | 7.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | — | — | — | — | — | — | — | — | cu | — | — | — | — | — | — | — | — | — |
| 4 | 8.2 | 7.5 | 9.0 | 10.2 | 9.1 | 11.2 | 9.2 | 0 | 10 | 10 | 10 | 10 | 10 | 8.3 | — | — | — | cs | — | sc | cs | — | cu | cs | — | sc | ci | ac | sc | — | — | sc |
| 5 | 10.7 | 12.8 | 13.6 | 14.1 | 13.5 | 15.2 | 13.3 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 6 | 9.4 | 7.6 | 7.1 | 6.8 | 5.6 | 5.0 | 6.9 | 10 | 10 | 10 | 10 | 6 | 0 | 7.7 | — | — | ns | — | — | ns | — | as | st | — | — | sc | — | — | sc | — | — | — |
| 7 | 4.7 | 5.6 | 8.0 | 8.6 | 10.7 | 9.8 | 7.9 | 0 | 10 | 2 | 8 | 10 | 8 | 6.3 | — | — | — | cs | — | — | ci | — | — | ci,cs | — | — | cs | — | — | cs | — | — |
| 8 | 8.7 | 9.0 | 9.6 | 10.7 | 11.3 | 11.4 | 10.1 | 4 | 10 | 10 | 10 | 10 | 10 | 9.0 | cs | — | — | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 9 | 11.3 | 11.3 | 12.1 | 13.8 | 11.6 | 11.4 | 11.9 | 10 | 10 | 1 | 10 | 10 | 10 | 8.5 | — | — | st | — | — | sc | — | — | cu | — | — | st | — | — | st | — | — | ns |
| 10 | 11.1 | 11.0 | 13.4 | 9.3 | 6.8 | 5.0 | 9.4 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | sc,st | — | — | sc | — | — | ns | — | — | sc | — | — | sc |
| 11 | 5.0 | 4.1 | 4.7 | 6.6 | 4.6 | 4.0 | 4.8 | 8 | 10 | 10 | 10 | 10 | 0 | 8.0 | — | — | sc | — | — | sc | — | — | ns | — | — | ns | — | — | sc | — | — | sc |
| 12 | 4.4 | 4.3 | 5.9 | 6.4 | 6.9 | 8.6 | 6.1 | 0 | 5 | 8 | 9 | 10 | 10 | 7.0 | — | — | — | cs,ci | — | cu | cs | — | — | cs | — | — | — | as | — | — | — | st |
| 13 | 10.3 | 9.8 | 10.6 | 8.6 | 8.2 | 6.0 | 8.9 | 10 | 10 | 10 | 7 | 5 | 2 | 7.3 | — | — | ns | — | — | st | — | — | sc | cs | — | sc | — | — | st,sc | cs | — | — |
| 14 | 6.0 | 6.3 | 7.6 | 5.4 | 5.3 | 4.7 | 5.9 | 10 | 7 | 10 | 10 | 6 | 0 | 7.2 | — | — | sc,st | — | — | sc | — | — | ns,sc | — | — | sc | — | — | sc | — | — | — |
| 15 | 5.6 | 6.1 | 7.3 | 8.1 | 8.1 | 8.9 | 7.4 | 0 | 7 | 6 | 7 | 10 | 10 | 6.7 | — | — | — | — | — | sc | cs | — | — | cs | — | — | cs | — | — | — | as | — |
| 16 | 8.1 | 7.8 | 10.8 | 11.5 | 13.1 | 12.2 | 10.6 | 10 | 10 | 10 | 10 | 9 | 10 | 9.8 | — | as | — | — | as | — | cs | — | — | — | as | — | — | as | — | — | as | — |
| 17 | 11.4 | 8.6 | 9.5 | 7.8 | 8.1 | 9.0 | 9.1 | 10 | 3 | 9 | 10 | 9 | 10 | 8.5 | — | as | — | — | — | cu | — | — | st,sc | — | — | sc,st | — | — | sc | — | — | ns,sc |
| 18 | 7.2 | 7.6 | 8.0 | 7.4 | 7.0 | 5.9 | 7.2 | 10 | 10 | 10 | 9 | 8 | 1 | 8.0 | — | — | ns | — | — | ns | cs | — | st,cu | — | — | sc,st | — | — | sc | — | — | sc |
| 19 | 5.6 | 5.9 | 6.8 | 5.9 | 6.2 | 6.8 | 6.2 | 0 | 0 | 0 | 0 | 0 | 1 | 0.2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | sc | — | — | sc |
| 20 | 6.4 | 6.8 | 11.1 | 13.6 | 13.6 | 12.6 | 10.7 | 3 | 3 | 2 | 10 | 10 | 10 | 6.3 | cs | — | sc | cs | — | — | ci,cs | — | — | cs,ci | — | sc | ci | — | sc | — | as | sc |
| 21 | 11.7 | 12.4 | 13.7 | 12.9 | 12.6 | 13.5 | 12.8 | 10 | 10 | 10 | 2 | 2 | 10 | 7.3 | — | as | — | — | — | ≡ | cs | — | sc,cu | — | — | cu | cs | — | sc | — | — | sc |
| 22 | 13.2 | 13.4 | 14.3 | 14.3 | 13.8 | 14.5 | 13.9 | 10 | 10 | 3 | 4 | 9 | 10 | 7.7 | — | — | st | — | — | sc | — | — | cu | — | — | sc | — | — | sc | — | — | ns |
| 23 | 15.0 | 15.0 | 15.1 | 9.1 | 7.1 | 6.5 | 11.3 | 10 | 10 | 10 | 10 | 8 | 1 | 8.2 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | sc | — | — | cu |
| 24 | 6.7 | 7.2 | 8.3 | 9.8 | 9.3 | 9.6 | 8.5 | 0 | 0 | 10 | 6 | 0 | 0 | 2.7 | — | — | — | ci | — | — | cs | — | — | cs | as | — | — | — | — | — | — | — |
| 25 | 8.2 | 8.5 | 10.4 | 12.4 | 12.0 | 9.8 | 10.2 | 2 | 4 | 10 | 9 | 0 | 0 | 4.2 | — | — | sc | cc | — | st | — | — | sc | cs | — | sc | cs | — | — | — | — | — |
| 26 | 8.8 | 8.9 | 11.9 | 15.0 | 15.1 | 15.5 | 12.5 | 0 | 10 | 10 | 10 | 10 | 10 | 8.3 | — | — | — | ci | — | sc | ci,cs | — | — | cs,ci | — | cu | — | — | st.sc | — | — | st |
| 27 | 15.7 | 14.1 | 15.8 | 15.7 | 15.0 | 15.0 | 15.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | sc,st | — | as | sc | — | — | ns | — | — | ns | — | — | ns |
| 28 | 14.1 | 15.1 | 15.0 | 9.5 | 8.6 | 8.0 | 11.7 | 10 | 9 | 7 | 6 | 3 | 0 | 5.8 | — | — | st | — | — | sc | ci | — | sc | cs | — | sc | — | — | sc | — | — | sc |
| 29 | 8.2 | 8.9 | 9.1 | 8.9 | 9.2 | 8.3 | 8.8 | 2 | 5 | 2 | 6 | 6 | 0 | 3.5 | cs | — | cu | — | — | sc | ci | — | cu | ci | — | cu | ci,cc | — | — | — | — | — |
| 30 | 7.2 | 7.8 | 7.5 | 8.2 | 9.2 | 8.8 | 8.1 | 3 | 9 | 7 | 8 | 9 | 4 | 6.7 | ci | — | — | ci,cc | — | — | cs,ci | — | — | ci,cc | — | — | cs | as | — | — | — | sc |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mean | 8.6 | 8.7 | 9.9 | 9.8 | 9.5 | 9.3 | 9.3 | 5.4 | 7.2 | 7.3 | 7.7 | 6.7 | 5.2 | 6.6 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P. M. |
| 1 | 7.5 | 383 | 3.4 | 1.8 | 89 | 96 | 53 | 47 | 62 | 81 | 71 | — | — | — | — | — | — | — | ⊟,⊔,◊ | ◊ |
| 2 | 10.6 | 459 | 3.7 | 2.5 | 91 | 95 | 55 | 47 | 67 | 84 | 73 | — | — | — | — | — | — | — | ⊔,⊟,ᔕ,◊ | ◊ |
| 3 | 11.1 | 443 | 5.4 | 2.6 | 96 | 97 | 57 | 47 | 73 | 86 | 76 | — | — | — | — | — | — | — | ⊔,⊟,ᔕ | ᔕ |
| 4 | 8.4 | 377 | (7.2) | (4.2) | 94 | 97 | 51 | 55 | 56 | 67 | 70 | — | — | — | — | — | — | — | =,◊,◪ | ◊,◪ |
| 5 | — | 44 | (0.0) | (0.0) | 66 | 86 | 94 | 95 | 97 | 95 | 89 | — | 0.5 | 4.0 | 4.7 | 10.0 | 4.2 | 23.4 | ●,◪ | ●,◹,◺,◪ |
| 6 | 2.1 | 181 | (2.0) | (1.2) | 73 | 66 | 68 | 68 | 62 | 56 | 66 | 1.7 | 0.1 | 0.4 | 0.6 | — | — | 2.8 | ●,◪ | ●,◪ |
| 7 | 9.7 | 434 | (4.4) | (1.8) | 66 | 89 | 57 | 46 | 74 | 91 | 71 | — | — | — | — | — | — | — | ⊟,ᔕ | ᔕ |
| 8 | — | 39 | (0.9) | (0.4) | 92 | 96 | 96 | 94 | 96 | 98 | 95 | — | — | 3.7 | 3.4 | 0.6 | 2.0 | 9.7 | ◺,● | ● |
| 9 | 5.3 | 361 | (2.4) | (2.2) | 96 | 94 | 73 | 84 | 85 | 96 | 88 | 0.4 | — | — | — | — | 12.2 | 12.6 | ● | ●,◪ |
| 10 | 1.3 | 206 | (3.2) | (2.2) | 97 | 96 | 82 | 67 | 62 | 52 | 76 | 1.1 | — | — | 0.1 | 0.2 | — | 1.4 | ●,◪ | ●,◪ |
| 11 | 4.1 | — | (4.6) | (2.2) | 58 | 45 | 53 | 72 | 51 | 43 | 54 | — | — | 0.0 | 0.0 | 0.1 | — | 0.1 | ⚹,◪ | ⚹,◪,ᔕ |
| 12 | 5.9 | 384 | (2.6) | (1.3) | 45 | 40 | 41 | 40 | 50 | 74 | 48 | — | — | — | — | — | — | — | ◊,◪ | ◊,● |
| 13 | 3.6 | 258 | (3.5) | (2.4) | 97 | 97 | 86 | 50 | 75 | 66 | 79 | 6.0 | 8.5 | 0.2 | — | 0.0 | 0.0 | 14.7 | ● | ᔕ,●,◪ |
| 14 | 2.0 | 216 | (3.0) | (1.6) | 67 | 74 | 80 | 59 | 57 | 52 | 65 | — | 0.2 | 0.3 | 0.2 | — | — | 0.7 | ●,◊ | ◪ |
| 15 | 10.7 | 460 | 4.6 | 2.1 | 74 | 74 | 51 | 38 | 55 | 80 | 62 | — | — | — | — | — | — | — | ◊ | ◊ |
| 16 | 4.4 | 305 | 3.7 | 2.6 | 81 | 81 | 58 | 58 | 85 | 92 | 76 | — | — | — | — | — | — | — | ◺,ᔕ | ᔕ |
| 17 | 3.4 | — | (2.8) | (1.7) | 96 | 58 | 57 | 53 | 66 | 89 | 70 | — | 0.1 | — | — | 0.1 | 0.7 | 0.9 | ◺,●,◪ | ●,◪ |
| 18 | 4.6 | 347 | 3.3 | 1.9 | 76 | 84 | 73 | 69 | 73 | 68 | 74 | 0.8 | 0.3 | 0.1 | — | — | — | 1.2 | ● | — |
| 19 | 11.9 | — | 6.0 | 3.6 | 71 | 90 | 53 | 34 | 52 | 77 | 63 | — | — | — | — | — | — | — | ⊟,⊔,◊ | ◊,◪ |
| 20 | 11.6 | — | 4.6 | 2.5 | 90 | 97 | 62 | 66 | 79 | 92 | 81 | — | — | — | — | — | — | — | ⊔,ᔕ | ᔕ,◪ |
| 21 | 7.8 | 368 | 6.9 | 3.9 | 98 | 96 | 70 | 53 | 69 | 83 | 78 | — | — | — | — | — | — | — | ≡,◺,ᔕ | ᔕ |
| 22 | 7.5 | 436 | (3.5) | (1.5) | 81 | 89 | 63 | 59 | 80 | 92 | 77 | — | — | — | — | — | 0.3 | 0.3 | ◊,◪ | ◊,◪,● |
| 23 | 0.7 | 69 | (2.5) | (1.8) | 95 | 92 | 91 | 67 | 59 | 60 | 77 | 0.8 | 2.4 | 8.9 | 14.4 | 0.1 | — | 26.6 | ●,◪ | ●,◪ |
| 24 | 7.8 | — | 4.1 | 2.1 | 73 | 85 | 57 | 56 | 62 | 81 | 69 | — | — | — | — | — | — | — | ◺◺,ᔕ | ◊ |
| 25 | 9.4 | 443 | 4.7 | 2.7 | 91 | 94 | 66 | 48 | 70 | 85 | 76 | — | — | — | — | — | — | — | ◺◺ | ◊ |
| 26 | 11.0 | 463 | 5.2 | 3.3 | 93 | 96 | 61 | 64 | 79 | 93 | 81 | — | — | — | — | — | 0.0 | 0.0 | ◺◺,ᔕ | ᔕ,◪,9 |
| 27 | — | 180 | (0.0) | (1.1) | 89 | 80 | 76 | 79 | 93 | 98 | 86 | — | — | — | 0.2 | 3.6 | 4.9 | 8.7 | ◪ | ●,◪ |
| 28 | 6.0 | 373 | 5.4 | 3.6 | 91 | 99 | 63 | 50 | 61 | 67 | 72 | 1.6 | — | — | — | — | — | 1.6 | ●,◊ | ◊,◪ |
| 29 | 12.2 | 546 | 5.8 | 4.4 | 83 | 78 | 50 | 43 | 55 | 78 | 65 | — | — | — | — | — | — | — | ◺◺,◊ | ◊ |
| 30 | 8.1 | 459 | 5.5 | 3.0 | 91 | 94 | 43 | 32 | 47 | 63 | 62 | — | — | — | — | — | — | — | ◺◺,ᔕ,◊ | ◊ |
| 31 | | | | | | | | | | | | | | | | | | | | |
| | 188.7 | 8234 | 114.9 | 68.2 | 83 | 85 | 65 | 58 | 68 | 78 | 73 | 12.4 | 12.1 | 17.6 | 23.6 | 14.7 | 24.3 | 104.7 | | |

# MAY, 1959.

| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 11.4 | 10.0 | 7.9 | 3.3 | 1.3 | 999.4 | 5.6 | 19.3 | 17.7 | 15.5 | 10.8 | 8.8 | 7.0 | 13.2 | 8.1 | 8.1 | 15.5 | 17.5 | 14.3 | 12.2 | 12.6 |
| 2 | 999.0 | 999.4 | 998.5 | 999.0 | 2.5 | 6.5 | 0.8 | 6.5 | 6.9 | 5.9 | 6.3 | 10.0 | 14.3 | 8.3 | 14.8 | 13.6 | 21.6 | 20.8 | 15.9 | 8.7 | 15.9 |
| 3 | 8.6 | 11.8 | 9.8 | 7.2 | 7.2 | 6.2 | 8.5 | 16.4 | 19.7 | 17.2 | 14.7 | 14.8 | 13.8 | 16.1 | 7.6 | 7.2 | 17.3 | 17.8 | 14.5 | 13.0 | 12.9 |
| 4 | 4.4 | 4.2 | 2.3 | 999.1 | 997.1 | 994.5 | 0.3 | 12.0 | 11.9 | 9.7 | 6.5 | 4.5 | 2.0 | 7.8 | 11.5 | 11.2 | 18.8 | 22.9 | 18.0 | 16.4 | 16.5 |
| 5 | 991.4 | 993.3 | 995.1 | 998.3 | 0.7 | 3.9 | 997.1 | 998.8 | 0.7 | 2.5 | 5.8 | 8.3 | 11.6 | 4.6 | 16.7 | 17.2 | 20.0 | 14.8 | 12.3 | 10.9 | 15.3 |
| 6 | 4.7 | 6.0 | 6.2 | 5.4 | 6.7 | 9.2 | 6.4 | 12.5 | 13.7 | 13.8 | 12.9 | 14.4 | 16.9 | 14.0 | 9.7 | 10.0 | 14.7 | 17.7 | 13.3 | 10.8 | 12.7 |
| 7 | 10.0 | 11.8 | 11.4 | 10.0 | 10.6 | 11.9 | 11.0 | 17.6 | 19.5 | 19.0 | 17.3 | 18.1 | 19.7 | 18.5 | 9.3 | 10.3 | 16.2 | 19.2 | 15.5 | 11.5 | 13.7 |
| 8 | 12.0 | 12.7 | 10.9 | 9.7 | 10.5 | 12.7 | 11.4 | 20.0 | 20.6 | 18.4 | 17.0 | 18.0 | 20.5 | 1.91 | 3.9 | 5.2 | 17.3 | 20.4 | 16.5 | 9.6 | 12.2 |
| 9 | 13.0 | 14.5 | 13.4 | 11.6 | 11.9 | 13.6 | 13.0 | 20.9 | 22.3 | 21.0 | 19.1 | 19.6 | 21.3 | 20.7 | 6.1 | 6.8 | 15.3 | 19.0 | 13.7 | 8.5 | 11.6 |
| 10 | 13.3 | 14.5 | 14.9 | 13.6 | 15.7 | 17.9 | 15.0 | 21.1 | 22.3 | 22.5 | 21.1 | 23.4 | 25.7 | 22.7 | 4.8 | 5.9 | 17.1 | 19.4 | 13.5 | 8.4 | 11.5 |
| 11 | 17.9 | 18.3 | 17.1 | 15.4 | 15.2 | 15.0 | 16.5 | 25.9 | 26.3 | 24.7 | 22.9 | 22.9 | 22.7 | 24.2 | 4.5 | 4.9 | 16.4 | 17.4 | 14.1 | 13.1 | 11.7 |
| 12 | 12.6 | 10.7 | 6.8 | 1.9 | 999.2 | 999.4 | 5.1 | 20.3 | 18.3 | 14.4 | 9.4 | 6.7 | 7.0 | 12.7 | 12.3 | 12.2 | 15.9 | 16.1 | 14.7 | 13.5 | 14.1 |
| 13 | 996.6 | 995.4 | 993.6 | 994.1 | 995.8 | 996.7 | 995.4 | 4.1 | 3.0 | 1.0 | 1.6 | 3.5 | 4.3 | 2.9 | 12.2 | 13.1 | 13.1 | 12.3 | 9.5 | 11.1 | 11.9 |
| 14 | 998.6 | 999.2 | 1.4 | 0.6 | 1.3 | 3.5 | 0.8 | 6.3 | 6.7 | 8.8 | 8.0 | 8.7 | 11.3 | 8.3 | 12.0 | 13.1 | 16.5 | 19.5 | 16.5 | 10.3 | 14.7 |
| 15 | 4.9 | 8.0 | 7.4 | 6.1 | 7.0 | 8.0 | 6.9 | 12.7 | 15.8 | 14.9 | 13.4 | 14.5 | 15.7 | 14.5 | 6.8 | 10.1 | 20.6 | 26.5 | 19.8 | 12.5 | 16.1 |
| 16 | 7.4 | 6.9 | 6.5 | 5.3 | 3.5 | 1.9 | 5.3 | 15.2 | 14.6 | 14.0 | 12.7 | 11.1 | 9.5 | 12.9 | 9.5 | 10.0 | 17.1 | 16.3 | 13.4 | 13.2 | 13.3 |
| 17 | 999.9 | 0.4 | 0.2 | 999.4 | 999.5 | 0.3 | 0.0 | 7.5 | 8.0 | 7.7 | 6.9 | 7.0 | 7.9 | 7.5 | 13.1 | 13.1 | 15.9 | 17.5 | 16.1 | 14.5 | 15.0 |
| 18 | 998.7 | 998.4 | 997.0 | 994.3 | 993.5 | 993.8 | 996.0 | 6.3 | 6.0 | 4.5 | 1.7 | 1.0 | 1.3 | 3.5 | 13.0 | 14.0 | 17.2 | 17.1 | 14.0 | 12.7 | 14.7 |
| 19 | 992.3 | 992.8 | 993.2 | 993.8 | 995.7 | 997.7 | 994.3 | 999.9 | 0.4 | 0.6 | 1.2 | 3.3 | 5.4 | 1.8 | 10.3 | 10.7 | 14.9 | 15.4 | 11.5 | 11.1 | 12.3 |
| 20 | 998.6 | 1.9 | 3.6 | 3.2 | 6.4 | 8.3 | 3.7 | 6.2 | 9.5 | 11.1 | 10.6 | 13.9 | 16.0 | 11.2 | 10.7 | 13.1 | 17.9 | 20.6 | 16.0 | 12.1 | 15.1 |
| 21 | 8.3 | 8.6 | 6.2 | 2.9 | 1.5 | 2.5 | 5.0 | 16.1 | 16.3 | 13.6 | 10.1 | 8.8 | 10.1 | 12.5 | 7.6 | 10.5 | 21.1 | 27.2 | 22.1 | 14.2 | 17.1 |
| 22 | 0.7 | 999.8 | 1.3 | 3.4 | 4.6 | 7.2 | 2.8 | 8.3 | 6.0 | 8.6 | 10.9 | 12.2 | 14.9 | 10.2 | 11.7 | 14.1 | 21.2 | 14.5 | 12.9 | 11.3 | 14.3 |
| 23 | 8.6 | 10.8 | 11.0 | 10.0 | 10.5 | 11.8 | 10.5 | 16.4 | 18.7 | 18.6 | 17.3 | 17.9 | 19.5 | 18.1 | 8.2 | 7.7 | 15.3 | 20.8 | 17.8 | 8.8 | 13.1 |
| 24 | 11.9 | 12.6 | 10.3 | 8.6 | 7.7 | 7.8 | 9.8 | 19.8 | 20.4 | 17.7 | 15.9 | 15.2 | 15.4 | 17.4 | 5.7 | 7.5 | 18.6 | 21.4 | 19.2 | 16.1 | 14.8 |
| 25 | 6.6 | 6.7 | 6.7 | 5.0 | 5.7 | 6.1 | 6.1 | 14.2 | 14.4 | 14.3 | 12.4 | 13.1 | 13.7 | 13.7 | 14.5 | 15.3 | 17.5 | 19.7 | 16.4 | 14.7 | 16.4 |
| 26 | 4.4 | 5.0 | 3.4 | 1.6 | 2.6 | 4.3 | 3.6 | 12.2 | 12.7 | 10.8 | 8.8 | 10.1 | 11.9 | 11.1 | 10.7 | 12.0 | 20.2 | 22.3 | 18.0 | 13.0 | 16.0 |
| 27 | 4.0 | 4.0 | 2.4 | 999.3 | 999.0 | 0.2 | 1.5 | 11.7 | 11.7 | 9.8 | 6.6 | 6.4 | 7.7 | 9.0 | 12.2 | 12.1 | 16.5 | 24.3 | 19.8 | 15.4 | 16.7 |
| 28 | 999.0 | 999.7 | 998.9 | 997.0 | 998.6 | 1.4 | 999.1 | 6.6 | 7.2 | 6.2 | 4.2 | 6.0 | 8.9 | 6.5 | 12.0 | 13.1 | 23.0 | 24.9 | 20.0 | 15.2 | 18.0 |
| 29 | 0.4 | 2.9 | 2.7 | 1.1 | 2.8 | 6.1 | 2.7 | 7.9 | 10.5 | 10.3 | 8.3 | 10.3 | 13.7 | 10.2 | 13.6 | 11.3 | 17.6 | 24.6 | 17.0 | 13.4 | 16.3 |
| 30 | 5.9 | 6.9 | 6.4 | 4.8 | 5.1 | 7.0 | 6.0 | 13.6 | 14.5 | 14.0 | 12.3 | 12.6 | 14.5 | 13.6 | 12.3 | 13.2 | 15.1 | 18.7 | 17.2 | 15.8 | 15.4 |
| 31 | 5.0 | 6.7 | 6.2 | 3.8 | 4.3 | 5.7 | 5.3 | 12.6 | 14.4 | 13.6 | 11.0 | 11.7 | 13.1 | 12.7 | 15.0 | 15.4 | 21.2 | 24.0 | 20.6 | 18.2 | 19.1 |
| Mean | 4.8 | 5.6 | 4.9 | 3.5 | 4.0 | 5.2 | 4.7 | 12.5 | 13.2 | 12.4 | 10.9 | 11.5 | 12.8 | 12.2 | 10.3 | 11.0 | 17.6 | 19.7 | 15.9 | 12.6 | 14.5 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | Mean | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | 6 obs. | 24 h. |
| 1 | 18.2 | 6.4 | 12.3 | 11.8 | — | 0.0 | — | 0.0 | — | 0.0 | S | 4.4 | — | 0.0 | SE | 1.3 | 1.0 | 1.3 |
| 2 | 22.2 | 7.0 | 14.6 | 15.2 | WNW | 3.0 | NNE | 2.4 | WSW | 12.9 | NW | 5.9 | NNE | 4.6 | NNE | 0.7 | 4.9 | 3.7 |
| 3 | 19.2 | 4.4 | 11.8 | 14.8 | NW | 3.4 | S | 1.1 | SSE | 3.0 | SSE | 10.0 | SSE | 5.5 | S | 3.4 | 4.4 | 4.2 |
| 4 | 23.0 | 10.4 | 16.7 | 12.6 | NNW | 1.1 | — | 0.0 | — | 0.0 | SSE | 1.7 | — | 0.0 | ENE | 0.4 | 0.5 | 0.9 |
| 5 | 21.2 | 10.3 | 15.8 | 10.9 | S | 5.0 | — | 0.0 | N | 3.8 | WNW | 3.4 | NW | 4.6 | WNW | 4.6 | 3.6 | 3.5 |
| 6 | 18.2 | 8.5 | 13.4 | 9.7 | NNW | 2.8 | N | 2.8 | WNW | 4.2 | WNW | 5.4 | N | 2.4 | — | 0.2 | 3.0 | 4.0 |
| 7 | 19.8 | 6.6 | 13.2 | 13.2 | NNW | 4.2 | NW | 0.4 | SSE | 0.9 | WNW | 8.0 | NNE | 1.7 | NNW | 4.4 | 3.3 | 4.0 |
| 8 | 22.4 | 1.9 | 12.2 | 20.5 | W | 1.3 | — | 0.2 | SSE | 2.2 | WNW | 4.0 | NW | 1.5 | WSW | 0.4 | 1.6 | 1.2 |
| 9 | 19.4 | 3.9 | 11.7 | 15.5 | — | 0.2 | — | 0.0 | — | 0.0 | SSE | 5.5 | SSW | 5.0 | SE | 0.7 | 1.9 | 2.5 |
| 10 | 19.9 | 3.1 | 11.5 | 16.8 | — | 0.0 | — | 0.2 | SSW | 0.9 | S | 6.1 | SSE | 4.4 | SSE | 3.4 | 2.5 | 2.9 |
| 11 | 18.7 | 2.3 | 10.5 | 16.4 | W | 0.9 | — | 0.2 | S | 6.1 | S | 8.0 | SSE | 6.5 | S | 0.7 | 3.7 | 3.7 |
| 12 | 18.2 | 11.5 | 14.9 | 6.7 | — | 0.0 | — | 0.0 | S | 4.8 | SSE | 7.6 | SSE | 9.6 | SSE | 3.0 | 4.2 | 4.5 |
| 13 | 16.1 | 8.6 | 12.4 | 7.5 | NE | 1.1 | NNW | 5.4 | S | 4.4 | W | 2.0 | W | 8.0 | NE | 5.0 | 4.3 | 3.5 |
| 14 | 20.0 | 8.7 | 14.4 | 11.3 | W | 8.7 | WNW | 9.1 | WNW | 3.4 | NNW | 5.7 | NNW | 1.7 | — | 0.2 | 4.8 | 4.4 |
| 15 | 27.2 | 5.9 | 16.6 | 21.3 | — | 0.0 | — | 0.0 | ENE | 1.3 | W | 1.1 | S | 5.7 | SSW | 0.9 | 1.5 | 1.8 |
| 16 | 19.6 | 8.4 | 14.0 | 11.2 | WNW | 1.1 | — | 0.0 | — | 0.2 | SSE | 6.5 | SSE | 4.2 | SSW | 4.0 | 2.7 | 2.6 |
| 17 | 19.8 | 12.7 | 16.3 | 7.1 | W | 2.4 | — | 0.2 | NNW | 0.9 | NNW | 6.1 | N | 3.8 | N | 1.1 | 2.4 | 1.9 |
| 18 | 18.2 | 12.0 | 15.1 | 6.2 | N | 2.2 | N | 4.8 | N | 3.8 | NNW | 2.8 | N | 5.7 | NW | 4.8 | 4.0 | 4.1 |
| 19 | 15.8 | 8.6 | 12.2 | 7.2 | — | 0.0 | SE | 0.7 | NNW | 0.4 | W | 0.4 | N | 7.8 | — | 0.2 | 1.6 | 2.4 |
| 20 | 21.0 | 10.2 | 15.6 | 10.8 | NNW | 1.7 | NNW | 4.0 | NW | 8.2 | NW | 8.0 | NNW | 4.8 | NNW | 6.3 | 5.5 | 6.3 |
| 21 | 27.2 | 5.9 | 16.6 | 21.3 | — | 0.0 | WNW | 0.4 | S | 0.7 | S | 4.2 | SSE | 5.9 | — | 0.0 | 1.9 | 2.1 |
| 22 | 22.4 | 9.6 | 16.0 | 12.8 | SSE | 0.7 | ESE | 2.2 | W | 8.4 | NNW | 5.9 | NE | 1.7 | SSW | 0.7 | 3.3 | 3.6 |
| 23 | 21.6 | 5.6 | 13.6 | 16.0 | — | 0.0 | — | 0.0 | — | 0.0 | S | 5.9 | S | 4.0 | — | 0.0 | 1.7 | 2.0 |
| 24 | 23.0 | 4.6 | 13.8 | 18.4 | — | 0.0 | — | 0.0 | WSW | 1.1 | SSE | 5.4 | SSE | 5.0 | — | 0.0 | 1.9 | 1.6 |
| 25 | 20.6 | 12.9 | 16.8 | 7.7 | E | 0.4 | — | 0.0 | W | 2.2 | NE | 3.2 | ENE | 4.4 | N | 3.2 | 2.2 | 1.4 |
| 26 | 23.8 | 8.1 | 16.0 | 15.7 | N | 0.7 | — | 0.0 | N | 4.2 | NW | 4.6 | S | 5.5 | SSE | 3.2 | 3.0 | 3.2 |
| 27 | 24.6 | 11.5 | 18.1 | 13.1 | S | 2.2 | — | 0.0 | W | 2.0 | S | 5.7 | SSE | 7.3 | SW | 1.7 | 3.2 | 2.7 |
| 28 | 26.6 | 11.2 | 18.9 | 15.4 | ENE | 0.4 | NNW | 1.1 | N | 2.2 | NW | 1.5 | S | 4.0 | SSW | 2.0 | 1.9 | 1.4 |
| 29 | 25.8 | 10.9 | 18.3 | 14.7 | — | 0.2 | NNW | 1.3 | WSW | 0.4 | WNW | 0.4 | S | 8.7 | SSE | 5.4 | 2.7 | 2.6 |
| 30 | 19.4 | 11.4 | 15.4 | 8.0 | SSE | 0.4 | SE | 2.0 | SSE | 4.0 | SSW | 5.5 | S | 5.5 | S | 3.6 | 3.5 | 3.8 |
| 31 | 25.7 | 14.9 | 20.3 | 10.8 | — | 0.0 | — | 0.2 | E | 2.2 | SSE | 9.1 | SSW | 2.2 | SSW | 3.4 | 2.9 | 3.6 |
| Mean | 21.2 | 8.3 | 14.8 | 12.9 | | 1.4 | | 1.2 | | 2.9 | | 5.0 | | 4.6 | | 2.2 | 2.9 | 2.9 |

# MAY, 1959.

| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 9.3 | 9.6 | 11.7 | 12.3 | 14.8 | 13.3 | 11.8 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | cs | — | — | cs | — | st | cs | — | — | — | as | — | — | — | ns | — | — | sc |
| 2 | 10.9 | 11.6 | 12.7 | 11.1 | 8.4 | 9.2 | 10.7 | 3 | 0 | 4 | 3 | 3 | 0 | 2.2 | — | — | sc | — | — | — | cs | — | cu | cs | — | cu | cc,cs | — | — | — | — | — |
| 3 | 7.8 | 8.0 | 6.8 | 10.2 | 9.6 | 12.9 | 9.2 | 0 | 5 | 0 | 6 | 10 | 10 | 5.2 | — | — | — | cs,ci | — | — | — | — | — | ci | — | — | cs | ac | — | — | — | st |
| 4 | 11.6 | 12.2 | 15.6 | 18.2 | 18.5 | 17.9 | 15.7 | 10 | 10 | 8 | 10 | 10 | 10 | 9.7 | — | — | st | — | as | st | cs | — | sc | cs | — | — | — | — | ns | — | — | ns |
| 5 | 18.4 | 18.9 | 18.9 | 13.1 | 10.0 | 9.0 | 14.7 | 10 | 10 | 10 | 10 | 7 | 10 | 9.5 | — | — | ns | — | as | sc | — | — | sc | — | as | sc | cc,cs | — | — | — | as | — |
| 6 | 9.3 | 9.1 | 10.0 | 9.6 | 8.9 | 9.0 | 9.3 | 10 | 10 | 10 | 8 | 1 | 3 | 7.0 | — | as | — | ci | — | sc | cs | — | sc | ci,cc | — | cu | ci | — | sc | — | — | sc |
| 7 | 8.2 | 8.9 | 9.3 | 8.3 | 5.7 | 6.5 | 7.8 | 0 | 2 | 2 | 3 | 0 | 0 | 1.2 | — | — | — | cc | — | — | cc | — | cu | ci | — | cu | — | — | — | — | — | — |
| 8 | 6.6 | 7.6 | 8.0 | 7.9 | 6.9 | 8.7 | 7.6 | 0 | 9 | 10 | 10 | 10 | 10 | 8.2 | — | — | — | cs | — | — | cs | — | — | cs | — | — | — | as | — | cs | — | — |
| 9 | 8.0 | 7.5 | 8.4 | 9.5 | 9.5 | 9.6 | 8.8 | 5 | 10 | 10 | 10 | 10 | 3 | 8.0 | cs | — | — | cs | — | — | cs | — | — | cs | — | — | — | as | — | — | — | sc |
| 10 | 8.5 | 8.5 | 11.2 | 9.5 | 6.7 | 8.1 | 8.8 | 0 | 6 | 8 | 1 | 8 | 10 | 5.5 | — | — | — | ci | — | st | ci | — | cu | — | — | cu | — | — | sc | cs | — | sc |
| 11 | 7.8 | 7.9 | 9.2 | 8.4 | 12.8 | 12.3 | 9.7 | 0 | 0 | 2 | 10 | 10 | 10 | 5.3 | — | — | — | — | — | — | ci | — | — | cs | — | — | cs | — | sc | — | — | st |
| 12 | 12.6 | 12.5 | 14.7 | 16.0 | 15.2 | 14.6 | 14.3 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | ac | st | — | — | st | — | — | ns | — | — | ns | — | — | ns |
| 13 | 11.9 | 10.8 | 11.4 | 10.2 | 8.9 | 8.4 | 10.3 | 10 | 7 | 10 | 10 | 9 | 9 | 9.2 | — | — | st | — | — | sc | — | — | ns | — | — | sc | — | — | ns | — | — | sc |
| 14 | 9.2 | 9.3 | 10.9 | 10.2 | 11.3 | 10.9 | 10.3 | 10 | 4 | 4 | 7 | 1 | 0 | 4.3 | — | as | sc | — | — | sc | — | — | cu | ci,cc | — | cu | — | — | cu | — | — | — |
| 15 | 9.1 | 11.3 | 12.3 | 12.3 | 13.5 | 10.9 | 11.6 | 0 | 0 | 0 | 0 | 5 | 0 | 0.8 | — | — | — | — | — | — | — | — | — | — | — | — | ci | — | — | — | — | — |
| 16 | 11.3 | 11.4 | 13.1 | 15.1 | 14.2 | 14.2 | 13.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | sc | — | — | ns | — | — | ns | — | — | ns |
| 17 | 13.9 | 14.4 | 16.1 | 14.7 | 14.6 | 13.8 | 14.6 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | as | sc | ci | — | sc | — | — | sc |
| 18 | 12.7 | 12.9 | 13.2 | 13.8 | 13.2 | 11.7 | 12.9 | 8 | 10 | 10 | 10 | 10 | 7 | 9.2 | cs | — | — | cs,cc | — | — | cs | — | sc | — | as | sc | — | as | st | — | — | sc |
| 19 | 10.9 | 12.0 | 11.5 | 11.5 | 11.9 | 11.9 | 11.6 | 2 | 10 | 10 | 10 | 10 | 10 | 8.7 | — | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | ns | — | — | sc |
| 20 | 10.3 | 10.2 | 11.4 | 11.3 | 10.1 | 9.3 | 10.4 | 5 | 4 | 0 | 2 | 7 | 6 | 4.0 | ci | — | — | cs | — | sc | — | — | cu | cs | — | — | ci,cs | — | — | ci,cs | — | — |
| 21 | 8.6 | 9.9 | 10.2 | 14.1 | 13.4 | 13.8 | 11.7 | 7 | 1 | 7 | 3 | 10 | 10 | 6.3 | ci,cs | — | — | ci | — | — | ci | — | — | ci | — | — | ci,cc | ac | — | cs | — | — |
| 22 | 13.0 | 14.4 | 13.3 | 10.6 | 10.8 | 12.8 | 12.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | as | — | cs | ac | — | cs | — | sc | — | — | cu | sc | — | ac | — | — | ns |
| 23 | 10.3 | 9.8 | 11.2 | 12.6 | 10.1 | 9.4 | 10.6 | 5 | 6 | 9 | 7 | 1 | 0 | 4.7 | cs,cc | — | sc | cs | — | sc,= | cs,ci | — | — | ci | — | — | ci | — | — | — | — | — |
| 24 | 8.5 | 9.5 | 12.9 | 18.4 | 17.9 | 17.0 | 14.0 | 1 | 9 | 10 | 10 | 10 | 10 | 8.3 | ci | — | — | ci | — | — | — | — | sc | — | — | sc | cs | — | sc,st | — | — | sc |
| 25 | 15.8 | 16.1 | 16.3 | 12.9 | 11.7 | 11.3 | 14.0 | 10 | 10 | 10 | 10 | 9 | 10 | 9.8 | — | — | st | — | — | sc,st | — | — | sc,ns | — | — | sc | cs | — | sc | — | — | sc |
| 26 | 11.4 | 11.8 | 12.6 | 12.6 | 15.6 | 13.2 | 12.9 | 0 | 0 | 3 | 7 | 7 | 0 | 2.8 | — | — | cu | — | — | — | — | — | cu | — | — | sc,cu | cs,ci | — | sc,cu | — | — | — |
| 27 | 12.9 | 12.5 | 15.4 | 14.9 | 16.6 | 15.1 | 14.6 | 10 | 10 | 0 | 5 | 10 | 0 | 5.8 | — | — | st | — | — | st | — | — | cu | cs | — | sc | cs | — | — | — | — | — |
| 28 | 13.2 | 13.5 | 15.0 | 14.9 | 17.6 | 15.9 | 15.0 | 10 | 4 | 3 | 6 | 10 | 3 | 6.0 | cs | — | — | — | — | st | cs | — | — | ci | — | sc | cs | — | sc | cs | — | — |
| 29 | 14.6 | 12.0 | 15.3 | 11.2 | 15.4 | 13.4 | 13.7 | 10 | 10 | 0 | 1 | 3 | 10 | 5.7 | — | — | sc | — | — | st | — | — | — | cc | — | cu | ci | — | cu | — | — | st |
| 30 | 13.0 | 13.2 | 14.2 | 15.8 | 15.4 | 14.8 | 14.4 | 10 | 10 | 10 | 1 | 7 | 10 | 8.0 | — | — | st | — | — | st | — | — | st | — | — | sc | cs,cc | — | — | — | — | st |
| 31 | 16.0 | 16.6 | 18.1 | 16.2 | 18.1 | 17.8 | 17.1 | 10 | 10 | 6 | 10 | 10 | 10 | 9.3 | — | — | st | — | — | st | cc | — | — | cs | — | sc,cu | — | — | st | — | — | st |
| Mean | 11.1 | 11.4 | 12.6 | 12.5 | 12.5 | 12.2 | 12.1 | 6.3 | 7.0 | 6.6 | 7.1 | 7.7 | 6.8 | 6.9 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P. M. |
| 1 | 0.7 | 163 | (3.7) | (1.8) | 86 | 88 | 66 | 61 | 91 | 93 | 81 | — | — | — | 0.1 | 2.1 | 2.6 | 4.8 | ⊖ | ● |
| 2 | 11.8 | 437 | 5.4 | 4.4 | 65 | 74 | 49 | 45 | 46 | 81 | 60 | — | — | — | — | — | — | — | ◐,⊖,↙ | ⊖,◑ |
| 3 | 11.5 | 489 | 5.5 | 3.6 | 74 | 79 | 34 | 50 | 58 | 86 | 64 | — | — | — | — | — | — | — | ◑,◐ | ◐,↙ |
| 4 | 2.4 | 260 | (2.7) | (1.7) | 85 | 92 | 72 | 65 | 90 | 96 | 84 | — | — | — | — | 1.5 | 8.4 | 9.9 | ⊖,● | ⊖,● |
| 5 | 1.5 | 217 | 3.4 | 2.9 | 97 | 96 | 81 | 78 | 70 | 69 | 82 | 8.3 | 0.3 | 0.0 | — | — | — | 8.6 | ●,◑ | ◐ |
| 6 | 10.0 | 480 | 5.2 | 3.9 | 77 | 74 | 60 | 47 | 58 | 69 | 64 | — | — | — | — | — | — | — | ◐ | ◐ |
| 7 | 12.7 | 543 | 6.1 | 4.6 | 70 | 71 | 51 | 37 | 32 | 48 | 52 | — | — | — | — | — | — | — | ◐,◑,↙ | ◐,↙ |
| 8 | 7.9 | 370 | 4.0 | 3.0 | 82 | 85 | 40 | 33 | 37 | 73 | 58 | — | — | — | — | — | — | — | ⊖ | ◐ |
| 9 | 7.7 | 347 | 4.5 | 2.8 | 85 | 76 | 48 | 43 | 61 | 86 | 67 | — | — | — | — | — | — | — | ◑,⊖ | ⊖,◐ |
| 10 | 10.8 | 479 | 6.2 | 4.4 | 99 | 92 | 58 | 42 | 44 | 74 | 68 | — | — | — | — | — | — | — | ◑,◐ | ◐ |
| 11 | 9.9 | 461 | 4.5 | 3.5 | 93 | 91 | 49 | 42 | 79 | 82 | 73 | — | — | — | — | — | — | — | ◑,⊖ | ⊖ |
| 12 | — | 159 | (2.0) | (0.7) | 88 | 88 | 81 | 87 | 91 | 95 | 88 | — | — | — | 0.8 | 1.3 | 0.8 | 2.9 | — | ●,◑,↙ |
| 13 | 3.5 | 271 | (3.5) | (2.5) | 84 | 72 | 76 | 71 | 75 | 64 | 74 | 0.0 | — | 0.2 | 5.1 | 0.2 | 0.0 | 5.5 | ◐,● | ◐,●,↙ |
| 14 | 12.1 | 523 | 5.5 | 4.1 | 66 | 62 | 58 | 45 | 60 | 87 | 63 | — | 0.0 | 0.0 | — | — | — | 0.0 | ☽,⊖⊖,●,↙ | ⊖⊖,◑,↙ |
| 15 | 12.6 | 532 | 5.7 | 4.0 | 92 | 92 | 51 | 35 | 58 | 75 | 67 | — | — | — | — | — | — | — | ◑,⊖ | ⊖⊖,◑ |
| 16 | 0.2 | 193 | (1.1) | (0.2) | 95 | 93 | 67 | 82 | 92 | 94 | 87 | — | — | — | 0.2 | 3.5 | 4.1 | 7.8 | ◑,● | ●,↙ |
| 17 | 1.2 | 249 | 3.1 | 2.4 | 92 | 96 | 89 | 73 | 80 | 84 | 86 | 0.1 | 0.5 | 0.2 | 0.0 | — | — | 0.8 | ● | — |
| 18 | 2.1 | 278 | (2.8) | (2.3) | 85 | 80 | 67 | 71 | 82 | 80 | 78 | — | — | — | — | 0.5 | — | 0.5 | ◑,◐ | ●,↙ |
| 19 | 0.3 | 163 | (2.9) | (1.6) | 87 | 93 | 68 | 66 | 88 | 90 | 82 | — | — | — | 0.1 | 0.1 | 0.0 | 0.2 | ◐,● | ◐,● |
| 20 | 12.7 | 556 | 7.0 | 6.0 | 80 | 68 | 55 | 46 | 56 | 66 | 62 | — | — | — | — | — | — | — | ◑,⊖ | ⊖,↙ |
| 21 | 12.7 | 547 | 7.3 | 4.9 | 82 | 78 | 41 | 39 | 50 | 85 | 63 | — | — | — | — | — | — | — | ⊖⊖ | ⊖⊖ |
| 22 | 3.6 | 253 | (2.2) | (2.4) | 94 | 90 | 53 | 65 | 73 | 95 | 78 | — | — | — | — | 0.1 | 0.7 | 0.8 | ⊖⊖,↙ | ◐,● |
| 23 | 12.1 | 500 | 5.3 | 3.8 | 95 | 94 | 64 | 51 | 50 | 83 | 73 | 0.0 | — | — | — | — | — | 0.0 | ⊖=,◑,⊖ | ⊖⊖,◐,◑ |
| 24 | 3.8 | 363 | (2.9) | (1.7) | 93 | 92 | 60 | 72 | 80 | 93 | 82 | — | — | — | — | — | — | — | ◑,⊖⊖ | — |
| 25 | 0.9 | 208 | 3.8 | 2.6 | 96 | 93 | 81 | 56 | 63 | 67 | 76 | — | 1.2 | 0.2 | 0.0 | — | — | 1.4 | ● | ◐ |
| 26 | 10.5 | 517 | 5.4 | 4.7 | 88 | 84 | 53 | 47 | 76 | 88 | 73 | — | — | — | — | — | — | — | ⊖⊖ | ⊖⊖ |
| 27 | 8.1 | 479 | 6.3 | 4.4 | 91 | 89 | 82 | 49 | 72 | 86 | 78 | — | — | — | — | — | — | — | ⊖⊖ | ⊖⊖ |
| 28 | 8.1 | 464 | (5.0) | (3.9) | 94 | 89 | 53 | 47 | 75 | 92 | 75 | — | — | — | — | 0.2 | — | 0.2 | ⊖⊖= | ●,⊤,◐ |
| 29 | 7.6 | 453 | (5.1) | (4.7) | 94 | 90 | 76 | 36 | 79 | 87 | 77 | — | — | — | — | — | — | — | ⊖⊖ | ⊖⊖,↙ |
| 30 | 4.0 | 244 | (3.7) | (1.4) | 91 | 87 | 83 | 73 | 79 | 82 | 83 | — | — | 0.1 | — | — | — | 0.1 | — | ⊖⊖,◪,● |
| 31 | 5.1 | 419 | 5.5 | 3.9 | 94 | 95 | 72 | 54 | 75 | 85 | 79 | 1.7 | 0.0 | — | — | — | — | 1.7 | ⊖⊖,● | ⊖⊖,◪,↙ |
| | 208.1 | 11617 | 137.3 | 98.8 | 87 | 85 | 63 | 55 | 68 | 82 | 73 | 10.1 | 2.0 | 0.7 | 6.3 | 9.5 | 16.6 | 45.2 | | |

# JUNE, 1959.

| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 4.9 | 6.0 | 6.4 | 4.0 | 5.3 | 5.6 | 5.4 | 12.4 | 13.5 | 13.8 | 11.4 | 12.7 | 13.1 | 12.8 | 16.9 | 17.3 | 21.2 | 21.1 | 16.8 | 15.1 | 18.1 |
| 2 | 3.9 | 3.4 | 3.8 | 3.6 | 4.3 | 5.6 | 4.1 | 11.5 | 10.9 | 11.3 | 11.1 | 11.8 | 13.1 | 11.6 | 14.7 | 14.3 | 15.2 | 17.1 | 15.3 | 14.3 | 15.2 |
| 3 | 5.2 | 5.4 | 5.4 | 4.5 | 5.2 | 6.7 | 5.4 | 12.8 | 13.0 | 12.7 | 11.9 | 12.7 | 14.4 | 12.9 | 13.8 | 13.7 | 19.4 | 18.2 | 16.9 | 14.5 | 16.1 |
| 4 | 6.1 | 6.0 | 6.9 | 6.9 | 7.9 | 10.0 | 7.3 | 13.7 | 13.6 | 14.4 | 14.5 | 15.5 | 17.6 | 14.9 | 13.7 | 13.9 | 17.2 | 15.3 | 14.6 | 11.9 | 14.4 |
| 5 | 8.9 | 9.7 | 9.4 | 7.9 | 7.6 | 8.8 | 8.7 | 16.6 | 17.3 | 17.0 | 15.5 | 15.1 | 16.5 | 16.3 | 11.8 | 12.6 | 15.9 | 17.6 | 15.7 | 12.7 | 14.4 |
| 6 | 7.0 | 6.4 | 6.2 | 4.3 | 2.6 | 1.7 | 4.7 | 14.7 | 14.1 | 13.8 | 11.8 | 10.1 | 9.2 | 12.3 | 11.6 | 13.0 | 15.8 | 17.8 | 17.3 | 17.2 | 15.5 |
| 7 | 999.8 | 999.7 | 0.0 | 998.5 | 998.4 | 999.1 | 999.3 | 7.3 | 7.2 | 7.5 | 5.8 | 5.7 | 6.6 | 6.7 | 16.1 | 16.3 | 18.5 | 22.7 | 22.2 | 18.7 | 19.1 |
| 8 | 998.8 | 999.9 | 998.2 | 996.3 | 996.4 | 996.8 | 997.7 | 6.3 | 7.3 | 5.5 | 3.7 | 3.8 | 4.3 | 5.2 | 17.6 | 17.8 | 21.5 | 22.9 | 20.3 | 16.7 | 19.5 |
| 9 | 995.0 | 994.5 | 994.8 | 994.7 | 995.7 | 998.1 | 995.5 | 2.5 | 2.0 | 2.2 | 2.1 | 3.1 | 5.7 | 2.9 | 15.6 | 16.7 | 18.0 | 19.2 | 16.6 | 13.5 | 16.6 |
| 10 | 998.5 | 999.0 | 0.6 | 999.6 | 1.1 | 0.8 | 999.9 | 6.1 | 6.6 | 7.9 | 7.0 | 8.6 | 8.4 | 7.4 | 12.1 | 14.3 | 19.7 | 19.0 | 15.3 | 12.9 | 15.6 |
| 11 | 998.2 | 996.9 | 994.3 | 991.1 | 991.0 | 988.5 | 993.3 | 5.7 | 4.5 | 1.8 | 998.6 | 998.6 | 996.0 | 0.9 | 12.7 | 12.1 | 13.8 | 13.7 | 10.7 | 10.6 | 12.3 |
| 12 | 987.4 | 988.0 | 988.8 | 989.7 | 992.3 | 995.0 | 990.2 | 994.9 | 995.5 | 996.3 | 997.1 | 999.9 | 2.5 | 997.7 | 11.7 | 11.5 | 14.1 | 15.3 | 12.7 | 12.5 | 13.0 |
| 13 | 995.4 | 997.7 | 999.8 | 0.1 | 1.3 | 2.6 | 999.5 | 2.9 | 5.1 | 7.2 | 7.4 | 8.7 | 10.2 | 6.9 | 14.6 | 16.7 | 20.7 | 23.1 | 18.6 | 15.5 | 18.2 |
| 14 | 2.1 | 3.0 | 0.8 | 999.1 | 999.2 | 1.7 | 1.0 | 9.7 | 10.6 | 8.1 | 6.4 | 6.6 | 9.1 | 8.4 | 13.0 | 14.1 | 21.2 | 23.8 | 21.6 | 17.0 | 18.5 |
| 15 | 1.1 | 1.4 | 0.8 | 998.0 | 998.6 | 998.9 | 999.8 | 8.6 | 8.8 | 8.3 | 5.3 | 6.0 | 6.4 | 7.2 | 16.9 | 16.5 | 19.5 | 23.3 | 20.8 | 18.3 | 19.2 |
| 16 | 997.3 | 998.3 | 998.5 | 997.6 | 998.1 | 997.7 | 997.9 | 6.1 | 5.7 | 5.8 | 4.8 | 5.4 | 5.1 | 5.5 | 17.0 | 18.0 | 23.7 | 24.2 | 23.1 | 17.6 | 20.6 |
| 17 | 996.4 | 996.9 | 997.3 | 996.3 | 997.0 | 999.1 | 997.2 | 3.9 | 4.3 | 4.6 | 3.6 | 4.3 | 6.6 | 4.6 | 15.6 | 16.5 | 21.2 | 23.9 | 21.5 | 17.1 | 19.3 |
| 18 | 997.4 | 997.8 | 998.5 | 997.6 | 998.4 | 1.0 | 998.5 | 4.8 | 5.3 | 5.9 | 4.9 | 5.9 | 8.5 | 5.9 | 15.6 | 15.3 | 17.1 | 20.0 | 17.6 | 14.7 | 16.7 |
| 19 | 0.6 | 0.6 | 2.2 | 0.6 | 999.7 | 998.9 | 4.0 | 8.2 | 8.2 | 9.8 | 8.1 | 7.2 | 6.4 | 8.0 | 13.7 | 13.7 | 16.2 | 15.5 | 15.4 | 15.5 | 15.0 |
| 20 | 997.8 | 998.0 | 997.3 | 997.1 | 998.2 | 0.3 | 998.1 | 5.3 | 5.4 | 4.7 | 4.4 | 5.7 | 7.8 | 5.6 | 15.9 | 16.7 | 19.0 | 20.0 | 17.3 | 15.9 | 17.5 |
| 21 | 1.0 | 2.1 | 3.3 | 2.7 | 3.3 | 4.0 | 2.7 | 8.5 | 9.6 | 10.7 | 10.1 | 10.7 | 11.6 | 10.2 | 15.6 | 16.1 | 17.8 | 21.4 | 18.0 | 16.7 | 17.6 |
| 22 | 3.2 | 3.8 | 4.9 | 4.2 | 5.0 | 6.7 | 4.6 | 10.7 | 11.3 | 12.4 | 11.5 | 12.4 | 14.2 | 12.1 | 16.7 | 17.0 | 19.0 | 21.1 | 18.5 | 17.3 | 18.3 |
| 23 | 6.5 | 7.1 | 6.9 | 6.5 | 7.1 | 7.8 | 7.0 | 14.1 | 14.6 | 14.4 | 13.8 | 14.6 | 15.3 | 14.5 | 16.8 | 17.3 | 20.2 | 19.2 | 17.5 | 16.9 | 18.0 |
| 24 | 6.9 | 7.6 | 7.9 | 7.0 | 7.8 | 8.4 | 7.6 | 14.5 | 15.1 | 15.5 | 14.6 | 15.4 | 16.0 | 15.2 | 16.8 | 16.8 | 17.8 | 17.6 | 17.3 | 16.2 | 17.1 |
| 25 | 7.7 | 8.2 | 8.7 | 7.4 | 8.0 | 8.8 | 8.1 | 15.3 | 15.8 | 16.2 | 14.9 | 15.6 | 16.3 | 15.7 | 15.5 | 16.2 | 18.8 | 19.8 | 17.6 | 16.8 | 17.5 |
| 26 | 8.1 | 8.4 | 8.4 | 7.3 | 8.2 | 10.0 | 8.4 | 15.7 | 15.9 | 15.9 | 14.6 | 15.8 | 17.5 | 15.9 | 16.7 | 17.4 | 19.7 | 21.9 | 19.0 | 17.2 | 18.7 |
| 27 | 9.4 | 10.6 | 10.2 | 8.8 | 8.4 | 10.1 | 9.6 | 16.9 | 18.1 | 17.6 | 16.2 | 15.9 | 17.5 | 17.0 | 16.7 | 16.9 | 19.6 | 23.1 | 20.6 | 18.0 | 19.2 |
| 28 | 9.1 | 9.2 | 9.6 | 7.7 | 7.4 | 9.4 | 8.7 | 16.6 | 16.7 | 17.0 | 15.0 | 14.7 | 16.9 | 16.2 | 17.4 | 17.6 | 20.6 | 25.9 | 24.8 | 18.6 | 20.8 |
| 29 | 8.2 | 9.6 | 7.8 | 7.3 | 7.2 | 8.3 | 8.1 | 15.7 | 17.1 | 15.3 | 14.6 | 14.6 | 15.8 | 15.5 | 18.0 | 18.5 | 20.4 | 22.7 | 22.4 | 18.4 | 20.1 |
| 30 | 7.7 | 7.6 | 6.9 | 4.0 | 3.0 | 3.9 | 5.5 | 15.2 | 15.1 | 14.3 | 11.3 | 10.3 | 11.4 | 12.9 | 17.8 | 18.2 | 22.2 | 25.5 | 23.1 | 20.2 | 21.2 |
| 31 | | | | | | | | | | | | | | | | | | | | | |
| Mean | 2.3 | 2.8 | 2.8 | 1.7 | 2.1 | 3.1 | 2.5 | 9.9 | 10.3 | 10.3 | 9.1 | 9.6 | 10.7 | 10.0 | 15.3 | 15.8 | 18.8 | 20.4 | 18.3 | 16.0 | 17.4 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | | | Mean | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | | | 6 obs. | 24 h. |
| 1 | 22.1 | 14.9 | 18.5 | 7.2 | W | 2.0 | — | 0.0 | — | 0.2 | SE | 6.1 | W | 5.0 | WNW | 0.4 | | | 2.3 | 1.6 |
| 2 | 17.2 | 13.6 | 15.4 | 3.6 | N | 0.9 | NNW | 2.8 | — | 0.0 | — | 0.0 | SSE | 2.8 | WSW | 0.7 | | | 1.2 | 1.0 |
| 3 | 19.8 | 12.8 | 16.3 | 7.0 | — | 0.0 | N | 0.4 | E | 0.7 | ESE | 5.0 | SSE | 3.2 | — | 0.0 | | | 1.6 | 1.6 |
| 4 | 18.8 | 11.0 | 14.9 | 7.8 | — | 0.0 | — | 0.0 | ENE | 5.4 | NW | 1.5 | S | 3.6 | SSE | 1.7 | | | 2.0 | 1.9 |
| 5 | 18.0 | 11.0 | 14.5 | 7.0 | S | 0.4 | S | 2.4 | SSE | 4.4 | SSW | 4.8 | SSE | 5.4 | SE | 3.0 | | | 3.4 | 3.0 |
| 6 | 18.0 | 10.7 | 14.4 | 7.3 | — | 0.0 | — | 0.0 | SSE | 3.8 | SSE | 6.1 | SE | 4.2 | SSE | 3.8 | | | 3.0 | 3.1 |
| 7 | 23.5 | 15.8 | 19.7 | 7.7 | SSE | 3.0 | SSE | 3.8 | S | 2.2 | SE | 0.4 | N | 1.3 | ENE | 1.5 | | | 2.0 | 2.2 |
| 8 | 23.4 | 16.1 | 19.8 | 7.3 | NNE | 1.7 | NE | 0.7 | NNE | 3.4 | NNE | 2.6 | NNW | 4.0 | — | 0.2 | | | 2.1 | 2.3 |
| 9 | 21.4 | 12.3 | 16.9 | 9.1 | — | 0.2 | ENE | 1.1 | NW | 2.4 | NNW | 5.0 | W | 8.0 | NNE | 1.5 | | | 3.0 | 2.6 |
| 10 | 21.4 | 10.1 | 15.8 | 11.3 | N | 0.7 | N | 0.4 | W | 1.1 | SE | 7.6 | S | 4.2 | S | 2.8 | | | 2.8 | 2.9 |
| 11 | 15.0 | 10.2 | 12.6 | 4.8 | — | 0.0 | NNW | 4.0 | NNW | 2.4 | NNW | 6.7 | NNW | 9.3 | NNW | 9.4 | | | 5.3 | 5.1 |
| 12 | 16.4 | 10.8 | 13.6 | 5.6 | N | 6.5 | N | 7.4 | NNW | 9.1 | N | 5.2 | NNE | 1.1 | — | 0.0 | | | 4.9 | 5.5 |
| 13 | 23.2 | 13.0 | 18.1 | 10.2 | N | 7.1 | N | 0.9 | NNW | 4.2 | NNW | 6.3 | N | 4.2 | N | 1.5 | | | 4.0 | 3.9 |
| 14 | 24.8 | 11.6 | 18.2 | 13.2 | NNE | 1.1 | N | 1.5 | WSW | 0.7 | S | 5.7 | SSE | 4.0 | SSE | 2.6 | | | 2.6 | 2.4 |
| 15 | 24.0 | 15.8 | 19.9 | 8.2 | — | 0.2 | W | 0.7 | SE | 2.2 | SSE | 5.4 | S | 6.1 | SSE | 4.8 | | | 3.2 | 3.0 |
| 16 | 26.7 | 16.1 | 21.4 | 10.6 | SSE | 5.2 | SSE | 3.4 | W | 8.7 | NNW | 3.4 | ENE | 1.7 | NNW | 0.4 | | | 3.8 | 3.1 |
| 17 | 24.6 | 14.9 | 19.8 | 9.7 | SE | 0.9 | ENE | 2.4 | NNW | 1.3 | NNW | 5.0 | N | 3.4 | S | 3.0 | | | 2.7 | 2.5 |
| 18 | 20.8 | 14.0 | 17.4 | 6.8 | SSE | 3.2 | SSE | 2.0 | S | 4.2 | SSE | 5.2 | SSE | 6.3 | SE | 4.4 | | | 4.2 | 4.1 |
| 19 | 16.7 | 13.3 | 15.0 | 3.4 | SSE | 2.8 | SSE | 3.8 | SSE | 4.4 | S | 4.6 | SSW | 1.7 | WSW | 0.4 | | | 3.0 | 3.1 |
| 20 | 20.6 | 15.5 | 18.1 | 5.1 | — | 0.0 | — | 0.0 | SSE | 0.9 | SSE | 2.4 | SSE | 3.4 | SSE | 3.4 | | | 1.7 | 1.9 |
| 21 | 22.4 | 15.5 | 19.0 | 6.9 | SSE | 2.4 | SE | 3.2 | SSE | 3.6 | SE | 4.8 | SSE | 6.3 | SSE | 3.6 | | | 4.0 | 3.5 |
| 22 | 22.2 | 16.6 | 19.4 | 5.6 | WSW | 0.4 | S | 2.0 | SSW | 1.3 | S | 2.8 | SSE | 4.4 | SSW | 1.7 | | | 2.1 | 2.6 |
| 23 | 21.6 | 16.6 | 19.1 | 5.0 | SSW | 0.4 | — | 0.0 | SE | 3.2 | SSE | 4.8 | SSE | 3.0 | SSE | 3.4 | | | 2.5 | 2.7 |
| 24 | 18.4 | 15.6 | 17.0 | 2.8 | SSE | 2.2 | S | 3.0 | SSE | 3.8 | SE | 5.0 | SSE | 3.2 | SE | 3.4 | | | 3.4 | 3.8 |
| 25 | 20.2 | 15.5 | 17.9 | 4.7 | SE | 2.6 | S | 2.0 | SE | 1.3 | S | 2.8 | SSW | 2.0 | SSE | 2.0 | | | 2.1 | 2.4 |
| 26 | 22.3 | 16.6 | 19.5 | 5.7 | S | 2.2 | SSE | 0.9 | SSE | 3.6 | SSE | 1.5 | SSE | 5.7 | SE | 2.8 | | | 2.8 | 3.3 |
| 27 | 24.4 | 16.6 | 20.5 | 7.8 | SE | 1.7 | S | 1.7 | SSE | 4.4 | S | 4.4 | S | 5.0 | SSE | 4.2 | | | 3.6 | 3.9 |
| 28 | 27.7 | 1.73 | 22.5 | 10.4 | SSE | 1.5 | — | 0.0 | WNW | 0.7 | SSE | 1.5 | S | 5.0 | S | 4.6 | | | 2.2 | 2.4 |
| 29 | 24.0 | 1.77 | 20.9 | 6.3 | SW | 1.1 | NNE | 1.1 | ESE | 1.5 | S | 6.1 | SSE | 4.2 | S | 3.6 | | | 2.9 | 2.9 |
| 30 | 26.1 | 1.77 | 21.9 | 8.4 | SSW | 3.4 | SE | 1.5 | SSE | 1.5 | SSW | 3.6 | SSE | 4.8 | S | 3.0 | | | 3.0 | 2.8 |
| 31 | | | | | | | | | | | | | | | | | | | | |
| Mean | 21.5 | 14.3 | 17.9 | 7.2 | | 1.8 | | 1.8 | | 2.9 | | 4.2 | | 4.2 | | 2.6 | | | 2.9 | 2.9 |

# JUNE, 1959.

| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 17.2 | 18.2 | 19.7 | 18.8 | 17.6 | 16.5 | 18.0 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | st | — | — | sc,st | — | — | ns | — | — | st |
| 2 | 16.4 | 16.1 | 16.7 | 17.1 | 15.8 | 15.3 | 16.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | — | ns,sc | — | as | sc | — | — | st |
| 3 | 15.1 | 15.2 | 13.4 | 14.9 | 14.4 | 14.3 | 14.6 | 10 | 10 | 9 | 9 | 10 | 10 | 9.7 | — | — | st | — | — | st | — | — | sc,cu | — | — | sc | cs | — | sc | — | — | sc |
| 4 | 14.5 | 15.0 | 13.2 | 15.1 | 13.2 | 12.4 | 13.9 | 10 | 10 | 10 | 10 | 9 | 10 | 9.8 | — | — | st | — | — | ns | — | — | sc | — | — | ns sc | — | ac | sc,st | — | — | sc |
| 5 | 12.6 | 12.7 | 13.4 | 14.3 | 13.8 | 12.3 | 13.2 | 10 | 10 | 10 | 10 | 3 | 5 | 8.0 | — | — | sc | — | — | sc | — | — | sc | — | — | sc | cc | — | sc | — | — | sc |
| 6 | 12.3 | 13.0 | 14.6 | 15.5 | 16.6 | 17.2 | 14.9 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | ns |
| 7 | 17.7 | 18.0 | 19.3 | 20.3 | 20.1 | 18.6 | 19.0 | 10 | 10 | 10 | 10 | 10 | 3 | 8.8 | — | — | ns | — | — | ns | — | — | sc,st | — | — | sc | — | — | sc | — | — | sc |
| 8 | 17.3 | 15.7 | 17.1 | 16.2 | 16.6 | 16.1 | 16.5 | 10 | 9 | 10 | 10 | 8 | 7 | 9.0 | — | — | sc | ci | — | sc | cs | — | sc | cs | — | sc | cc | — | sc | — | — | sc |
| 9 | 16.3 | 16.3 | 16.9 | 15.7 | 13.6 | 12.7 | 15.3 | 10 | 8 | 10 | 9 | 5 | 6 | 8.0 | — | — | st | — | — | sc | — | — | ns | cs | — | sc | — | — | sc | cs | — | sc |
| 10 | 13.3 | 13.5 | 12.6 | 14.9 | 14.1 | 13.1 | 13.6 | 10 | 1 | 10 | 10 | 10 | 10 | 8.5 | cs | — | sc | cs | — | cu | ci,cs | — | cu | cs | — | sc | — | — | sc | cs | — | — |
| 11 | 13.9 | 13.3 | 14.9 | 14.7 | 12.1 | 12.0 | 13.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 12 | 10.6 | 10.0 | 10.8 | 11.2 | 12.3 | 13.1 | 11.3 | 10 | 8 | 5 | 10 | 10 | 10 | 8.8 | — | — | st | — | ac | sc | cc | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 13 | 12.6 | 12.5 | 13.3 | 13.8 | 13.4 | 13.0 | 13.1 | 10 | 4 | 4 | 10 | 10 | 10 | 8.0 | cs | — | sc | cs | — | cu | cc,cs,ci- | | cu | ci,cs | — | cu | cs,cc,ci- | | — | — | — | sc |
| 14 | 13.2 | 12.9 | 13.3 | 17.2 | 16.1 | 17.9 | 15.1 | 4 | 5 | 3 | 8 | 3 | 9 | 5.3 | — | — | sc | — | ac | sc | cc | — | cu | — | ac | sc,cu | cc | ac | sc | — | — | sc |
| 15 | 18.3 | 17.1 | 18.5 | 20.4 | 20.8 | 20.0 | 19.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | sc | ci | — | sc | cc | — | — | — | as | — |
| 16 | 18.2 | 19.3 | 16.9 | 18.9 | 18.4 | 17.5 | 18.2 | 10 | 6 | 3 | 9 | 3 | 0 | 5.2 | — | — | st | — | — | sc | cc | — | cu | — | — | sc,cu | cc | — | cu | cs | — | — |
| 17 | 16.8 | 17.8 | 17.4 | 17.5 | 17.0 | 16.0 | 17.1 | 0 | 10 | 9 | 6 | 10 | 10 | 7.5 | — | — | — | — | — | sc,cu | — | — | sc | cs | — | cu | cs | — | sc | — | — | sc |
| 18 | 16.0 | 15.8 | 16.0 | 18.1 | 15.7 | 14.0 | 15.9 | 10 | 10 | 10 | 6 | 3 | 10 | 8.2 | — | — | st | — | — | st | — | as | sc | cs | — | sc | cs | — | sc | — | as | — |
| 19 | 13.9 | 14.8 | 15.2 | 16.2 | 16.8 | 17.3 | 15.7 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | st | — | — | ns | — | — | ns | — | — | ns |
| 20 | 17.5 | 18.6 | 19.2 | 19.1 | 19.0 | 17.3 | 18.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | st | — | — | st | — | — | st | — | — | ns | — | — | ns |
| 21 | 17.2 | 17.6 | 18.3 | 19.8 | 17.6 | 17.0 | 17.9 | 10 | 10 | 10 | 8 | 9 | 10 | 9.5 | — | — | st | — | — | st | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 22 | 17.7 | 18.1 | 19.0 | 19.0 | 17.6 | 17.5 | 18.2 | 10 | 10 | 10 | 9 | 10 | 10 | 9.8 | — | — | sc | — | — | st | — | — | st,sc | — | — | st,sc | — | — | st | — | — | st |
| 23 | 17.8 | 18.2 | 18.6 | 19.4 | 18.7 | 18.3 | 18.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | sc | — | — | st | — | — | ns | — | — | st |
| 24 | 18.6 | 18.4 | 19.4 | 18.6 | 18.0 | 16.2 | 18.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | st |
| 25 | 16.0 | 16.6 | 17.4 | 19.4 | 18.6 | 18.4 | 17.7 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | st,sc | — | — | st sc | — | — | sc,st | — | — | sc,ns | — | — | st |
| 26 | 18.3 | 18.9 | 19.5 | 21.3 | 19.8 | 17.9 | 19.3 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | st | — | ac | sc,cu | — | — | st | — | — | ns |
| 27 | 17.7 | 18.1 | 19.2 | 20.9 | 19.3 | 17.9 | 18.9 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | sc | — | — | sc | cs | — | sc | — | — | sc |
| 28 | 18.9 | 19.0 | 19.7 | 21.8 | 24.1 | 20.4 | 20.7 | 10 | 10 | 10 | 10 | 10 | 2 | 8.7 | — | — | ns | — | — | ns | — | — | st | ci | — | — | ci | — | — | — | — | st |
| 29 | 19.9 | 20.5 | 21.4 | 21.6 | 22.0 | 20.2 | 20.9 | 10 | 10 | 10 | 10 | 10 | 7 | 9.5 | — | — | st | — | — | st | — | — | ns | — | as | st | cs | — | st | — | — | st |
| 30 | 19.6 | 20.1 | 21.7 | 22.1 | 23.0 | 22.4 | 21.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | cs | — | sc | cs | — | cu | cs,cc | — | sc | — | — | sc |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mean | 16.2 | 16.4 | 16.9 | 17.8 | 17.2 | 16.4 | 16.8 | 9.5 | 9.0 | 9.1 | 9.4 | 8.8 | 8.6 | 9.1 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P. M. |
| 1 | 0.8 | 208 | (0.2) | (0.0) | 89 | 92 | 78 | 75 | 92 | 96 | 87 | — | — | — | 0.8 | 1.6 | 16.2 | 18.6 | ⊤ | ●,⊤ |
| 2 | — | 66 | (1.7) | (0.5) | 98 | 99 | 97 | 88 | 91 | 94 | 95 | 2.0 | 12.1 | 19.4 | 9.4 | 6.3 | — | 49.2 | ● | ● |
| 3 | 4.7 | 404 | (3.5) | (2.6) | 96 | 97 | 60 | 71 | 75 | 87 | 81 | — | — | — | 0.4 | — | — | 0.4 | ◊ | ◊,● |
| 4 | 0.6 | 259 | (2.3) | (2.0) | 93 | 95 | 67 | 87 | 80 | 89 | 85 | — | 1.0 | — | 3.1 | 1.0 | — | 4.2 | ●,☽ | ● |
| 5 | 2.9 | 353 | 3.0 | 1.9 | 91 | 87 | 74 | 71 | 78 | 84 | 81 | — | — | — | — | — | — | — | — | — |
| 6 | — | 113 | (0.9) | (0.1) | 90 | 87 | 81 | 76 | 84 | 88 | 84 | — | — | — | — | 0.0 | 0.1 | 0.1 | — | ● |
| 7 | 3.1 | 275 | 3.9 | 2.5 | 97 | 97 | 91 | 74 | 75 | 86 | 87 | 5.0 | 9.3 | 0.7 | — | — | — | 15.0 | ● | — |
| 8 | 4.3 | 402 | 3.6 | 2.6 | 86 | 77 | 67 | 58 | 70 | 85 | 74 | — | — | — | — | — | — | — | ⌓ | — |
| 9 | 3.8 | 300 | (4.5) | (3.1) | 92 | 86 | 82 | 71 | 72 | 82 | 81 | — | — | 0.0 | 0.1 | — | — | 0.1 | ● | ◤,◊ |
| 10 | 9.3 | 494 | (3.8) | (2.8) | 94 | 83 | 55 | 68 | 81 | 88 | 78 | — | — | — | — | — | — | — | ⌓ ◊ | ≤,● |
| 11 | — | 44 | (0.0) | (0.4) | 94 | 94 | 95 | 94 | 94 | 94 | 94 | 2.3 | 8.8 | 1.5 | 5.2 | 17.2 | 2.0 | 37.0 | ● | ●,◤ |
| 12 | 4.6 | 464 | (4.6) | (2.7) | 77 | 74 | 67 | 65 | 84 | 90 | 76 | 0.2 | — | — | — | 0.2 | — | 0.4 | ◊,◤ | ◊,● |
| 13 | 9.1 | 562 | 6.7 | 4.9 | 76 | 66 | 54 | 49 | 63 | 74 | 64 | — | — | — | — | — | — | — | ◊ | ◊ |
| 14 | 10.0 | 493 | 5.1 | 3.0 | 88 | 80 | 53 | 58 | 63 | 92 | 72 | — | — | — | — | — | — | — | ⌓,≤,◊ | — |
| 15 | 3.3 | — | (5.8) | (3.5) | 95 | 91 | 81 | 71 | 85 | 95 | 86 | — | — | 0.0 | — | — | — | 0.0 | ● | ⊤,☽,≤,⌓ |
| 16 | 8.1 | 451 | (5.0) | (4.0) | 94 | 93 | 58 | 62 | 65 | 87 | 77 | 1.3 | — | — | — | — | — | 1.3 | ☽,●,◹,◹ | ⌓ |
| 17 | 8.9 | 488 | 5.6 | 2.9 | 95 | 95 | 69 | 59 | 66 | 82 | 78 | — | — | — | — | — | — | — | ⊤,◹,● | — |
| 18 | 5.1 | 321 | 4.6 | 4.9 | 90 | 91 | 82 | 78 | 78 | 84 | 84 | — | — | — | — | — | — | — | — | — |
| 19 | — | 140 | (0.8) | (0.4) | 88 | 95 | 83 | 92 | 96 | 98 | 92 | — | — | — | 0.0 | 0.7 | 1.5 | 2.2 | — | ☽,● |
| 20 | — | 112 | (1.4) | (0.5) | 97 | 98 | 87 | 82 | 96 | 96 | 93 | 0.3 | — | — | 0.0 | 1.7 | 0.1 | 2.1 | ☽ | ●,☽ |
| 21 | 0.9 | 238 | 2.9 | 1.7 | 97 | 96 | 90 | 78 | 85 | 89 | 89 | 1.8 | — | — | — | — | — | 1.8 | ● | — |
| 22 | 1.3 | 179 | 2.9 | 2.2 | 93 | 93 | 86 | 76 | 83 | 89 | 87 | — | — | 0.0 | — | — | — | 0.0 | ☽ | — |
| 23 | 0.3 | 190 | (0.9) | — | 93 | 92 | 78 | 87 | 93 | 95 | 90 | — | — | — | 0.6 | 0.3 | 0.2 | 1.1 | — | ●,☽ |
| 24 | — | 72 | (1.5) | (0.8) | 97 | 96 | 95 | 92 | 91 | 88 | 93 | 0.7 | 1.3 | 0.3 | 0.1 | 0.0 | 0.0 | 2.4 | ☽ | ☽ |
| 25 | 0.4 | 196 | (1.6) | (1.0) | 91 | 90 | 80 | 84 | 93 | 96 | 89 | 0.0 | — | 0.0 | 2.3 | 2.0 | 2.0 | 6.3 | ☽ | ● |
| 26 | 0.8 | 293 | (3.0) | (1.6) | 96 | 95 | 85 | 81 | 90 | 91 | 90 | — | 0.5 | — | 0.1 | — | 0.2 | 0.8 | ● | ● |
| 27 | 1.6 | 326 | (4.1) | (2.4) | 93 | 94 | 84 | 74 | 80 | 87 | 85 | 0.0 | — | — | — | — | — | 0.0 | — | — |
| 28 | 7.2 | 384 | 4.8 | 2.7 | 95 | 94 | 81 | 65 | 77 | 95 | 85 | 0.1 | 0.1 | 0.0 | — | — | — | 0.2 | ☽,◴ | ≤,⌓ |
| 29 | 0.8 | 261 | (3.2) | (2.8) | 96 | 96 | 89 | 78 | 81 | 95 | 89 | — | — | 0.0 | 0.2 | — | — | 0.2 | ●,⌓ | ≤ |
| 30 | 3.7 | 362 | 5.4 | 2.9 | 96 | 96 | 81 | 68 | 81 | 95 | 86 | — | — | — | — | — | — | — | ≤ | — |
| 31 | | | | | | | | | | | | | | | | | | | | |
| | 95.6 | 8450 | 98.3 | 63.4 | 92 | 91 | 78 | 74 | 81 | 90 | 84 | 13.7 | 32.2 | 21.9 | 22.3 | 31.0 | 22.3 | 143.4 | | |

# JULY, 1959.

| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 2.5 | 2.1 | 2.0 | 999.5 | 0.3 | 1.1 | 1.3 | 9.9 | 9.5 | 9.2 | 6.7 | 7.5 | 8.4 | 8.5 | 19.4 | 20.0 | 24.9 | 28.1 | 24.4 | 21.2 | 23.0 |
| 2 | 999.4 | 998.9 | 998.1 | 997.3 | 996.1 | 996.2 | 997.7 | 6.8 | 6.3 | 5.4 | 4.7 | 3.5 | 3.6 | 5.1 | 19.8 | 19.2 | 20.3 | 19.4 | 18.9 | 19.0 | 19.4 |
| 3 | 995.1 | 996.8 | 998.2 | 998.5 | 0.6 | 3.3 | 998.8 | 2.6 | 4.2 | 5.6 | 5.8 | 8.0 | 10.8 | 6.2 | 18.6 | 18.1 | 20.5 | 21.6 | 18.6 | 17.6 | 19.2 |
| 4 | 3.4 | 5.4 | 6.6 | 6.1 | 6.2 | 7.2 | 5.8 | 10.9 | 12.9 | 14.1 | 13.5 | 13.7 | 14.7 | 13.3 | 17.3 | 17.0 | 21.0 | 22.1 | 18.5 | 17.2 | 18.9 |
| 5 | 6.6 | 6.6 | 7.1 | 6.0 | 5.4 | 5.5 | 6.2 | 14.2 | 14.2 | 14.6 | 13.4 | 12.8 | 12.9 | 13.7 | 16.5 | 16.5 | 18.8 | 20.1 | 18.6 | 17.5 | 18.0 |
| 6 | 3.3 | 2.2 | 2.1 | 0.7 | 0.4 | 1.8 | 1.8 | 10.8 | 9.7 | 9.5 | 8.0 | 7.8 | 9.1 | 9.2 | 17.5 | 17.5 | 19.8 | 24.0 | 24.3 | 22.2 | 20.9 |
| 7 | 0.8 | 999.6 | 0.0 | 998.5 | 999.5 | 999.4 | 999.6 | 8.2 | 7.0 | 7.4 | 5.7 | 6.8 | 6.7 | 7.0 | 20.2 | 19.6 | 22.0 | 28.8 | 25.0 | 22.4 | 23.0 |
| 8 | 998.7 | 999.0 | 997.6 | 994.8 | 993.1 | 991.9 | 995.9 | 6.1 | 6.3 | 4.6 | 1.9 | 0.3 | 999.1 | 3.1 | 21.8 | 22.1 | 28.0 | 29.1 | 26.1 | 23.1 | 25.0 |
| 9 | 991.6 | 993.6 | 996.0 | 997.3 | 998.8 | 0.2 | 996.3 | 998.9 | 0.8 | 3.2 | 4.4 | 6.1 | 7.6 | 3.5 | 21.8 | 22.3 | 26.5 | 26.9 | 24.0 | 20.8 | 23.7 |
| 10 | 999.2 | 997.7 | 995.9 | 992.0 | 989.1 | 986.8 | 993.5 | 6.6 | 5.1 | 3.2 | 999.4 | 996.3 | 994.1 | 0.8 | 19.4 | 19.4 | 19.8 | 20.6 | 21.7 | 22.0 | 20.5 |
| 11 | 988.2 | 989.7 | 989.8 | 989.0 | 989.5 | 991.1 | 989.6 | 995.5 | 996.8 | 996.9 | 996.2 | 996.7 | 998.5 | 996.8 | 21.7 | 21.8 | 23.7 | 23.9 | 22.9 | 19.6 | 22.3 |
| 12 | 990.4 | 991.0 | 990.6 | 989.2 | 990.5 | 991.9 | 990.6 | 997.8 | 998.4 | 997.8 | 996.3 | 997.7 | 999.2 | 997.9 | 17.1 | 17.7 | 25.2 | 27.3 | 22.8 | 20.4 | 21.8 |
| 13 | 992.3 | 993.8 | 995.0 | 994.6 | 996.4 | 997.8 | 995.0 | 999.7 | 1.2 | 2.4 | 1.8 | 3.8 | 5.1 | 2.3 | 18.8 | 18.6 | 21.7 | 25.8 | 21.8 | 20.8 | 21.3 |
| 14 | 998.4 | 999.5 | 0.5 | 999.9 | 1.4 | 3.4 | 0.5 | 5.8 | 6.9 | 7.9 | 7.3 | 8.8 | 10.8 | 7.9 | 20.2 | 20.3 | 21.6 | 22.7 | 20.5 | 18.7 | 20.7 |
| 15 | 2.6 | 2.1 | 2.1 | 1.9 | 2.5 | 3.8 | 2.5 | 10.1 | 9.5 | 9.4 | 9.1 | 9.7 | 11.1 | 9.8 | 18.8 | 19.0 | 21.7 | 25.5 | 24.5 | 23.1 | 22.1 |
| 16 | 3.8 | 5.2 | 6.2 | 5.5 | 6.2 | 7.5 | 5.7 | 11.1 | 12.6 | 13.6 | 12.7 | 13.6 | 15.0 | 13.1 | 22.3 | 20.8 | 24.7 | 26.0 | 23.1 | 19.5 | 22.7 |
| 17 | 6.8 | 7.5 | 5.9 | 4.3 | 4.6 | 6.1 | 5.9 | 14.4 | 15.0 | 13.1 | 11.5 | 11.9 | 13.6 | 13.3 | 16.1 | 18.2 | 25.3 | 26.9 | 23.7 | 19.4 | 21.6 |
| 18 | 5.1 | 5.2 | 5.2 | 3.4 | 3.7 | 4.8 | 4.6 | 12.6 | 12.7 | 12.6 | 10.7 | 11.0 | 12.3 | 12.0 | 17.3 | 18.1 | 22.0 | 23.7 | 22.0 | 19.4 | 20.4 |
| 19 | 4.0 | 3.7 | 4.2 | 3.5 | 3.6 | 4.8 | 4.0 | 11.5 | 11.1 | 11.5 | 10.9 | 11.0 | 12.2 | 11.4 | 19.4 | 19.4 | 22.3 | 21.6 | 22.9 | 20.2 | 21.0 |
| 20 | 4.3 | 5.4 | 5.1 | 3.8 | 3.8 | 5.3 | 4.6 | 11.7 | 12.8 | 12.4 | 11.1 | 11.1 | 12.7 | 12.0 | 19.6 | 20.0 | 22.7 | 24.8 | 23.9 | 19.9 | 21.8 |
| 21 | 5.0 | 5.5 | 5.4 | 3.6 | 3.8 | 4.3 | 4.6 | 12.5 | 13.0 | 12.7 | 10.8 | 11.1 | 11.7 | 12.0 | 16.3 | 16.3 | 24.3 | 28.3 | 26.4 | 21.1 | 22.1 |
| 22 | 3.8 | 3.9 | 5.1 | 2.5 | 3.5 | 4.0 | 3.8 | 11.3 | 11.4 | 12.3 | 9.7 | 10.9 | 11.4 | 11.2 | 18.6 | 19.2 | 22.9 | 28.6 | 24.1 | 22.4 | 22.6 |
| 23 | 3.0 | 3.6 | 1.7 | 0.6 | 0.7 | 0.4 | 1.7 | 10.5 | 11.0 | 9.0 | 7.8 | 7.9 | 7.8 | 9.0 | 21.7 | 21.5 | 25.5 | 27.4 | 23.4 | 23.0 | 23.8 |
| 24 | 999.3 | 998.6 | 998.5 | 996.7 | 996.9 | 997.9 | 998.0 | 6.6 | 5.9 | 5.7 | 3.9 | 4.2 | 5.1 | 5.2 | 22.2 | 22.7 | 23.5 | 24.8 | 24.5 | 23.3 | 23.5 |
| 25 | 998.0 | 999.2 | 0.1 | 999.4 | 2.3 | 4.4 | 0.6 | 5.3 | 6.5 | 7.3 | 6.5 | 9.6 | 11.9 | 7.9 | 22.9 | 22.1 | 28.4 | 30.4 | 24.1 | 17.6 | 24.3 |
| 26 | 5.8 | 7.0 | 6.3 | 4.3 | 4.3 | 5.4 | 5.5 | 13.4 | 14.5 | 13.6 | 11.5 | 11.6 | 12.8 | 12.9 | 15.5 | 15.6 | 24.3 | 28.6 | 24.5 | 18.7 | 21.2 |
| 27 | 4.6 | 5.0 | 3.2 | 1.0 | 1.4 | 2.6 | 3.0 | 12.2 | 12.5 | 10.5 | 8.2 | 8.6 | 10.1 | 10.4 | 15.7 | 16.5 | 25.2 | 29.0 | 25.3 | 19.2 | 21.8 |
| 28 | 2.1 | 2.8 | 2.7 | 2.6 | 3.8 | 4.9 | 3.2 | 9.7 | 10.3 | 10.0 | 9.8 | 11.0 | 12.3 | 10.5 | 16.5 | 17.5 | 26.3 | 26.9 | 23.5 | 18.3 | 21.5 |
| 29 | 4.8 | 5.8 | 5.1 | 3.1 | 3.0 | 4.0 | 4.3 | 12.3 | 13.3 | 12.4 | 10.4 | 10.4 | 11.5 | 11.7 | 15.9 | 16.6 | 24.5 | 27.9 | 23.9 | 19.4 | 21.4 |
| 30 | 3.1 | 2.9 | 2.0 | 999.0 | 999.6 | 0.3 | 1.2 | 10.6 | 10.4 | 9.2 | 6.2 | 6.9 | 7.7 | 8.5 | 17.4 | 18.0 | 25.5 | 30.8 | 25.5 | 20.0 | 22.9 |
| 31 | 999.1 | 999.4 | 999.3 | 998.2 | 997.9 | 999.9 | 999.0 | 6.6 | 6.9 | 6.5 | 5.3 | 5.0 | 7.2 | 6.3 | 18.0 | 18.8 | 28.6 | 30.2 | 26.5 | 24.7 | 24.5 |
| Mean | 0.8 | 1.2 | 1.2 | 999.9 | 0.3 | 1.2 | 0.8 | 8.3 | 8.7 | 8.5 | 7.1 | 7.6 | 8.6 | 8.1 | 18.8 | 19.0 | 23.6 | 25.9 | 23.2 | 20.4 | 21.8 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | Mean | |
| | | | | | | | | | | | | | | | | | 6 obs. | 24 h. |
| 1 | 29.5 | 19.4 | 24.5 | 10.1 | SSW | 1.7 | S | 0.9 | W | 1.3 | W | 2.6 | SSE | 5.5 | SSW | 2.8 | 2.5 | 2.2 |
| 2 | 20.8 | 18.9 | 19.9 | 1.9 | — | 0.0 | NNE | 0.9 | WSW | 2.0 | S | 4.6 | WSW | 3.4 | — | 0.0 | 1.8 | 1.7 |
| 3 | 22.4 | 17.4 | 19.9 | 5.0 | NNW | 3.0 | NW | 1.1 | WSW | 1.3 | SSE | 5.0 | S | 3.0 | S | 3.4 | 2.8 | 2.7 |
| 4 | 22.9 | 16.8 | 19.9 | 6.1 | S | 2.4 | S | 3.6 | S | 3.6 | SSE | 4.4 | SE | 3.8 | SSE | 4.8 | 3.8 | 3.6 |
| 5 | 20.2 | 16.2 | 18.2 | 4.0 | SSE | 2.6 | SSE | 3.4 | ESE | 2.2 | SSE | 2.8 | SSE | 3.8 | SSE | 1.5 | 2.7 | 3.0 |
| 6 | 25.4 | 17.2 | 21.3 | 8.2 | ESE | 0.4 | N | 0.4 | — | 0.2 | SSE | 1.1 | SE | 1.3 | — | 0.0 | 0.6 | 0.8 |
| 7 | 29.4 | 19.4 | 24.4 | 10.0 | SSE | 5.5 | SSE | 6.1 | SE | 1.3 | W | 0.9 | NW | 1.1 | — | 0.0 | 2.5 | 3.0 |
| 8 | 30.5 | 21.2 | 25.9 | 9.3 | WNW | 0.7 | S | 1.5 | SSE | 4.6 | SSE | 7.6 | S | 6.3 | S | 2.6 | 3.9 | 3.2 |
| 9 | 27.9 | 20.0 | 24.0 | 7.9 | SE | 3.0 | S | 1.7 | WSW | 7.4 | NW | 2.0 | ENE | 1.1 | SE | 1.1 | 2.7 | 2.7 |
| 10 | 22.1 | 19.0 | 20.6 | 3.1 | — | 0.0 | — | 0.0 | SSE | 3.2 | S | 6.7 | SSE | 5.5 | S | 6.7 | 3.7 | 4.1 |
| 11 | 24.4 | 19.1 | 21.8 | 5.3 | NE | 2.6 | N | 2.2 | NNE | 3.0 | N | 4.0 | NNW | 3.6 | NNE | 0.9 | 2.7 | 2.7 |
| 12 | 28.0 | 15.6 | 21.8 | 12.4 | — | 0.2 | — | 0.0 | NE | 0.9 | NNW | 0.7 | WNW | 2.0 | S | 4.0 | 1.3 | 1.5 |
| 13 | 26.8 | 17.5 | 22.2 | 9.3 | — | 0.0 | WNW | 0.4 | S | 3.0 | SSE | 3.4 | ENE | 2.8 | — | 0.0 | 1.6 | 1.4 |
| 14 | 23.2 | 18.7 | 21.0 | 4.5 | — | 0.0 | N | 1.1 | SW | 0.7 | SSW | 3.6 | SSW | 4.0 | S | 3.2 | 2.1 | 2.2 |
| 15 | 26.4 | 18.6 | 22.5 | 7.8 | S | 2.4 | SSW | 1.7 | SSW | 2.2 | WSW | 3.4 | NNE | 0.4 | S | 3.0 | 2.2 | 2.0 |
| 16 | 26.6 | 18.0 | 22.3 | 8.6 | S | 0.9 | NNE | 1.7 | N | 5.4 | N | 5.9 | NNW | 2.0 | NE | 2.2 | 3.0 | 2.8 |
| 17 | 28.4 | 14.6 | 21.5 | 13.8 | NNW | 1.1 | NNW | 1.1 | NE | 1.3 | SSE | 4.8 | SSE | 4.0 | SSE | 4.2 | 2.8 | 2.5 |
| 18 | 24.2 | 16.6 | 20.4 | 7.6 | SSE | 1.3 | — | 0.0 | SSE | 2.0 | S | 2.8 | SSW | 3.0 | S | 1.3 | 1.7 | 2.0 |
| 19 | 24.0 | 19.2 | 21.6 | 4.8 | — | 0.0 | S | 0.4 | SSW | 3.0 | S | 4.0 | S | 3.2 | SSE | 4.6 | 2.5 | 2.6 |
| 20 | 26.8 | 18.7 | 22.8 | 8.1 | ENE | 0.9 | — | 0.0 | NNW | 3.8 | W | 2.6 | N | 2.4 | N | 2.2 | 2.0 | 1.9 |
| 21 | 29.6 | 15.0 | 22.3 | 14.6 | NW | 1.5 | NNE | 1.1 | NNW | 1.3 | W | 0.7 | — | 0.2 | — | 0.2 | 0.8 | 0.9 |
| 22 | 29.2 | 18.4 | 23.8 | 10.8 | W | 1.1 | — | 0.2 | — | 0.2 | SSW | 3.4 | WSW | 4.4 | NNW | 0.4 | 1.6 | 1.0 |
| 23 | 28.0 | 21.0 | 24.5 | 7.0 | — | 0.0 | — | 0.0 | W | 0.7 | SSE | 2.6 | SSE | 5.0 | SE | 0.9 | 1.5 | 1.1 |
| 24 | 26.1 | 22.2 | 24.2 | 3.9 | SE | 0.4 | S | 1.1 | S | 5.2 | SSE | 6.1 | SSE | 6.5 | SSE | 2.6 | 3.7 | 3.7 |
| 25 | 31.7 | 16.9 | 24.3 | 14.8 | — | 0.0 | — | 0.0 | NNE | 3.0 | NNE | 2.0 | NW | 2.6 | — | 0.0 | 1.3 | 1.8 |
| 26 | 29.2 | 14.4 | 21.8 | 14.8 | S | 0.4 | — | 0.2 | W | 0.7 | S | 3.8 | SSE | 4.4 | S | 1.5 | 1.8 | 2.2 |
| 27 | 29.8 | 14.4 | 22.1 | 15.4 | — | 0.0 | WNW | 1.1 | SE | 1.7 | E | 0.7 | NNW | 2.6 | N | 1.7 | 1.3 | 1.2 |
| 28 | 28.0 | 15.2 | 21.6 | 12.8 | WNW | 1.1 | SE | 0.4 | NE | 2.0 | NW | 4.6 | NW | 3.2 | — | 0.2 | 1.9 | 1.8 |
| 29 | 28.4 | 14.5 | 21.5 | 13.9 | NNE | 1.1 | WNW | 1.1 | WNW | 0.7 | SE | 2.4 | SSE | 4.0 | SSE | 3.4 | 2.1 | 2.3 |
| 30 | 32.4 | 16.7 | 24.6 | 15.7 | SSE | 0.4 | — | 0.2 | NNW | 3.0 | N | 3.2 | WNW | 4.6 | NW | 1.1 | 2.1 | 1.8 |
| 31 | 30.6 | 17.2 | 23.9 | 13.4 | NW | 0.7 | NNW | 1.3 | N | 2.8 | WSW | 4.6 | N | 3.2 | NNW | 4.0 | 2.8 | 2.0 |
| Mean | 26.9 | 17.7 | 22.3 | 9.2 | | 1.1 | | 1.1 | | 2.4 | | 3.5 | | 3.3 | | 2.1 | 2.3 | 2.2 |

# JULY, 1959.

| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 21.7 | 22.1 | 22.9 | 27.6 | 21.7 | 20.7 | 22.8 | 10 | 10 | 2 | 10 | 10 | 10 | 8.7 | — | — | sc | — | — | st | ci | — | cu | ci | — | sc,cu | — | as | cu | — | as | — |
| 2 | 21.0 | 21.4 | 22.3 | 21.7 | 21.4 | 21.6 | 21.6 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 3 | 21.0 | 20.2 | 22.2 | 21.1 | 20.2 | 19.0 | 20.6 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | st | — | — | ns | — | — | sc | — | — | ns | — | — | ns |
| 4 | 18.6 | 18.6 | 20.0 | 20.9 | 19.3 | 17.7 | 19.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | ns | — | ac | sc,st | — | — | sc,st | — | — | st | — | — | st |
| 5 | 17.5 | 17.7 | 18.5 | 20.0 | 19.5 | 19.4 | 18.8 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | ns | — | as | st | — | — | st | — | — | st | — | — | ns |
| 6 | 19.8 | 20.0 | 21.0 | 24.9 | 25.8 | 25.0 | 22.8 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 7 | 23.5 | 22.4 | 24.6 | 26.7 | 24.7 | 24.8 | 24.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns,sc | ci | — | sc | ci | ac | sc | — | — | st |
| 8 | 24.7 | 25.5 | 28.2 | 28.5 | 26.1 | 26.2 | 26.5 | 10 | 10 | 7 | 9 | 10 | 10 | 9.3 | — | — | ns | — | as | sc | cc | — | sc cu | cs | — | sc,cu | — | as | sc | — | — | st |
| 9 | 25.7 | 25.3 | 20.4 | 21.9 | 20.3 | 22.8 | 22.7 | 10 | 10 | 8 | 10 | 10 | 10 | 9.7 | — | — | ns | — | — | sc | — | — | sc | cs | — | cu | cs | ac | sc | — | — | sc |
| 10 | 21.1 | 20.9 | 22.7 | 23.6 | 25.5 | 25.8 | 23.3 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | sc | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 11 | 25.3 | 21.8 | 22.7 | 23.0 | 21.7 | 20.8 | 22.6 | 3 | 8 | 10 | 10 | 9 | 4 | 7.3 | — | — | sc | cc,ci | — | cu | cs | — | sc | cs | — | sc | — | ac | sc | — | — | sc |
| 12 | 18.6 | 18.7 | 21.2 | 21.2 | 23.9 | 22.7 | 21.1 | 2 | 1 | 0 | 4 | 7 | 3 | 2.8 | — | — | sc | — | — | st | — | — | cu | — | — | sc | cs | — | sc | — | — | sc |
| 13 | 20.9 | 21.2 | 23.1 | 23.9 | 25.2 | 24.1 | 23.1 | 3 | 10 | 10 | 10 | 10 | 10 | 8.8 | cs | — | — | — | — | ≡ | cc | — | st,sc | — | ac | sc,cb | — | — | ns,sc | — | — | ns |
| 14 | 23.0 | 22.8 | 24.0 | 23.1 | 21.6 | 20.2 | 22.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | as | st | — | — | ns | — | — | st | — | — | st | — | — | sc |
| 15 | 20.7 | 21.2 | 24.2 | 27.9 | 28.0 | 27.1 | 24.9 | 10 | 10 | 10 | 9 | 10 | 10 | 9.8 | — | — | st | — | — | st | — | — | sc | — | — | sc | — | — | sc | — | — | st |
| 16 | 26.2 | 22.8 | 22.8 | 22.2 | 21.9 | 19.4 | 22.6 | 10 | 10 | 10 | 2 | 7 | 0 | 6.5 | — | — | ns | — | — | sc | ci | cc | — sc | cc,ci | — | cu | ci | ac | sc | — | — | — |
| 17 | 17.6 | 18.6 | 20.5 | 24.1 | 22.6 | 20.1 | 20.6 | 0 | 0 | 2 | 8 | 3 | 10 | 3.8 | — | — | — | ci | — | — | cc | — | sc | cs | — | sc,cu | — | — | sc | — | as | sc |
| 18 | 18.4 | 19.6 | 22.0 | 22.0 | 22.3 | 20.9 | 20.9 | 2 | 9 | 10 | 10 | 10 | 10 | 8.5 | — | — | sc | cs | — | st | cs | ac | — | cs | — | cu | — | as | sc | cs | ac | — |
| 19 | 21.7 | 22.1 | 23.6 | 24.7 | 24.5 | 22.4 | 23.2 | 10 | 10 | 10 | 10 | 9 | 0 | 8.2 | — | as | — | — | — | ns | — | — | st | — | — | ns | ci | — | sc,st | — | — | — |
| 20 | 22.4 | 22.7 | 21.4 | 22.3 | 22.1 | 20.2 | 21.9 | 10 | 10 | 10 | 8 | 1 | 0 | 6.5 | — | — | st | — | — | sc,st | — | — | sc | — | — | sc,cu | — | — | sc,cu | — | — | — |
| 21 | 18.0 | 18.3 | 22.0 | 22.5 | 24.0 | 22.4 | 21.2 | 1 | 10 | 9 | 8 | 10 | 10 | 8.0 | ci | — | — | — | — | ≡ | cs | — | — | cs | — | — | cs | — | — | cs,cc | — | — |
| 22 | 20.2 | 21.4 | 21.9 | 28.0 | 26.9 | 26.2 | 24.1 | 0 | 10 | 10 | 7 | 10 | 10 | 7.8 | — | — | cu | — | — | sc | ci | — | st sc | ci | — | cu | ci | — | ns,sc | ci,cs | — | — |
| 23 | 25.1 | 25.6 | 27.9 | 30.1 | 27.8 | 27.2 | 27.3 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | ac | — | — | — | ≡ | — | as | sc st | — | as | sc | — | — | sc,st | — | — | st |
| 24 | 26.3 | 26.9 | 28.0 | 28.6 | 27.8 | 26.5 | 27.4 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | ns | — | — | sc | — | — | sc | — | — | sc |
| 25 | 26.8 | 26.1 | 25.5 | 27.6 | 19.8 | 18.2 | 24.0 | 10 | 10 | 7 | 3 | 0 | 0 | 5.0 | — | as | — | — | — | ≡ | — | — | cu | — | — | cu | — | — | cu | — | — | — |
| 26 | 16.3 | 17.0 | 22.9 | 21.1 | 22.3 | 19.2 | 19.8 | 0 | 10 | 0 | 0 | 0 | 0 | 1.7 | — | — | — | — | — | ≡ | — | — | cu | — | — | cu | — | — | — | — | — | — |
| 27 | 16.8 | 17.7 | 23.6 | 25.5 | 22.0 | 18.1 | 20.6 | 0 | 4 | 8 | 10 | 10 | 7 | 6.5 | cc | — | — | — | — | st | cs | — | — | cs | — | cu | cs | — | sc | cs | — | — |
| 28 | 17.7 | 17.2 | 19.4 | 20.3 | 17.2 | 18.7 | 18.4 | 6 | 9 | 10 | 10 | 10 | 0 | 7.5 | cs | — | cu | cs | — | sc | cs | ci | — | cu | ci,cs | — | cu | ci,cs | — | cu | — | — | — |
| 29 | 17.3 | 17.6 | 20.4 | 18.6 | 23.2 | 20.7 | 19.6 | 10 | 5 | 3 | 7 | 10 | 0 | 5.8 | ci | — | — | ci | — | — | cc | — | cu | ci | — | cu | cs | — | — | — | — | — |
| 30 | 19.3 | 19.5 | 18.9 | 20.2 | 20.2 | 21.3 | 19.9 | 2 | 10 | 4 | 2 | 4 | 0 | 3.7 | cc | — | — | — | — | st | ci | — | — | ci | — | — | ci | — | sc | — | — | — |
| 31 | 19.5 | 20.3 | 23.7 | 27.7 | 26.5 | 24.6 | 23.7 | 0 | 8 | 4 | 10 | 8 | 0 | 5.0 | — | — | — | cc | — | sc | ci | — | cu | — | — | sc,st | cs | ac | sc | cs | — | — |
| Mean | 21.1 | 21.1 | 22.7 | 23.9 | 23.1 | 22.1 | 22.3 | 6.7 | 8.8 | 7.9 | 8.3 | 8.3 | 6.6 | 7.8 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P. M. |
| 1 | 6.4 | 414 | (4.5) | (6.5) | 96 | 95 | 73 | 73 | 71 | 82 | 82 | — | — | — | — | — | — | — | ∞ | ∞ |
| 2 | — | 77 | (0.1) | (0.0) | 91 | 96 | 94 | 96 | 98 | 98 | 96 | — | 3.2 | 2.7 | 12.3 | 5.5 | 8.8 | 32.5 | ● | ● |
| 3 | — | 175 | (2.6) | (1.3) | 98 | 97 | 92 | 82 | 94 | 94 | 93 | 7.7 | 1.1 | 0.1 | 0.0 | 0.2 | 0.0 | 9.1 | ● | ● |
| 4 | 0.8 | 287 | (2.8) | (2.0) | 94 | 96 | 80 | 79 | 91 | 90 | 88 | 0.0 | 0.1 | 0.1 | — | — | — | 0.2 | ● | — |
| 5 | — | 154 | (0.0) | (0.0) | 93 | 94 | 85 | 85 | 91 | 97 | 91 | — | 0.0 | 0.1 | — | — | 10.5 | 10.6 | ☽,● | ● |
| 6 | 0.6 | 233 | (2.7) | (1.6) | 99 | 100 | 91 | 84 | 85 | 93 | 92 | 9.7 | 22.9 | 18.7 | — | — | — | 51.3 | ◊,● | ◊,● |
| 7 | 3.1 | 330 | (4.5) | (2.3) | 99 | 98 | 93 | 67 | 78 | 92 | 88 | 0.6 | 0.0 | 0.1 | 0.0 | — | — | 0.7 | ●,☽ | ◊ |
| 8 | 6.1 | 414 | (6.1) | (4.0) | 95 | 96 | 75 | 70 | 77 | 93 | 84 | 0.2 | 0.3 | 0.0 | — | 0.0 | 2.0 | 2.5 | ● | ●,⊤ |
| 9 | 5.2 | 444 | (4.0) | (2.2) | 98 | 94 | 59 | 62 | 68 | 93 | 79 | 1.4 | 0.8 | — | — | — | — | 2.2 | ●,◊ | ◊ |
| 10 | — | 60 | (0.0) | (0.0) | 93 | 93 | 98 | 97 | 98 | 97 | 96 | — | 0.1 | 4.7 | 12.7 | 8.9 | 4.3 | 30.7 | ● | ● |
| 11 | 2.8 | 374 | 4.0 | 2.2 | 97 | 83 | 77 | 78 | 78 | 91 | 84 | — | — | — | — | — | — | — | ◊ | ◊ |
| 12 | 7.8 | 415 | (3.4) | (2.0) | 95 | 92 | 66 | 58 | 86 | 95 | 82 | — | — | — | — | 2.8 | — | 2.8 | ⌓,◊ | ◊,⌓,● |
| 13 | 2.4 | 304 | (3.0) | (0.0) | 96 | 99 | 89 | 72 | 97 | 98 | 92 | — | — | — | — | 41.6 | — | 41.6 | ≡,⌓ | ⊤,● |
| 14 | — | 107 | (0.7) | (0.0) | 97 | 96 | 93 | 84 | 90 | 93 | 92 | 0.4 | — | 0.8 | 0.7 | 0.1 | — | 2.0 | ● | ● |
| 15 | 0.4 | 164 | (2.7) | (2.9) | 95 | 96 | 93 | 85 | 91 | 96 | 93 | — | 0.8 | — | — | 0.1 | 0.1 | 1.0 | ● | ●,∞ |
| 16 | 7.2 | 476 | 5.7 | 4.4 | 97 | 93 | 73 | 66 | 78 | 86 | 82 | 0.5 | 0.4 | — | — | — | — | 0.9 | ●,◊ | ◊,⌓ |
| 17 | 9.4 | 460 | 5.0 | 3.5 | 94 | 89 | 64 | 68 | 77 | 89 | 80 | — | — | — | — | — | — | — | ⌓,◊ | ◊ |
| 18 | 0.4 | 257 | (2.8) | (1.5) | 93 | 94 | 83 | 75 | 84 | 93 | 87 | — | — | — | — | — | — | — | ⌓,∞ | ∞,⌓ |
| 19 | 1.8 | 185 | (1.9) | (0.9) | 96 | 98 | 88 | 96 | 88 | 95 | 94 | — | 2.0 | 0.0 | 1.5 | 0.6 | — | 4.1 | ●,⌓ | ● |
| 20 | 4.5 | 370 | 4.7 | 2.8 | 98 | 97 | 74 | 71 | 74 | 87 | 84 | — | — | — | — | — | — | — | — | ∞,⌓ |
| 21 | 9.1 | 441 | (4.2) | (2.4) | 97 | 99 | 72 | 58 | 70 | 90 | 81 | — | — | — | — | — | — | — | ⌓,∞,≡,= | ∞ |
| 22 | 4.2 | 301 | (3.7) | (2.7) | 94 | 97 | 78 | 72 | 90 | 97 | 88 | — | — | 1.1 | — | 0.0 | 2.1 | 3.2 | ●,⌓ | ● |
| 23 | — | 214 | (0.0) | (0.0) | 97 | 100 | 85 | 82 | 97 | 97 | 93 | — | — | — | 0.2 | 32.5 | — | 32.7 | ≡,● | ● |
| 24 | 0.3 | 134 | (3.8) | (2.1) | 98 | 97 | 97 | 91 | 90 | 93 | 94 | — | — | 4.0 | 5.1 | — | — | 9.1 | ● | ● |
| 25 | 11.5 | 600 | 6.9 | 5.7 | 96 | 98 | 66 | 63 | 66 | 90 | 80 | — | — | — | — | — | — | — | ≡,◊ | ◊,⌓ |
| 26 | 11.3 | — | 6.5 | 3.9 | 92 | 96 | 75 | 54 | 73 | 89 | 80 | — | — | — | — | — | — | — | ≡,∞ | ∞,⌓ |
| 27 | 9.5 | — | 5.9 | 3.8 | 94 | 94 | 73 | 64 | 68 | 81 | 79 | — | — | — | — | — | — | — | ≡,⌓,∞ | ◊ |
| 28 | 10.8 | — | 6.3 | 4.3 | 94 | 86 | 57 | 57 | 59 | 89 | 74 | — | — | — | — | — | — | — | ⌓,∞,⌓ | ∞,⌓ |
| 29 | 10.8 | 503 | 6.6 | 3.9 | 96 | 93 | 66 | 49 | 78 | 92 | 79 | — | — | — | — | — | — | — | ⌓,⌓,∞ | — |
| 30 | 9.5 | 456 | 7.4 | 4.6 | 97 | 94 | 58 | 45 | 62 | 91 | 75 | — | — | — | — | — | — | — | ⌓,∞ | ◊ |
| 31 | 6.2 | — | 5.2 | 3.6 | 94 | 94 | 61 | 65 | 77 | 79 | 78 | — | — | — | — | — | — | — | ⌓,∞ | ∞ |
| | 142.1 | 8349 | 117.7 | 77.1 | 96 | 95 | 78 | 73 | 81 | 92 | 86 | 20.5 | 31.7 | 32.4 | 32.5 | 92.3 | 27.8 | 237.2 | | |

# AUGUST, 1959.



| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 0.1 | 0.5 | 0.2 | 0.3 | 0.4 | 1.4 | 0.5 | 7.5 | 7.8 | 7.4 | 7.5 | 7.7 | 8.7 | 7.8 | 22.1 | 22.8 | 28.4 | 24.8 | 24.2 | 23.5 | 24.3 |
| 2 | 1.2 | 2.1 | 3.0 | 2.1 | 2.4 | 3.8 | 2.4 | 8.5 | 9.5 | 10.4 | 9.3 | 9.6 | 11.1 | 9.7 | 21.7 | 21.5 | 25.1 | 28.3 | 27.1 | 22.6 | 24.4 |
| 3 | 4.3 | 5.6 | 5.9 | 5.9 | 7.1 | 8.8 | 6.3 | 11.8 | 12.9 | 13.2 | 13.1 | 14.5 | 16.3 | 13.6 | 21.4 | 21.6 | 25.1 | 23.7 | 19.9 | 18.9 | 21.8 |
| 4 | 7.9 | 8.0 | 7.1 | 3.9 | 3.8 | 5.3 | 6.0 | 15.4 | 15.5 | 14.5 | 11.2 | 11.1 | 12.7 | 13.4 | 18.6 | 18.9 | 21.6 | 26.4 | 22.8 | 19.3 | 21.3 |
| 5 | 4.0 | 3.9 | 2.6 | 0.0 | 0.1 | 0.8 | 1.9 | 11.5 | 11.3 | 9.9 | 7.3 | 7.4 | 8.2 | 9.3 | 19.1 | 19.6 | 24.6 | 28.4 | 23.5 | 20.1 | 22.6 |
| 6 | 999.2 | 999.4 | 998.6 | 996.4 | 996.0 | 997.3 | 997.8 | 6.6 | 6.9 | 5.9 | 3.6 | 3.4 | 4.6 | 5.2 | 19.2 | 18.0 | 25.4 | 27.4 | 22.4 | 19.5 | 22.0 |
| 7 | 995.8 | 996.2 | 995.0 | 992.5 | 992.4 | 993.6 | 994.3 | 3.1 | 3.6 | 2.2 | 999.6 | 999.7 | 0.8 | 1.5 | 19.4 | 19.7 | 25.7 | 28.0 | 23.7 | 22.2 | 23.1 |
| 8 | 992.8 | 992.9 | 993.0 | 992.5 | 993.0 | 993.2 | 992.9 | 0.2 | 0.3 | 0.2 | 999.8 | 0.3 | 0.5 | 0.2 | 19.6 | 20.8 | 24.1 | 23.1 | 21.8 | 21.0 | 21.7 |
| 9 | 991.8 | 991.3 | 991.1 | 988.7 | 988.9 | 987.8 | 989.9 | 999.1 | 998.6 | 998.5 | 996.0 | 996.3 | 995.3 | 997.3 | 20.4 | 20.4 | 20.2 | 20.4 | 18.1 | 16.9 | 19.4 |
| 10 | 986.5 | 988.7 | 990.3 | 991.8 | 994.2 | 998.0 | 991.6 | 993.8 | 996.2 | 997.7 | 999.3 | 1.7 | 5.4 | 999.0 | 17.3 | 16.5 | 17.5 | 17.9 | 16.4 | 15.8 | 16.9 |
| 11 | 998.9 | 1.6 | 2.9 | 2.8 | 4.6 | 7.2 | 3.0 | 6.4 | 9.1 | 10.2 | 10.1 | 12.0 | 14.7 | 10.4 | 15.8 | 16.0 | 22.2 | 23.1 | 19.8 | 18.6 | 19.3 |
| 12 | 7.8 | 8.9 | 9.6 | 9.7 | 10.1 | 9.9 | 9.3 | 15.3 | 16.4 | 16.9 | 17.1 | 17.5 | 17.3 | 16.8 | 17.3 | 17.9 | 21.6 | 21.2 | 20.0 | 19.0 | 19.5 |
| 13 | 8.7 | 8.0 | 6.9 | 5.7 | 5.8 | 5.8 | 6.8 | 16.2 | 15.6 | 14.2 | 12.9 | 13.0 | 13.1 | 14.2 | 18.0 | 18.3 | 25.2 | 26.9 | 24.7 | 23.5 | 22.8 |
| 14 | 3.8 | 2.3 | 999.2 | 994.9 | 995.8 | 998.5 | 999.1 | 11.1 | 9.6 | 6.5 | 2.2 | 3.0 | 5.8 | 6.4 | 23.9 | 23.3 | 25.3 | 24.7 | 24.3 | 22.7 | 24.0 |
| 15 | 998.6 | 0.4 | 2.1 | 0.8 | 0.7 | 1.7 | 0.7 | 5.9 | 7.8 | 9.3 | 8.0 | 7.9 | 9.0 | 8.0 | 22.1 | 22.2 | 26.3 | 27.7 | 26.0 | 22.9 | 24.5 |
| 16 | 0.9 | 2.1 | 1.7 | 0.1 | 0.7 | 2.1 | 1.3 | 8.3 | 9.4 | 8.8 | 7.3 | 7.9 | 9.4 | 8.5 | 22.0 | 22.2 | 27.0 | 30.9 | 27.7 | 24.5 | 25.7 |
| 17 | 2.3 | 3.1 | 3.0 | 1.5 | 1.7 | 3.5 | 2.5 | 9.6 | 10.5 | 10.3 | 8.6 | 8.8 | 10.8 | 9.8 | 23.1 | 22.9 | 28.4 | 30.4 | 27.5 | 24.1 | 26.1 |
| 18 | 2.9 | 3.1 | 2.9 | 1.3 | 2.1 | 2.0 | 2.4 | 10.2 | 10.5 | 10.1 | 8.6 | 9.4 | 9.4 | 9.7 | 22.2 | 21.7 | 26.6 | 25.2 | 23.5 | 21.2 | 23.4 |
| 19 | 1.7 | 2.8 | 1.4 | 0.0 | 999.8 | 0.7 | 1.1 | 9.1 | 10.2 | 8.6 | 7.1 | 7.0 | 8.0 | 8.3 | 21.2 | 21.0 | 26.9 | 30.7 | 25.7 | 23.0 | 24.8 |
| 20 | 999.8 | 1.3 | 0.8 | 999.1 | 999.0 | 0.5 | 0.1 | 7.1 | 8.6 | 8.0 | 6.2 | 6.1 | 7.8 | 7.3 | 21.8 | 21.4 | 26.7 | 30.4 | 27.1 | 22.7 | 25.0 |
| 21 | 0.0 | 0.3 | 999.8 | 998.5 | 998.0 | 998.1 | 999.1 | 7.4 | 7.7 | 7.0 | 5.6 | 5.1 | 5.3 | 6.4 | 20.8 | 20.9 | 27.6 | 28.7 | 25.9 | 23.3 | 24.5 |
| 22 | 997.1 | 997.0 | 995.5 | 995.3 | 995.8 | 997.7 | 996.4 | 4.4 | 4.4 | 3.4 | 2.6 | 3.1 | 5.1 | 3.8 | 21.8 | 20.2 | 19.4 | 20.2 | 19.6 | 18.6 | 20.0 |
| 23 | 998.9 | 0.6 | 1.8 | 3.8 | 3.2 | 4.8 | 2.2 | 6.4 | 8.0 | 9.1 | 11.0 | 10.6 | 12.2 | 9.6 | 17.7 | 16.9 | 22.7 | 25.9 | 21.2 | 18.8 | 20.5 |
| 24 | 4.8 | 5.7 | 5.4 | 4.5 | 5.2 | 6.0 | 5.3 | 12.3 | 13.0 | 12.7 | 11.9 | 12.6 | 13.4 | 12.7 | 18.8 | 18.8 | 22.0 | 20.6 | 19.5 | 18.7 | 19.7 |
| 25 | 4.9 | 5.7 | 4.8 | 3.9 | 5.1 | 5.7 | 5.0 | 12.3 | 13.1 | 12.1 | 11.1 | 12.4 | 13.1 | 12.4 | 18.6 | 18.8 | 23.6 | 25.6 | 20.7 | 20.1 | 21.2 |
| 26 | 4.6 | 4.0 | 3.9 | 2.5 | 2.0 | 2.1 | 3.2 | 12.0 | 11.5 | 11.4 | 9.8 | 9.3 | 9.5 | 10.6 | 19.7 | 19.7 | 20.2 | 22.0 | 22.0 | 21.4 | 20.8 |
| 27 | 0.3 | 999.9 | 999.4 | 997.0 | 998.6 | 998.6 | 999.0 | 7.7 | 7.2 | 6.7 | 4.3 | 5.8 | 5.8 | 6.3 | 22.1 | 22.6 | 22.8 | 24.1 | 24.4 | 23.9 | 23.3 |
| 28 | 0.1 | 1.6 | 1.0 | 1.5 | 2.7 | 4.3 | 1.9 | 7.4 | 8.8 | 8.2 | 8.6 | 10.0 | 11.6 | 9.1 | 23.0 | 23.3 | 27.5 | 28.4 | 26.2 | 23.7 | 25.4 |
| 29 | 4.2 | 5.4 | 5.2 | 4.9 | 6.3 | 7.3 | 5.6 | 11.6 | 12.8 | 12.3 | 12.1 | 13.7 | 14.7 | 12.9 | 21.4 | 20.8 | 28.8 | 28.5 | 23.2 | 20.2 | 23.8 |
| 30 | 7.4 | 8.2 | 8.8 | 7.8 | 7.7 | 9.4 | 8.2 | 14.9 | 15.8 | 16.0 | 15.0 | 15.0 | 16.8 | 15.6 | 17.8 | 18.5 | 26.7 | 28.0 | 23.1 | 19.3 | 22.2 |
| 31 | 8.5 | 8.9 | 7.4 | 4.6 | 3.5 | 3.5 | 6.1 | 16.0 | 16.4 | 14.8 | 11.8 | 10.8 | 10.9 | 13.5 | 19.0 | 18.3 | 24.1 | 27.4 | 23.5 | 21.8 | 22.4 |
| Mean | 1.3 | 1.9 | 1.6 | 0.5 | 0.9 | 1.9 | 1.3 | 8.7 | 9.3 | 8.9 | 7.7 | 8.2 | 9.3 | 8.7 | 20.2 | 20.2 | 24.5 | 25.8 | 23.1 | 21.0 | 22.5 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | Mean | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | 6 obs. | 24 h. |
| 1 | 28.8 | 21.3 | 25.1 | 7.5 | N | 0.7 | — | 0.0 | NNW | 1.5 | NE | 4.2 | NNW | 0.7 | SE | 1.3 | 1.4 | 1.4 |
| 2 | 29.0 | 21.2 | 25.1 | 7.8 | S | 3.8 | S | 2.0 | SSE | 2.6 | SSE | 0.9 | S | 2.2 | SSE | 4.8 | 2.7 | 2.6 |
| 3 | 25.2 | 18.8 | 22.0 | 6.4 | S | 2.8 | S | 2.0 | SSE | 2.6 | SE | 4.4 | SSE | 4.8 | S | 2.8 | 3.2 | 3.1 |
| 4 | 28.0 | 18.4 | 23.2 | 9.6 | SSW | 2.6 | S | 1.3 | — | 0.2 | SSE | 2.0 | SE | 7.1 | S | 2.8 | 2.7 | 2.3 |
| 5 | 28.8 | 18.6 | 23.7 | 10.2 | SW | 0.9 | — | 0.0 | NNW | 2.4 | NNW | 3.6 | SSE | 6.3 | SSE | 4.6 | 3.0 | 2.7 |
| 6 | 28.6 | 17.3 | 23.0 | 11.3 | SW | 1.1 | WNW | 1.5 | SE | 1.3 | NE | 1.1 | SSE | 5.9 | SSE | 3.0 | 2.3 | 2.1 |
| 7 | 29.0 | 18.9 | 24.0 | 10.1 | — | 0.0 | — | 0.0 | SE | 2.6 | SE | 3.8 | SSE | 4.4 | S | 1.5 | 2.1 | 2.5 |
| 8 | 24.4 | 19.6 | 22.0 | 4.8 | E | 1.7 | SW | 0.4 | SSW | 3.6 | SSE | 5.0 | SSE | 2.0 | SW | 0.4 | 2.2 | 2.1 |
| 9 | 20.9 | 16.8 | 18.9 | 4.1 | — | 0.2 | W | 0.4 | NNW | 2.0 | N | 3.2 | N | 4.2 | NNW | 7.3 | 2.9 | 3.2 |
| 10 | 18.4 | 15.6 | 17.0 | 2.8 | NNW | 8.5 | NNW | 7.1 | NW | 4.6 | NNW | 8.2 | NNW | 6.3 | NNW | 1.1 | 6.0 | 6.3 |
| 11 | 25.0 | 15.3 | 20.2 | 9.7 | — | 0.0 | — | 0.0 | W | 1.1 | SSE | 4.4 | SE | 3.4 | SSE | 3.0 | 2.0 | 2.1 |
| 12 | 22.4 | 16.5 | 19.5 | 5.9 | SSE | 6.7 | SSE | 2.2 | SE | 4.8 | SE | 4.4 | SSE | 4.0 | — | 0.0 | 3.7 | 2.9 |
| 13 | 27.8 | 17.9 | 22.9 | 9.9 | E | 0.7 | NNW | 1.3 | SSE | 5.5 | SE | 6.1 | SE | 4.4 | SE | 4.6 | 3.8 | 4.0 |
| 14 | 26.2 | 22.3 | 24.3 | 3.9 | SE | 7.4 | SE | 4.8 | SE | 10.8 | SE | 10.8 | SSE | 6.9 | S | 6.1 | 7.8 | 7.7 |
| 15 | 29.3 | 21.9 | 25.6 | 7.4 | — | 0.0 | — | 0.2 | — | 0.2 | SSW | 3.4 | S | 2.8 | S | 1.3 | 1.3 | 1.7 |
| 16 | 31.8 | 21.8 | 26.8 | 10.0 | — | 0.0 | W | 1.5 | NW | 0.7 | WNW | 0.7 | SE | 1.3 | SSE | 2.8 | 1.2 | 1.2 |
| 17 | 31.0 | 22.7 | 26.9 | 8.3 | SSW | 0.7 | W | 2.6 | N | 1.1 | NNW | 2.8 | N | 0.7 | S | 3.0 | 1.8 | 1.8 |
| 18 | 28.6 | 20.9 | 24.8 | 7.7 | — | 0.2 | NNW | 1.3 | N | 2.2 | SSE | 3.0 | SSE | 1.5 | NW | 1.3 | 1.6 | 1.2 |
| 19 | 31.4 | 21.0 | 26.2 | 10.4 | — | 0.2 | E | 1.1 | SE | 0.4 | W | 1.3 | ESE | 2.2 | — | 0.2 | 0.9 | 1.0 |
| 20 | 32.2 | 21.1 | 26.7 | 11.1 | — | 0.0 | NNW | 0.7 | NW | 1.1 | N | 1.3 | NNW | 2.4 | ENE | 0.7 | 1.0 | 0.8 |
| 21 | 30.3 | 20.1 | 25.2 | 10.2 | NNW | 0.4 | SE | 1.1 | ESE | 2.2 | — | 0.2 | — | 0.2 | — | 0.0 | 0.7 | 1.1 |
| 22 | 23.4 | 18.0 | 20.7 | 5.4 | SSE | 1.3 | W | 1.3 | WSW | 0.4 | N | 0.4 | NW | 3.0 | WNW | 0.9 | 1.2 | 1.4 |
| 23 | 26.6 | 16.4 | 21.5 | 10.2 | NW | 0.9 | NW | 0.9 | E | 1.5 | S | 7.1 | SSE | 6.5 | S | 3.6 | 3.4 | 3.0 |
| 24 | 22.2 | 18.7 | 20.5 | 3.5 | S | 2.0 | S | 0.7 | S | 3.4 | S | 4.2 | S | 3.4 | SW | 1.5 | 2.5 | 2.6 |
| 25 | 25.7 | 18.6 | 22.2 | 7.1 | — | 0.0 | E | 0.7 | SE | 1.7 | SE | 5.2 | SSE | 3.2 | S | 3.6 | 2.4 | 2.6 |
| 26 | 23.1 | 19.6 | 21.4 | 3.5 | SSE | 3.6 | — | 0.2 | NW | 1.7 | NNW | 1.3 | — | 0.0 | SE | 2.8 | 1.6 | 1.9 |
| 27 | 24.9 | 20.2 | 22.6 | 4.7 | S | 5.4 | S | 5.0 | S | 5.7 | SSE | 8.5 | SSE | 3.6 | SSE | 4.0 | 5.4 | 5.3 |
| 28 | 31.4 | 22.2 | 26.8 | 9.2 | NNE | 0.4 | NW | 0.7 | S | 4.6 | W | 6.3 | — | 0.0 | SSW | 1.3 | 2.2 | 2.3 |
| 29 | 30.8 | 18.5 | 24.7 | 12.3 | WSW | 0.7 | — | 0.0 | NW | 1.3 | NW | 5.2 | WNW | 4.8 | — | 0.0 | 2.0 | 1.7 |
| 30 | 29.7 | 17.7 | 23.7 | 12.0 | SSE | 1.3 | SE | 2.6 | SSE | 0.9 | WNW | 2.8 | SSE | 3.4 | SSE | 3.2 | 2.4 | 2.0 |
| 31 | 28.0 | 18.0 | 23.0 | 10.0 | S | 2.2 | S | 1.7 | SSE | 3.0 | S | 3.6 | SSE | 4.6 | SSE | 1.3 | 2.7 | 2.5 |
| Mean | 27.2 | 19.2 | 23.2 | 8.0 | | 1.8 | | 1.5 | | 2.5 | | 3.9 | | 3.4 | | 2.4 | 2.6 | 2.6 |

# AUGUST, 1959.



| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 24.6 | 25.2 | 24.8 | 25.5 | 24.5 | 25.9 | 25.1 | 9 | 9 | 10 | 10 | 10 | 10 | 9.7 | — | — | st | — | ac | — | — | — | sc | — | ac | sc | st | —as | ac | sc | — | — | st |
| 2 | 22.9 | 22.6 | 24.8 | 28.0 | 28.8 | 24.7 | 25.3 | 10 | 10 | 10 | 9 | 4 | 10 | 8.8 | — | — | st | — | — | st | — | — | sc | — | — | sc | cc | — | sc | — | — | sc |
| 3 | 23.7 | 23.6 | 25.5 | 24.4 | 21.6 | 21.2 | 23.3 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | sc | — | — | st | — | — | st sc | — | — | st | — | — | st |
| 4 | 20.6 | 20.6 | 21.7 | 22.6 | 22.4 | 19.0 | 21.2 | 10 | 10 | 10 | 8 | 10 | 10 | 9.7 | — | — | st | — | — | st | — | — | sc | — | ac | sc | cs | — | sc | — | — | st |
| 5 | 20.3 | 21.2 | 21.9 | 20.8 | 21.9 | 20.8 | 21.2 | 10 | 10 | 9 | 6 | 8 | 10 | 8.8 | — | — | st | — | — | st | ci | — | sc | ci | — | cu | — | — | sc | — | — | sc |
| 6 | 20.6 | 19.5 | 21.5 | 21.1 | 21.8 | 20.8 | 20.9 | 10 | 8 | 8 | 9 | 10 | 0 | 7.5 | — | — | sc | — | — | sc | ci | — | cu | ci,cc | — | sc | cc,ci | — | cu | — | — | — |
| 7 | 22.1 | 21.3 | 24.2 | 25.3 | 23.7 | 23.0 | 23.3 | 10 | 10 | 9 | 10 | 9 | 10 | 9.7 | — | — | st | — | — | st | ci | — | sc | ci | — | sc | ci | — | sc | — | — | sc |
| 8 | 22.0 | 23.3 | 23.7 | 22.6 | 22.2 | 22.3 | 22.7 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | sc | — | — | sc | — | as | sc | — | — | sc |
| 9 | 22.9 | 23.1 | 23.0 | 20.9 | 19.6 | 18.3 | 21.3 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | ns | — | — | ns | — | — | sc | — | — | ns | — | — | ns |
| 10 | 17.2 | 16.9 | 18.1 | 17.3 | 16.5 | 16.5 | 17.1 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | as | sc | — | as | st | — | — | st |
| 11 | 17.2 | 17.4 | 18.2 | 18.8 | 20.4 | 19.1 | 18.5 | 10 | 10 | 4 | 10 | 10 | 10 | 9.0 | — | — | st | — | ac | sc | — | — | cu | — | — | sc | — | — | st | — | — | sc |
| 12 | 18.6 | 18.8 | 20.6 | 19.9 | 18.5 | 20.0 | 19.4 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | sc | — | — | sc | — | — | sc st | — | as | sc | — | — | ns |
| 13 | 20.2 | 20.6 | 26.9 | 27.7 | 27.4 | 26.1 | 24.8 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | st | cs | — | sc | ci | — | sc | — | — | sc st | — | — | st |
| 14 | 26.1 | 26.0 | 27.5 | 28.9 | 25.8 | 25.5 | 26.6 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | sc | — | — | ns | — | — | sc | — | — | sc |
| 15 | 25.9 | 26.3 | 27.1 | 28.4 | 27.8 | 26.5 | 27.0 | 10 | 10 | 10 | 10 | 8 | 10 | 9.7 | — | — | st | — | — | st | — | — | st sc | — | — | sc | ci,cc | — | — | ci,cc | — | — |
| 16 | 26.0 | 26.3 | 29.8 | 29.8 | 32.5 | 28.5 | 28.8 | 10 | 10 | 10 | 10 | 10 | 9 | 9.8 | — | — | ≡ | — | — | ≡ | cc | — | st cu | cc | — | cu | — | ac | st | cc | — | — |
| 17 | 26.6 | 27.2 | 28.9 | 28.1 | 30.0 | 27.4 | 28.0 | 10 | 10 | 5 | 4 | 9 | 8 | 7.7 | — | — | st | — | — | st | cc | — | — | cc | — | sc,cu | cc | — | sc | cs | — | — |
| 18 | 26.5 | 25.5 | 26.9 | 28.6 | 26.8 | 25.2 | 26.6 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ≡ | — | — | ≡ | — | — | sc | — | — | ns,cb | ci | — | cu | — | — | ≡ |
| 19 | 24.9 | 24.9 | 26.5 | 24.4 | 25.4 | 26.2 | 25.4 | 10 | 10 | 1 | 6 | 9 | 10 | 7·7 | — | — | ≡ | — | — | ≡ | — | — | sc | cc | — | cu | cc | — | sc | cs | — | — |
| 20 | 24.8 | 24.8 | 26.1 | 27.3 | 28.8 | 25.3 | 26.2 | 10 | 10 | 8 | 7 | 10 | 2 | 7.8 | — | — | st | — | as | st | cc | — | cu | cc | — | cu | cs | — | sc | — | — | cu |
| 21 | 23.9 | 24.5 | 27.9 | 30.5 | 27.6 | 26.0 | 26.7 | 4 | 10 | 10 | 10 | 10 | 10 | 9.0 | cc | — | — | — | — | ≡ | cc ci | — | cu | ci | ac | cu | cc,ci | — | cu | — | — | sc |
| 22 | 25.0 | 22.0 | 21.5 | 23.0 | 22.4 | 21.0 | 22.5 | 10 | 10 | 10 | 10 | 10 | 1 | 8.5 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | sc st | — | — | sc |
| 23 | 20.2 | 19.1 | 22.4 | 23.4 | 20.9 | 20.1 | 21.0 | 10 | 10 | 2 | 3 | 6 | 10 | 6.8 | — | — | ≡ | — | — | ≡ | — | — | sc | — | — | sc,cu | — | ac | sc | cs | — | sc |
| 24 | 20.5 | 20.3 | 20.4 | 20.3 | 20.0 | 20.6 | 20.4 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | cs | — | — | — | — | sc | — | — | sc st | — | — | ns | — | — | ns,sc | — | — | st |
| 25 | 21.0 | 21.1 | 22.3 | 24.0 | 21.5 | 21.4 | 21.9 | 10 | 10 | 10 | 9 | 10 | 10 | 9.8 | — | — | st | ci | ac | st | — | — | sc | ci | — | sc | — | as | sc | — | — | st |
| 26 | 21.1 | 21.5 | 23.0 | 24.9 | 25.5 | 25.0 | 23.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 27 | 25.9 | 26.7 | 27.1 | 27.6 | 27.4 | 26.1 | 26.8 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | ns | — | — | ns | — | — | sc,ns | ci | — | sc | — | — | st |
| 28 | 26.5 | 27.2 | 30.5 | 29.4 | 30.1 | 26.7 | 28.4 | 10 | 9 | 10 | 10 | 10 | 9 | 9.7 | — | — | sc | ci | ac | st | ci | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 29 | 25.0 | 24.6 | 26.2 | 22.6 | 23.4 | 21.2 | 23.8 | 3 | 10 | 4 | 2 | 2 | 0 | 3.5 | — | — | sc | — | — | ≡ | — | — | cu | cs | — | cu | cs | — | sc | — | — | — |
| 30 | 19.8 | 20.7 | 24.7 | 21.1 | 24.4 | 21.4 | 22.0 | 4 | 8 | 9 | 10 | 3 | 3 | 6.2 | cs | — | — | — | — | sc | ci | — | cu,sc | ci,cs | — | cu | ci | — | cu | ci | — | — |
| 31 | 20.4 | 19.5 | 23.7 | 24.2 | 25.9 | 25.2 | 23.2 | 10 | 10 | 10 | 9 | 10 | 10 | 9.8 | — | — | st | — | — | st | — | — | sc,st | cc | — | sc | cs,cc | — | st | — | — | sc |
| Mean | 22.7 | 22.7 | 24.4 | 24.6 | 24.4 | 23.1 | 23.6 | 9.4 | 9.8 | 8.7 | 8.8 | 9.0 | 8.5 | 9.0 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P. M. |
| 1 | 3.2 | — | (3.1) | (2.0) | 92 | 91 | 64 | 81 | 81 | 89 | 83 | — | — | — | 1.0 | — | — | 1.0 | ● | ● |
| 2 | 2.6 | — | 4.8 | 2.9 | 88 | 88 | 78 | 73 | 80 | 90 | 83 | — | — | — | — | — | — | — | ∽ | ∽ |
| 3 | 0.1 | 191 | (4.0) | (1.9) | 93 | 91 | 80 | 83 | 93 | 97 | 90 | — | — | — | — | 0.0 | 0.1 | 0.1 | — | ● |
| 4 | 5.6 | 394 | 5.7 | 3.1 | 96 | 95 | 84 | 66 | 81 | 85 | 85 | — | — | 0.0 | — | — | — | 0.0 | 9,∽ | ∽ |
| 5 | 5.2 | 512 | 6.7 | 4.9 | 92 | 93 | 71 | 54 | 76 | 89 | 79 | — | — | — | — | — | — | — | ∽ | ◊ |
| 6 | 6.6 | 475 | 5.5 | 3.1 | 93 | 94 | 66 | 58 | 80 | 92 | 81 | — | — | — | — | — | — | — | ∽ | ∽,⌓ |
| 7 | 7.3 | — | 6.8 | 3.5 | 98 | 93 | 73 | 67 | 81 | 86 | 83 | — | — | — | — | — | — | — | ⌓,∽ | ∽ |
| 8 | — | 153 | (1.0) | (0.5) | 96 | 95 | 79 | 80 | 85 | 89 | 87 | — | — | — | — | — | — | — | — | — |
| 9 | — | 76 | (0.3) | (0.2) | 96 | 96 | 97 | 87 | 94 | 95 | 94 | — | 0.5 | 3.5 | 3.5 | 14.0 | 7.2 | 28.7 | ● | ● |
| 10 | — | 140 | (1.3) | (0.8) | 87 | 90 | 91 | 84 | 88 | 92 | 89 | 1.5 | 1.0 | 1.2 | 4.1 | 0.1 | — | 7.9 | ● | ●,9 |
| 11 | 3.7 | 406 | 4.2 | 2.8 | 96 | 96 | 68 | 67 | 88 | 89 | 84 | — | — | — | — | — | — | — | ◊ | ◊ |
| 12 | — | 168 | (2.0) | (1.4) | 94 | 91 | 80 | 79 | 79 | 91 | 86 | — | — | — | — | — | 0.0 | 0.0 | ◊ | ● |
| 13 | 1.6 | 258 | (4.5) | (2.0) | 98 | 98 | 84 | 78 | 88 | 90 | 89 | 5.9 | 0.2 | — | — | — | 0.2 | 6.3 | ● | ● |
| 14 | — | 191 | (1.6) | (0.8) | 88 | 91 | 85 | 93 | 85 | 92 | 89 | — | — | — | 2.6 | 6.0 | — | 8.6 | ●,↙ | ●,↙ |
| 15 | 2.4 | 332 | 3.8 | 1.9 | 97 | 98 | 79 | 76 | 83 | 95 | 88 | 0.1 | — | — | — | — | — | 0.1 | — | ∽ |
| 16 | 2.3 | 362 | 4.3 | 3.0 | 98 | 98 | 84 | 67 | 87 | 93 | 88 | — | — | — | — | — | — | — | ∽,≡ | ∽ |
| 17 | 4.9 | 373 | 4.3 | 3.6 | 94 | 97 | 75 | 65 | 82 | 91 | 84 | — | — | — | — | — | — | — | = | — |
| 18 | 2.8 | 248 | (2.0) | (1.3) | 99 | 98 | 77 | 89 | 93 | 100 | 93 | — | — | 0.0 | 0.2 | 3.8 | — | 4.0 | ≡,9,∽ | ⊤,●,⌋⌊,≡ |
| 19 | 7.9 | 413 | (5.0) | (3.2) | 99 | 100 | 75 | 55 | 77 | 93 | 83 | — | — | — | — | — | — | — | ≡,= | ⌒,⌓ |
| 20 | 6.4 | 403 | 5.1 | 3.4 | 95 | 97 | 75 | 63 | 80 | 92 | 84 | — | 0.1 | — | — | — | — | 0.1 | ●,∽ | ⌓,◊ |
| 21 | 3.7 | 337 | (3.1) | (2.1) | 97 | 99 | 76 | 77 | 83 | 91 | 87 | — | — | 0.0 | — | — | — | 0.0 | ≡,●,⌓ | — |
| 22 | — | 78 | (1.1) | (0.6) | 96 | 93 | 95 | 97 | 98 | 98 | 96 | 0.5 | 0.5 | 11.4 | 15.1 | 2.3 | — | 29.8 | ● | ●,≡ |
| 23 | 7.8 | 435 | 5.3 | 4.0 | 100 | 99 | 81 | 70 | 83 | 93 | 88 | — | — | — | — | — | — | — | ≡,∽ | ∽ |
| 24 | — | 156 | 1.8 | 1.2 | 94 | 94 | 77 | 84 | 88 | 95 | 89 | — | — | — | 0.0 | 0.0 | — | 0.0 | ∽ | 9 |
| 25 | 2.1 | 300 | (3.6) | (1.8) | 98 | 97 | 76 | 73 | 88 | 91 | 87 | — | — | — | — | — | — | — | — | — |
| 26 | — | 66 | (0.9) | — | 92 | 94 | 97 | 94 | 97 | 98 | 95 | — | 0.0 | 7.3 | 10.5 | 1.5 | 27.6 | 46.9 | ● | ● |
| 27 | 0.1 | 77 | (1.3) | (0.8) | 97 | 97 | 98 | 92 | 90 | 88 | 94 | 1.0 | 0.5 | 14.5 | 5.0 | — | — | 21.0 | ● | ● |
| 28 | 4.1 | 297 | (4.2) | (2.6) | 94 | 95 | 83 | 76 | 89 | 91 | 88 | — | — | 2.4 | — | 0.2 | — | 2.6 | ● | ● |
| 29 | 9.3 | 434 | 5.3 | 4.2 | 98 | 100 | 66 | 58 | 82 | 89 | 82 | 0.1 | — | — | — | — | — | 0.1 | ≡,◊ | ⌓,◊ |
| 30 | 8.5 | 415 | 4.7 | 3.6 | 97 | 97 | 70 | 56 | 86 | 95 | 84 | — | — | — | — | — | — | — | ⌓,◊ | ◊,⌓ |
| 31 | 4.9 | 371 | (4.2) | (2.3) | 93 | 92 | 79 | 66 | 89 | 97 | 86 | — | — | — | — | — | — | — | ⌓ | — |
| | 103.1 | 8061 | 111.5 | 69.5 | 95 | 95 | 80 | 75 | 86 | 92 | 87 | 9.1 | 2.8 | 40.3 | 42.0 | 27.9 | 35.1 | 157.2 | | |

# SEPTEMBER, 1959.

| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 1.6 | 999.9 | 998.6 | 995.9 | 994.9 | 994.5 | 997.6 | 8.9 | 7.2 | 5.9 | 3.1 | 2.1 | 1.7 | 4.8 | 22.3 | 22.6 | 25.4 | 26.5 | 25.3 | 23.5 | 24.3 |
| 2 | 994.3 | 995.4 | 995.8 | 995.0 | 996.3 | 998.7 | 995.9 | 1.6 | 2.7 | 3.1 | 2.3 | 3.7 | 6.2 | 3.3 | 21.9 | 20.3 | 22.1 | 22.9 | 20.4 | 17.2 | 20.8 |
| 3 | 999.3 | 1.4 | 2.6 | 1.8 | 3.4 | 6.2 | 2.5 | 6.7 | 8.8 | 9.9 | 9.0 | 10.7 | 13.7 | 9.8 | 15.5 | 17.8 | 23.4 | 25.7 | 21.8 | 18.4 | 20.4 |
| 4 | 6.6 | 7.4 | 8.3 | 6.8 | 6.5 | 8.4 | 7.3 | 14.1 | 14.9 | 15.8 | 14.2 | 14.1 | 15.9 | 14.8 | 17.0 | 17.0 | 20.3 | 22.2 | 17.9 | 17.4 | 18.6 |
| 5 | 7.8 | 8.6 | 8.9 | 7.4 | 8.7 | 9.8 | 8.5 | 15.4 | 16.1 | 16.3 | 14.7 | 16.1 | 17.2 | 16.0 | 16.9 | 17.1 | 22.6 | 24.9 | 20.0 | 18.4 | 20.0 |
| 6 | 9.3 | 9.7 | 9.5 | 8.4 | 8.8 | 9.3 | 9.2 | 16.8 | 17.1 | 16.8 | 15.8 | 16.2 | 16.7 | 16.6 | 18.4 | 18.7 | 21.8 | 22.4 | 20.4 | 18.0 | 20.0 |
| 7 | 8.0 | 8.3 | 7.5 | 5.4 | 6.1 | 6.2 | 6.9 | 15.5 | 15.8 | 14.8 | 12.6 | 13.4 | 13.7 | 14.3 | 17.2 | 17.6 | 24.9 | 26.6 | 20.5 | 19.1 | 21.0 |
| 8 | 4.9 | 4.7 | 5.0 | 2.9 | 3.8 | 4.2 | 4.3 | 12.3 | 12.1 | 12.3 | 10.3 | 11.2 | 11.7 | 11.7 | 19.1 | 18.8 | 20.4 | 21.9 | 18.5 | 18.2 | 19.5 |
| 9 | 3.7 | 3.7 | 4.8 | 4.3 | 5.3 | 7.4 | 4.9 | 11.1 | 11.1 | 12.2 | 11.8 | 12.7 | 15.0 | 12.3 | 18.1 | 17.8 | 18.8 | 20.0 | 18.4 | 17.6 | 18.5 |
| 10 | 6.5 | 6.9 | 7.4 | 6.7 | 6.6 | 6.9 | 6.8 | 14.1 | 14.4 | 14.9 | 14.2 | 14.1 | 14.4 | 14.4 | 17.8 | 17.8 | 20.7 | 20.6 | 18.4 | 18.3 | 18.9 |
| 11 | 5.6 | 5.9 | 6.5 | 4.8 | 5.3 | 5.3 | 5.6 | 13.0 | 13.3 | 13.9 | 12.0 | 12.6 | 12.7 | 12.9 | 18.4 | 18.7 | 22.3 | 25.7 | 22.9 | 20.6 | 21.4 |
| 12 | 4.7 | 4.2 | 2.9 | 1.4 | 1.8 | 2.6 | 2.9 | 12.2 | 11.6 | 10.2 | 8.6 | 9.0 | 10.1 | 10.3 | 20.2 | 19.9 | 20.9 | 23.3 | 21.1 | 18.9 | 20.7 |
| 13 | 2.1 | 2.1 | 2.9 | 1.1 | 2.1 | 3.1 | 2.2 | 9.6 | 9.6 | 10.2 | 8.3 | 9.6 | 10.6 | 9.7 | 17.6 | 17.3 | 22.0 | 26.5 | 20.4 | 17.3 | 20.2 |
| 14 | 3.0 | 3.4 | 3.4 | 2.9 | 3.1 | 5.3 | 3.5 | 10.5 | 10.7 | 10.7 | 10.2 | 10.5 | 12.7 | 10.9 | 15.7 | 14.1 | 22.2 | 22.9 | 20.0 | 18.2 | 18.9 |
| 15 | 7.0 | 8.4 | 9.8 | 7.9 | 9.6 | 12.2 | 9.2 | 14.6 | 16.0 | 17.1 | 15.2 | 17.0 | 19.7 | 16.6 | 17.2 | 17.5 | 22.1 | 26.3 | 19.5 | 18.3 | 20.2 |
| 16 | 12.1 | 12.4 | 12.1 | 10.4 | 10.4 | 10.5 | 11.3 | 19.7 | 20.0 | 19.5 | 17.6 | 17.7 | 17.8 | 18.7 | 17.8 | 17.8 | 22.7 | 24.5 | 19.8 | 18.8 | 20.2 |
| 17 | 9.4 | 8.7 | 8.0 | 5.0 | 2.6 | 0.9 | 5.8 | 16.8 | 16.1 | 15.4 | 12.3 | 9.9 | 8.3 | 13.1 | 19.3 | 20.0 | 23.1 | 23.7 | 22.4 | 22.4 | 21.8 |
| 18 | 996.8 | 994.0 | 992.0 | 992.0 | 994.5 | 996.5 | 994.3 | 4.1 | 1.3 | 999.2 | 999.2 | 1.7 | 3.8 | 1.6 | 21.8 | 22.7 | 25.4 | 28.4 | 23.8 | 22.8 | 24.2 |
| 19 | 995.9 | 995.8 | 998.2 | 996.8 | 998.9 | 1.0 | 997.8 | 3.4 | 3.2 | 5.6 | 4.0 | 6.2 | 8.3 | 5.1 | 18.8 | 18.2 | 21.5 | 27.7 | 22.4 | 20.6 | 21.5 |
| 20 | 2.0 | 4.0 | 5.6 | 5.0 | 6.4 | 7.4 | 5.1 | 9.5 | 11.5 | 12.8 | 12.3 | 13.8 | 15.1 | 12.5 | 17.6 | 17.6 | 23.1 | 25.9 | 18.0 | 13.5 | 19.3 |
| 21 | 8.2 | 10.2 | 10.7 | 9.4 | 10.4 | 10.8 | 10.0 | 15.9 | 17.8 | 18.1 | 16.8 | 17.9 | 18.4 | 17.5 | 12.1 | 12.9 | 19.4 | 21.0 | 16.3 | 14.8 | 16.1 |
| 22 | 10.1 | 11.1 | 11.5 | 9.5 | 11.0 | 11.7 | 10.8 | 17.7 | 18.7 | 19.0 | 16.9 | 18.6 | 19.4 | 18.4 | 12.6 | 15.1 | 19.1 | 21.4 | 16.1 | 13.3 | 16.3 |
| 23 | 11.4 | 12.6 | 12.3 | 10.4 | 10.9 | 11.0 | 11.4 | 19.2 | 20.3 | 19.8 | 17.7 | 18.4 | 18.6 | 19.0 | 10.5 | 10.9 | 19.0 | 21.0 | 17.6 | 15.9 | 15.8 |
| 24 | 9.4 | 8.8 | 7.9 | 4.9 | 5.5 | 5.3 | 7.0 | 17.0 | 16.4 | 15.4 | 12.4 | 13.0 | 12.8 | 14.5 | 15.5 | 15.4 | 15.8 | 16.5 | 17.3 | 17.2 | 16.3 |
| 25 | 3.6 | 3.0 | 3.0 | 2.1 | 4.8 | 6.9 | 3.9 | 11.1 | 10.6 | 10.5 | 9.5 | 12.3 | 14.5 | 11.4 | 17.2 | 16.3 | 19.2 | 21.2 | 16.8 | 16.0 | 17.8 |
| 26 | 7.4 | 9.3 | 10.3 | 8.2 | 6.1 | 999.8 | 6.9 | 14.9 | 16.8 | 17.8 | 15.8 | 13.7 | 7.4 | 14.4 | 15.5 | 15.5 | 16.1 | 16.3 | 15.8 | 15.2 | 15.7 |
| 27 | 986.1 | 977.2 | 983.3 | 991.7 | 997.8 | 1.2 | 989.6 | 993.4 | 984.3 | 990.5 | 999.0 | 5.2 | 8.7 | 996.9 | 18.1 | 23.6 | 25.8 | 19.9 | 17.5 | 16.1 | 20.2 |
| 28 | 3.8 | 8.0 | 9.8 | 8.9 | 11.1 | 12.7 | 9.1 | 11.4 | 15.6 | 17.2 | 16.4 | 18.7 | 20.3 | 16.6 | 14.7 | 13.9 | 17.8 | 20.2 | 15.4 | 15.1 | 16.2 |
| 29 | 11.5 | 11.8 | 12.6 | 10.0 | 9.4 | 9.6 | 10.8 | 19.1 | 19.4 | 20.1 | 17.4 | 16.9 | 17.1 | 18.3 | 14.7 | 14.4 | 17.3 | 17.5 | 15.5 | 15.9 | 15.9 |
| 30 | 8.1 | 9.9 | 11.0 | 11.0 | 13.5 | 15.9 | 11.6 | 15.7 | 17.5 | 18.4 | 18.4 | 21.0 | 23.7 | 19.1 | 14.9 | 14.0 | 21.0 | 21.0 | 16.9 | 14.7 | 17.1 |
| 31 | | | | | | | | | | | | | | | | | | | | | |
| Mean | 4.7 | 4.9 | 5.4 | 4.3 | 5.2 | 6.0 | 5.1 | 12.2 | 12.4 | 12.8 | 11.6 | 12.6 | 13.5 | 12.5 | 17.1 | 17.4 | 21.2 | 22.8 | 19.2 | 17.7 | 19.3 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | | | Mean | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | 6 obs. | 24 h. |
| 1 | 27.0 | 22.1 | 24.6 | 4.9 | S | 1.3 | SSW | 2.0 | S | 4.0 | SSE | 4.4 | SE | 1.3 | SSE | 5.4 | 3.1 | 2.7 |
| 2 | 23.4 | 16.9 | 20.2 | 6.5 | N | 4.4 | NNE | 1.1 | — | 0.2 | — | 0.0 | NNW | 2.0 | ESE | 1.5 | 1.5 | 1.3 |
| 3 | 26.2 | 15.0 | 20.6 | 11.2 | SSW | 1.1 | NNW | 3.2 | NNW | 4.2 | NE | 3.4 | NNW | 3.2 | S | 3.6 | 3.1 | 3.0 |
| 4 | 22.7 | 16.6 | 19.7 | 6.1 | SSE | 3.0 | ESE | 2.0 | SW | 3.2 | SSW | 5.0 | SSE | 4.8 | SSW | 2.0 | 3.3 | 3.1 |
| 5 | 25.4 | 16.7 | 21.1 | 8.7 | SW | 1.5 | SE | 0.9 | S | 4.4 | SSE | 5.2 | SSE | 4.6 | S | 3.2 | 3.3 | 2.9 |
| 6 | 23.8 | 17.3 | 20.6 | 6.5 | SSW | 1.7 | S | 2.2 | SSE | 3.4 | S | 8.2 | SSE | 2.8 | SSW | 2.4 | 3.5 | 3.4 |
| 7 | 27.4 | 16.4 | 21.9 | 11.0 | SSW | 1.1 | NNE | 0.4 | SSW | 4.0 | SE | 1.7 | SSE | 6.1 | SE | 2.4 | 2.6 | 1.8 |
| 8 | 22.5 | 18.0 | 20.3 | 4.5 | NNE | 0.4 | — | 0.0 | NW | 2.4 | SSE | 2.8 | SSE | 2.4 | SW | 3.4 | 1.9 | 1.7 |
| 9 | 20.5 | 17.4 | 19.0 | 3.1 | S | 2.6 | WSW | 1.5 | — | 0.0 | W | 1.7 | S | 2.8 | SSW | 2.0 | 1.8 | 1.9 |
| 10 | 21.2 | 17.6 | 19.4 | 3.6 | — | 0.2 | — | 0.2 | SSE | 3.8 | SSE | 5.5 | SE | 4.0 | S | 2.6 | 2.7 | 2.7 |
| 11 | 26.0 | 18.4 | 22.2 | 7.6 | S | 0.4 | ESE | 1.1 | SE | 2.4 | SSE | 2.2 | SSE | 2.4 | — | 0.0 | 1.4 | 1.5 |
| 12 | 23.4 | 18.6 | 21.0 | 4.8 | — | 0.0 | SW | 0.4 | W | 0.4 | SSE | 0.9 | — | 0.0 | E | 0.4 | 0.4 | 1.0 |
| 13 | 27.0 | 16.8 | 21.9 | 10.2 | — | 0.0 | — | 0.2 | SE | 1.1 | S | 1.1 | WNW | 0.7 | E | 0.7 | 0.6 | 0.7 |
| 14 | 24.6 | 13.3 | 19.0 | 11.3 | NW | 0.4 | NW | 1.3 | SSW | 0.4 | SSE | 4.2 | S | 3.0 | — | 0.0 | 1.6 | 1.6 |
| 15 | 27.0 | 16.5 | 21.8 | 10.5 | — | 0.2 | E | 0.9 | WNW | 0.7 | S | 0.7 | SSE | 5.4 | S | 3.0 | 1.8 | 1.9 |
| 16 | 25.6 | 16.9 | 21.3 | 8.7 | SSE | 0.7 | — | 0.0 | SSE | 4.8 | SSE | 7.4 | SSE | 5.5 | SSW | 1.3 | 3.3 | 3.1 |
| 17 | 24.2 | 18.7 | 21.5 | 5.5 | — | 0.0 | — | 0.0 | SE | 2.0 | SSE | 3.0 | SSE | 3.4 | SSE | 7.1 | 2.6 | 2.9 |
| 18 | 30.3 | 20.6 | 25.5 | 9.7 | SE | 7.1 | SSE | 10.1 | S | 7.1 | WSW | 9.4 | W | 7.6 | SSW | 3.6 | 7.5 | 7.2 |
| 19 | 27.8 | 17.4 | 22.6 | 10.4 | S | 1.3 | — | 0.0 | SSW | 2.0 | WSW | 7.1 | WSW | 6.1 | W | 8.2 | 4.1 | 4.7 |
| 20 | 26.2 | 12.7 | 19.5 | 13.5 | ENE | 1.5 | N | 3.4 | N | 0.7 | W | 1.3 | ESE | 1.7 | N | 1.1 | 1.6 | 1.5 |
| 21 | 22.2 | 11.7 | 17.0 | 10.5 | SSE | 1.1 | NW | 1.3 | NNW | 1.5 | WNW | 4.0 | — | 0.2 | NNE | 1.1 | 1.5 | 2.0 |
| 22 | 22.4 | 12.4 | 17.4 | 10.0 | SW | 1.1 | WNW | 3.4 | NNW | 4.8 | NW | 5.9 | NW | 2.8 | S | 0.9 | 3.2 | 2.6 |
| 23 | 22.6 | 9.9 | 16.3 | 12.7 | NW | 1.1 | NW | 1.1 | S | 0.7 | S | 4.0 | SSE | 3.6 | NW | 1.3 | 2.0 | 1.8 |
| 24 | 17.6 | 15.0 | 16.3 | 2.6 | NW | 0.7 | NNW | 0.7 | NW | 1.1 | — | 0.0 | SE | 1.3 | SSW | 0.4 | 0.7 | 0.8 |
| 25 | 21.6 | 15.7 | 18.7 | 5.9 | — | 0.2 | NNW | 3.6 | N | 3.0 | N | 1.5 | N | 3.4 | NNW | 3.8 | 2.6 | 2.9 |
| 26 | 18.0 | 15.2 | 16.6 | 2.8 | NNW | 2.0 | NNW | 0.9 | NNW | 3.0 | NNW | 2.8 | N | 2.4 | NNW | 4.4 | 2.6 | 2.9 |
| 27 | 26.6 | 15.1 | 20.9 | 11.5 | ENE | 4.0 | SSE | 18.5 | SW | 7.6 | WNW | 9.8 | N | 3.0 | NNW | 0.4 | 7.2 | 7.9 |
| 28 | 21.0 | 13.6 | 17.3 | 7.4 | N | 5.5 | NNW | 1.1 | N | 1.7 | SSE | 3.2 | SSE | 4.2 | S | 2.4 | 3.0 | 3.1 |
| 29 | 18.4 | 14.3 | 16.4 | 4.1 | S | 0.9 | W | 1.3 | WSW | 1.7 | SSW | 3.2 | SSE | 3.4 | S | 5.9 | 2.7 | 2.4 |
| 30 | 23.0 | 13.3 | 18.2 | 9.7 | SE | 2.6 | W | 1.1 | NNW | 1.5 | NW | 3.8 | NW | 4.8 | E | 2.2 | 2.7 | 2.6 |
| 31 | | | | | | | | | | | | | | | | | | |
| Mean | 23.9 | 16.0 | 19.9 | 7.9 | | 1.6 | | 2.1 | | 2.6 | | 3.8 | | 3.3 | | 2.6 | 2.7 | 2.7 |

# SEPTEMBER, 1959.

| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 25.6 | 26.5 | 28.7 | 29.7 | 29.5 | 24.3 | 27.4 | 10 | 10 | 10 | 10 | 9 | 10 | 9.8 | — | — | st | — | — | st | — | — | st | — | ac | sc | cs | ac | — | — | — | sc |
| 2 | 22.5 | 22.5 | 23.7 | 23.8 | 20.2 | 18.5 | 21.9 | 10 | 10 | 10 | 10 | 3 | 0 | 7.2 | — | — | sc | — | — | ns | — | — | ns | ci | — | ns | cc | — | cu | — | — | — |
| 3 | 16.9 | 18.3 | 18.6 | 19.2 | 17.9 | 18.6 | 18.3 | 0 | 0 | 3 | 4 | 10 | 10 | 4.5 | — | — | — | — | — | cu | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 4 | 17.3 | 17.9 | 17.5 | 18.2 | 16.9 | 17.6 | 17.6 | 10 | 10 | 10 | 10 | 6 | 10 | 9.3 | — | — | st | — | — | sc | — | — | sc | cs | cc | — | sc | cc | — | sc | — | — | sc |
| 5 | 17.6 | 18.2 | 19.8 | 20.3 | 20.5 | 19.4 | 19.3 | 10 | 10 | 6 | 3 | 10 | 10 | 8.2 | — | — | sc | — | — | sc | — | — | cu | — | — | cu | ci | — | sc | — | — | sc |
| 6 | 19.4 | 20.2 | 21.7 | 21.1 | 21.4 | 19.5 | 20.6 | 7 | 10 | 10 | 10 | 10 | 7 | 9.0 | — | — | sc | — | as | st | — | — | st | — | — | sc | — | — | sc | — | — | sc |
| 7 | 18.7 | 19.3 | 22.3 | 21.1 | 21.8 | 21.1 | 20.7 | 9 | 9 | 7 | 10 | 10 | 10 | 9.2 | — | — | sc | — | — | sc st | — | — | sc | cs | — | cu cb | — | — | sc | — | — | sc |
| 8 | 21.5 | 20.9 | 22.3 | 23.2 | 20.7 | 20.3 | 21.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | st | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 9 | 20.0 | 20.0 | 21.3 | 21.7 | 20.4 | 19.2 | 20.4 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | st | — | — | sc |
| 10 | 19.6 | 20.0 | 20.4 | 20.5 | 20.4 | 20.2 | 20.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | sc | — | — | sc | — | — | st | — | — | sc |
| 11 | 20.6 | 21.2 | 22.7 | 24.9 | 24.9 | 23.2 | 22.9 | 10 | 10 | 10 | 8 | 10 | 10 | 9.7 | — | — | st | — | — | ns | — | — | st | cc | ci | — cu | cs | — | sc | — | — | st |
| 12 | 23.2 | 23.0 | 23.6 | 22.0 | 23.5 | 21.2 | 22.8 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | st | — | as | sc | — | as | sc | — | as | st sc |
| 13 | 19.7 | 19.5 | 22.5 | 21.7 | 19.4 | 18.4 | 20.2 | 10 | 10 | 9 | 7 | 10 | 10 | 9.3 | — | — | st | — | — | ≡ | cs | — | sc | cs | — | cu sc | cc | ac | — | — | ac | — |
| 14 | 17.3 | 15.6 | 19.8 | 20.4 | 19.7 | 19.7 | 18.8 | 3 | 10 | 10 | 10 | 10 | 7 | 8.3 | cs | — | sc | cc | — | — | cc | cs | — cu | — | as | sc | — | as | — | cc | ac | — |
| 15 | 19.0 | 19.8 | 20.5 | 19.2 | 19.2 | 19.3 | 19.5 | 10 | 10 | 9 | 2 | 4 | 10 | 7.5 | — | — | st | — | — | sc st | — | — | sc st | ci | — | cu | — | — | sc | — | — | sc |
| 16 | 19.6 | 19.6 | 20.7 | 20.8 | 20.0 | 20.1 | 20.1 | 10 | 10 | 9 | 4 | 2 | 10 | 7.5 | — | — | sc | — | — | sc | — | — | sc | cs | — | sc | — | — | sc | — | — | sc |
| 17 | 21.2 | 22.5 | 23.7 | 24.4 | 24.4 | 23.1 | 23.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | sc | — | — | st | — | — | st | — | — | st | — | — | ns |
| 18 | 19.7 | 21.6 | 25.6 | 22.0 | 20.2 | 18.7 | 21.3 | 10 | 10 | 10 | 10 | 9 | 8 | 9.5 | ci | — | sc st | — | — | sc st | — | — | sc st | cs | — | sc | cs | — | sc | — | — | sc |
| 19 | 19.1 | 19.7 | 23.2 | 19.1 | 14.5 | 16.4 | 18.7 | 0 | 5 | 10 | 3 | 5 | 4 | 4.5 | — | — | sc | cc | — | sc | — | — | sc | cc | ci | — cu | cc | — | sc | cs | — | sc |
| 20 | 16.4 | 16.0 | 15.7 | 14.6 | 15.8 | 14.3 | 15.5 | 8 | 10 | 9 | 2 | 0 | 0 | 4.8 | cc | — | sc | — | as | sc | cc | — | cu | — | — | cu | — | — | cu | — | — | cu |
| 21 | 13.2 | 12.6 | 12.9 | 10.5 | 12.1 | 13.4 | 12.5 | 0 | 10 | 9 | 10 | 9 | 10 | 8.0 | — | — | cu | ci | cs | — cu | cs | cc | — cu | cc | cs | — cu | cc | as | sc | cs | — | sc |
| 22 | 13.6 | 12.9 | 11.9 | 13.5 | 13.2 | 13.6 | 13.1 | 6 | 9 | 6 | 10 | 7 | 7 | 7.5 | — | — | sc | cs | — | sc | cs | — | cu | cs | — | cu | cs | ac | sc | cs | ac | — |
| 23 | 12.2 | 12.6 | 14.2 | 15.6 | 17.1 | 16.8 | 14.8 | 8 | 10 | 10 | 10 | 10 | 10 | 9.7 | cs | cc | — | — | — | as | ac | — | cs, cc, ci- | — | — | as | sc | — | as | — | — | — | ns |
| 24 | 17.3 | 17.1 | 17.2 | 17.8 | 19.0 | 18.9 | 17.9 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | st | — | — | st | — | — | ns | — | — | ns |
| 25 | 19.2 | 18.2 | 19.1 | 19.7 | 18.2 | 17.6 | 18.7 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | ns | — | — | ns | — | — | sc | — | — | ns | — | — | ns |
| 26 | 17.1 | 17.1 | 17.7 | 18.0 | 16.5 | 16.7 | 17.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 27 | 19.2 | 27.0 | 17.5 | 15.6 | 15.7 | 13.6 | 18.1 | 10 | 10 | 10 | 10 | 10 | 9 | 9.8 | — | — | ns | — | — | ns | cc | — | sc | cs | — | sc | — | — | sc | — | — | sc |
| 28 | 13.8 | 14.2 | 14.1 | 15.4 | 15.2 | 15.6 | 14.7 | 10 | 10 | 10 | 9 | 8 | 10 | 9.5 | — | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | ns |
| 29 | 15.9 | 15.7 | 16.0 | 17.0 | 16.4 | 16.1 | 16.2 | 10 | 10 | 10 | 10 | 10 | 7 | 9.5 | — | — | ns | — | — | sc | — | — | sc | — | — | ns | ci | — | sc st | — | — | st |
| 30 | 16.1 | 15.5 | 14.1 | 16.1 | 13.7 | 13.7 | 14.9 | 3 | 3 | 3 | 6 | 6 | 10 | 5.2 | — | — | sc | ci | — | cu | cc | — | sc | — | — | sc | cc | — | sc | — | — | sc |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mean | 18.4 | 18.8 | 19.6 | 19.6 | 18.9 | 18.3 | 19.0 | 8.1 | 9.2 | 9.0 | 8.3 | 8.3 | 8.6 | 8.6 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P. M. |
| 1 | 0.4 | 166 | (1.7) | (1.3) | 95 | 97 | 88 | 86 | 91 | 84 | 90 | — | 0.1 | — | — | — | 0.4 | 0.5 | ●,= | ●,ᔆ |
| 2 | 0.6 | 143 | (2.5) | (0.8) | 86 | 94 | 89 | 85 | 84 | 94 | 89 | — | 0.7 | 4.8 | 0.7 | 0.0 | — | 6.2 | ● | ●,ᔆ |
| 3 | 9.1 | 457 | (5.2) | (3.5) | 96 | 90 | 65 | 58 | 69 | 88 | 78 | — | — | — | — | — | — | — | ᔆ | ● |
| 4 | 1.4 | 318 | 4.1 | 2.6 | 89 | 92 | 74 | 68 | 82 | 89 | 82 | 0.1 | — | — | — | — | — | 0.1 | — | ◊ |
| 5 | 6.9 | 407 | 4.5 | 3.7 | 91 | 93 | 72 | 65 | 88 | 92 | 84 | — | — | — | — | — | — | — | ᔆ | ᔆ |
| 6 | 0.5 | 183 | 3.1 | 1.3 | 92 | 94 | 83 | 78 | 90 | 94 | 89 | — | — | 0.0 | — | — | — | 0.0 | ● | — |
| 7 | 6.2 | 363 | (3.3) | (2.5) | 95 | 96 | 71 | 61 | 90 | 95 | 85 | — | — | — | — | 1.8 | — | 1.8 | ᔆ | ● |
| 8 | — | 108 | (0.0) | (0.0) | 97 | 96 | 93 | 88 | 97 | 97 | 95 | — | 0.0 | 0.5 | 0.4 | 15.8 | 1.4 | 18.1 | ● | ● |
| 9 | — | 103 | (0.7) | (0.0) | 96 | 98 | 98 | 93 | 96 | 95 | 96 | 1.3 | 0.5 | 2.9 | 0.5 | 5.5 | — | 10.7 | ● | ☽,● |
| 10 | — | 171 | (1.8) | (1.9) | 96 | 98 | 84 | 84 | 96 | 96 | 92 | — | — | 0.1 | — | 0.3 | 0.2 | 0.6 | ☽ | ☽,● |
| 11 | 3.7 | 270 | (2.1) | (1.4) | 97 | 98 | 84 | 75 | 89 | 96 | 90 | — | 0.0 | 0.0 | — | — | — | 0.0 | ☽ | ᔆ |
| 12 | 0.4 | 142 | 1.4 | 0.3 | 98 | 99 | 96 | 77 | 94 | 97 | 94 | 0.1 | 1.7 | 0.4 | 0.0 | — | — | 2.2 | ● | ᔆ |
| 13 | 3.2 | 269 | 3.6 | 2.5 | 98 | 99 | 85 | 63 | 81 | 93 | 87 | — | — | — | — | — | — | — | =,≡,ᔆ,ᔆ | ᔆ,◊ |
| 14 | 2.6 | 297 | 2.3 | 1.8 | 97 | 97 | 74 | 73 | 84 | 94 | 87 | — | — | — | — | — | — | — | =,≡,ᔆ,ᛉ,ᔆ | ᔆ,ᔆ |
| 15 | 6.4 | 390 | 4.6 | 2.7 | 97 | 99 | 77 | 56 | 85 | 92 | 84 | — | — | — | — | — | — | — | ᔆ | — |
| 16 | 6.5 | 363 | 4.4 | 3.0 | 96 | 96 | 75 | 68 | 87 | 93 | 86 | — | — | — | — | — | — | — | — | — |
| 17 | — | 100 | (3.0) | (2.1) | 95 | 96 | 84 | 83 | 90 | 85 | 89 | — | — | — | — | — | 0.0 | 0.0 | — | ● |
| 18 | 4.1 | 319 | 4.2 | 3.0 | 75 | 78 | 79 | 57 | 69 | 67 | 71 | 0.2 | 0.3 | — | — | — | — | 0.5 | ●,↙ | ↙ |
| 19 | 2.7 | 196 | 5.1 | 3.2 | 88 | 94 | 91 | 52 | 53 | 68 | 74 | — | — | 0.0 | 0.0 | — | — | 0.0 | ☽,ᔆ | ◊,↙ |
| 20 | 7.6 | 401 | 3.8 | 2.7 | 81 | 80 | 55 | 44 | 76 | 92 | 71 | — | — | — | — | — | — | — | ᔆ | ◊,ᔆ |
| 21 | 3.0 | 317 | 4.1 | 2.4 | 93 | 85 | 57 | 42 | 65 | 80 | 70 | — | — | — | — | — | — | — | ᔆ,ᔆ,◊ | ◊,● |
| 22 | 3.8 | 293 | 3.7 | 1.7 | 93 | 75 | 54 | 53 | 72 | 89 | 73 | 0.0 | — | — | — | — | — | 0.0 | ◊ | ◊ |
| 23 | 3.3 | 326 | (2.2) | (1.9) | 96 | 96 | 65 | 63 | 85 | 93 | 83 | — | — | — | — | 0.0 | 0.0 | 0.0 | ᔆ,◊,ᔆ | ᔆ,◊,● |
| 24 | — | 27 | (0.3) | (0.0) | 98 | 98 | 96 | 95 | 96 | 96 | 97 | 0.7 | 7.4 | 0.9 | — | 4.0 | 2.1 | 15.1 | ●,☽ | ● |
| 25 | — | — | (0.0) | (0.0) | 98 | 98 | 86 | 78 | 95 | 97 | 92 | 0.7 | 0.3 | 0.3 | 0.0 | 0.3 | 0.9 | 2.5 | ●,☽ | ☽,●,◊ |
| 26 | — | 48 | (0.0) | (0.0) | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 5.0 | 1.3 | 4.9 | 8.3 | 2.2 | 1.3 | 23.0 | ● | ● |
| 27 | 1.8 | 256 | 3.8 | 3.9 | 93 | 93 | 53 | 67 | 79 | 74 | 77 | 15.7 | 11.7 | 0.2 | — | — | — | 27.6 | ●,↱,↙ | ↙ |
| 28 | 1.9 | 284 | (2.3) | (1.5) | 83 | 89 | 69 | 65 | 87 | 91 | 81 | — | — | — | — | — | 0.0 | 0.0 | ◊ | ◊,☽,ᔆ,● |
| 29 | — | 119 | (1.6) | (1.0) | 95 | 96 | 81 | 85 | 93 | 89 | 90 | 0.3 | 0.1 | — | 0.0 | 0.7 | 0.3 | 1.4 | ● | ☽,● |
| 30 | 8.4 | 355 | (3.4) | (1.8) | 95 | 97 | 57 | 65 | 71 | 82 | 78 | 0.3 | — | — | 0.1 | — | — | 0.4 | ● | ● |
| 31 | | | | | | | | | | | | | | | | | | | | |
| | 84.5 | 7191 | 82.8 | 54.5 | 93 | 94 | 78 | 71 | 84 | 90 | 85 | 24.4 | 24.1 | 15.0 | 10.0 | 30.6 | 6.6 | 11.07 | | |

# OCTOBER, 1959.

| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 16.0 | 17.7 | 17.4 | 16.2 | 14.9 | 15.1 | 16.2 | 23.9 | 25.5 | 25.1 | 23.8 | 22.4 | 22.7 | 23.9 | 11.1 | 10.4 | 15.2 | 18.0 | 16.3 | 16.6 | 14.6 |
| 2 | 13.1 | 12.1 | 12.3 | 9.6 | 9.1 | 9.4 | 10.9 | 20.7 | 19.7 | 19.9 | 17.1 | 16.7 | 16.9 | 18.5 | 15.8 | 15.5 | 16.9 | 19.1 | 17.4 | 15.2 | 16.7 |
| 3 | 10.0 | 10.8 | 11.0 | 8.7 | 9.0 | 8.9 | 9.7 | 17.5 | 18.4 | 18.5 | 16.0 | 16.5 | 16.4 | 17.2 | 15.2 | 14.2 | 16.5 | 23.2 | 17.7 | 17.3 | 17.4 |
| 4 | 6.7 | 5.0 | 3.0 | 0.6 | 0.4 | 0.1 | 2.6 | 14.3 | 12.5 | 10.5 | 8.0 | 7.9 | 7.5 | 10.1 | 17.5 | 17.6 | 18.0 | 19.2 | 18.6 | 18.5 | 18.2 |
| 5 | 0.1 | 0.3 | 2.8 | 2.0 | 4.7 | 5.8 | 2.6 | 7.7 | 7.8 | 10.3 | 9.4 | 12.2 | 13.4 | 10.1 | 16.5 | 16.3 | 19.6 | 20.7 | 16.3 | 15.6 | 17.5 |
| 6 | 7.3 | 9.3 | 10.2 | 8.5 | 9.9 | 9.9 | 9.2 | 14.9 | 17.1 | 17.6 | 15.9 | 17.4 | 17.5 | 16.7 | 11.9 | 8.9 | 17.5 | 19.9 | 16.1 | 13.1 | 14.6 |
| 7 | 10.1 | 10.0 | 9.7 | 7.5 | 5.9 | 3.9 | 7.9 | 17.7 | 17.6 | 17.3 | 15.1 | 13.5 | 11.5 | 15.5 | 11.6 | 11.2 | 13.3 | 14.2 | 14.6 | 13.4 | 13.1 |
| 8 | 2.8 | 4.4 | 4.2 | 4.3 | 7.9 | 9.8 | 5.6 | 10.5 | 12.0 | 11.7 | 11.8 | 15.5 | 17.5 | 13.2 | 12.6 | 15.6 | 20.7 | 20.8 | 14.9 | 11.9 | 16.1 |
| 9 | 11.0 | 11.5 | 10.8 | 7.4 | 7.7 | 7.7 | 9.4 | 18.8 | 19.4 | 18.4 | 14.9 | 15.4 | 15.4 | 17.1 | 8.4 | 7.3 | 16.2 | 19.6 | 14.2 | 10.7 | 12.7 |
| 10 | 6.2 | 6.3 | 6.1 | 3.0 | 3.5 | 3.1 | 4.7 | 13.9 | 14.1 | 13.6 | 10.5 | 11.1 | 10.7 | 12.3 | 10.8 | 9.1 | 16.7 | 21.2 | 16.5 | 14.3 | 14.8 |
| 11 | 1.5 | 1.7 | 1.5 | 0.3 | 3.2 | 4.8 | 2.2 | 9.0 | 9.3 | 8.8 | 7.7 | 10.7 | 12.4 | 9.7 | 13.5 | 12.9 | 19.0 | 21.7 | 16.2 | 14.9 | 16.4 |
| 12 | 3.7 | 4.8 | 4.4 | 3.8 | 6.0 | 7.2 | 5.0 | 11.3 | 12.5 | 11.8 | 11.3 | 13.6 | 14.8 | 12.6 | 14.0 | 14.0 | 19.8 | 21.2 | 15.1 | 13.5 | 16.3 |
| 13 | 6.7 | 6.2 | 6.4 | 2.6 | 3.5 | 3.0 | 4.7 | 14.4 | 13.9 | 14.0 | 10.1 | 11.1 | 10.6 | 12.4 | 12.7 | 10.9 | 14.3 | 18.0 | 14.8 | 11.2 | 13.7 |
| 14 | 0.9 | 1.4 | 0.7 | 0.2 | 2.8 | 4.7 | 1.8 | 8.6 | 9.0 | 8.3 | 7.8 | 10.5 | 12.6 | 9.5 | 10.8 | 11.2 | 13.3 | 12.5 | 9.5 | 6.5 | 10.6 |
| 15 | 7.5 | 11.4 | 13.7 | 13.7 | 16.4 | 18.5 | 13.5 | 15.4 | 19.3 | 21.3 | 21.1 | 24.1 | 26.4 | 21.3 | 6.1 | 4.3 | 15.3 | 18.7 | 12.3 | 7.7 | 10.7 |
| 16 | 19.3 | 20.2 | 18.7 | 14.8 | 14.1 | 12.7 | 16.6 | 27.2 | 28.2 | 26.4 | 22.3 | 21.7 | 20.4 | 24.4 | 5.5 | 5.1 | 12.3 | 18.0 | 14.3 | 13.1 | 11.4 |
| 17 | 10.9 | 10.6 | 11.8 | 10.4 | 12.2 | 13.9 | 11.6 | 18.7 | 18.3 | 19.3 | 17.8 | 19.9 | 21.6 | 19.3 | 10.3 | 9.3 | 18.3 | 18.6 | 13.1 | 10.6 | 13.4 |
| 18 | 14.3 | 15.9 | 14.7 | 12.5 | 12.0 | 10.6 | 13.3 | 22.1 | 23.8 | 22.4 | 20.2 | 19.8 | 18.4 | 21.1 | 6.8 | 5.5 | 10.1 | 11.5 | 10.9 | 10.5 | 9.2 |
| 19 | 7.8 | 4.8 | 5.7 | 6.2 | 10.5 | 14.4 | 8.2 | 15.6 | 12.6 | 13.3 | 13.9 | 18.1 | 22.1 | 15.9 | 9.5 | 9.1 | 10.9 | 11.6 | 10.7 | 8.7 | 10.1 |
| 20 | 16.2 | 18.6 | 20.6 | 19.0 | 20.2 | 21.3 | 19.3 | 24.2 | 26.7 | 28.4 | 26.7 | 28.0 | 29.3 | 27.2 | 4.0 | 2.2 | 10.9 | 16.7 | 11.1 | 6.0 | 8.5 |
| 21 | 19.9 | 19.0 | 19.2 | 14.1 | 13.1 | 10.7 | 16.0 | 27.9 | 26.9 | 27.0 | 21.6 | 20.8 | 18.4 | 23.8 | 6.1 | 6.7 | 11.3 | 15.3 | 12.0 | 10.7 | 10.4 |
| 22 | 6.9 | 5.9 | 5.7 | 4.0 | 6.3 | 10.9 | 6.6 | 14.6 | 13.7 | 13.2 | 11.5 | 14.0 | 18.5 | 14.3 | 10.3 | 7.6 | 15.7 | 16.7 | 12.7 | 11.9 | 12.5 |
| 23 | 15.4 | 18.8 | 21.1 | 17.1 | 16.9 | 14.7 | 17.3 | 23.3 | 26.8 | 28.8 | 24.7 | 24.7 | 22.6 | 25.2 | 9.5 | 5.2 | 14.1 | 17.0 | 11.8 | 8.6 | 11.0 |
| 24 | 11.7 | 10.1 | 8.9 | 10.2 | 12.9 | 14.4 | 11.4 | 19.5 | 17.8 | 16.5 | 17.7 | 20.6 | 22.1 | 19.0 | 7.2 | 11.3 | 15.2 | 14.9 | 12.5 | 9.9 | 11.8 |
| 25 | 14.1 | 15.1 | 15.9 | 13.7 | 15.6 | 16.4 | 15.1 | 21.8 | 23.0 | 23.8 | 21.2 | 23.4 | 24.3 | 22.9 | 9.6 | 7.2 | 9.9 | 16.7 | 11.3 | 5.2 | 10.0 |
| 26 | 16.9 | 17.9 | 18.6 | 17.1 | 19.3 | 21.1 | 18.5 | 24.9 | 25.8 | 26.3 | 24.7 | 27.1 | 29.1 | 26.3 | 3.6 | 4.4 | 12.9 | 16.5 | 9.6 | 5.8 | 8.8 |
| 27 | 20.8 | 21.2 | 21.8 | 18.6 | 17.5 | 17.0 | 19.5 | 28.8 | 29.2 | 29.7 | 26.3 | 25.2 | 24.7 | 27.3 | 6.2 | 6.2 | 8.7 | 14.9 | 13.8 | 12.8 | 10.4 |
| 28 | 14.1 | 13.4 | 11.8 | 9.1 | 10.7 | 9.0 | 11.4 | 21.8 | 21.0 | 19.4 | 16.7 | 18.3 | 16.6 | 19.0 | 11.6 | 13.3 | 14.5 | 15.9 | 15.2 | 14.4 | 14.2 |
| 29 | 6.9 | 5.5 | 5.0 | 2.4 | 2.5 | 3.0 | 4.2 | 14.5 | 13.1 | 12.5 | 9.8 | 10.0 | 10.6 | 11.8 | 14.2 | 14.2 | 17.5 | 19.3 | 16.2 | 14.2 | 15.9 |
| 30 | 2.6 | 6.6 | 9.8 | 11.7 | 15.0 | 16.6 | 10.4 | 10.2 | 14.2 | 17.4 | 19.4 | 22.8 | 24.4 | 18.1 | 12.7 | 12.9 | 13.5 | 13.3 | 10.1 | 8.4 | 11.8 |
| 31 | 18.7 | 21.2 | 22.5 | 21.5 | 22.2 | 23.1 | 21.5 | 26.7 | 29.2 | 30.3 | 29.2 | 30.1 | 31.1 | 29.4 | 4.4 | 1.4 | 10.1 | 15.2 | 9.1 | 4.9 | 7.5 |
| Mean | 10.3 | 10.9 | 11.2 | 9.4 | 10.5 | 11.0 | 10.6 | 18.1 | 18.7 | 18.8 | 16.9 | 18.2 | 18.7 | 18.2 | 10.3 | 9.7 | 14.8 | 17.4 | 13.7 | 11.5 | 12.9 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | Mean | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | 6 obs. | 24 h. |
| 1 | 18.2 | 9.6 | 13.9 | 8.6 | — | 0.2 | — | 0.0 | — | 0.0 | SE | 1.1 | SSE | 2.0 | ESE | 1.5 | 0.8 | 0.7 |
| 2 | 19.5 | 15.1 | 17.3 | 4.4 | W | 0.7 | — | 0.0 | W | 1.1 | SSE | 0.4 | — | 0.0 | — | 0.0 | 0.4 | 0.4 |
| 3 | 23.6 | 13.9 | 18.8 | 9.7 | N | 1.3 | — | 0.0 | N | 0.4 | S | 6.5 | SSE | 3.8 | SSE | 2.2 | 2.4 | 2.6 |
| 4 | 19.6 | 17.3 | 18.5 | 2.3 | SSE | 4.6 | S | 0.9 | — | 0.0 | — | 0.2 | — | 0.0 | SSW | 3.6 | 1.6 | 1.6 |
| 5 | 22.9 | 13.5 | 18.2 | 9.4 | ENE | 1.5 | W | 0.4 | NE | 0.4 | NW | 5.5 | NNW | 5.0 | N | 4.6 | 2.9 | 2.2 |
| 6 | 20.6 | 8.6 | 14.6 | 12.0 | — | 0.0 | NNW | 0.4 | NNW | 1.1 | SSE | 1.3 | SSW | 2.6 | S | 0.4 | 1.0 | 1.2 |
| 7 | 14.9 | 10.8 | 12.9 | 4.1 | — | 0.0 | — | 0.0 | NW | 0.7 | SW | 2.8 | — | 0.0 | NW | 2.4 | 1.0 | 0.7 |
| 8 | 21.2 | 10.6 | 15.9 | 10.6 | NNW | 2.2 | NNE | 8.0 | NW | 5.5 | NNW | 4.8 | NW | 7.4 | N | 2.4 | 5.1 | 4.6 |
| 9 | 20.1 | 7.0 | 13.6 | 13.1 | NNW | 2.0 | N | 3.4 | SE | 0.9 | S | 3.8 | S | 4.4 | S | 0.4 | 2.5 | 1.7 |
| 10 | 21.8 | 8.7 | 15.3 | 13.1 | — | 0.0 | — | 0.2 | NNW | 2.4 | SSW | 1.5 | NW | 0.9 | — | 0.0 | 0.8 | 1.2 |
| 11 | 23.6 | 12.9 | 18.3 | 10.7 | NW | 0.9 | NNW | 1.1 | NNW | 3.2 | — | 0.0 | NW | 0.9 | — | 0.2 | 1.1 | 1.2 |
| 12 | 21.8 | 13.2 | 17.5 | 8.6 | — | 0.2 | — | 0.0 | ENE | 0.9 | NW | 0.9 | NNE | 0.4 | — | 0.2 | 0.4 | 1.3 |
| 13 | 18.8 | 10.3 | 14.6 | 8.5 | SE | 1.1 | — | 0.0 | — | 0.0 | NNE | 0.7 | — | 0.0 | — | 0.0 | 0.3 | 0.9 |
| 14 | 15.7 | 6.0 | 10.9 | 9.7 | — | 0.2 | NNW | 4.0 | WNW | 4.4 | NNW | 4.8 | W | 4.6 | W | 1.7 | 3.3 | 3.1 |
| 15 | 19.2 | 4.0 | 11.6 | 15.2 | W | 0.4 | — | 0.0 | ENE | 1.7 | NW | 2.8 | — | 0.2 | WNW | 1.5 | 1.1 | 1.4 |
| 16 | 18.4 | 3.6 | 11.0 | 14.8 | WNW | 1.3 | WNW | 0.7 | WNW | 0.4 | S | 5.9 | S | 2.4 | S | 2.6 | 2.2 | 1.9 |
| 17 | 20.0 | 9.0 | 14.5 | 11.0 | S | 0.4 | NW | 0.4 | NW | 5·0 | N | 4.2 | WNW | 3.6 | NE | 2.2 | 2.6 | 2.5 |
| 18 | 11.9 | 5.1 | 8.5 | 6.8 | N | 2.2 | — | 0.2 | N | 1.1 | — | 0.0 | — | 0.0 | — | 0.0 | 0.6 | 1.0 |
| 19 | 11.8 | 6.7 | 9.3 | 5.1 | N | 1.5 | N | 3.0 | N | 3.8 | NNW | 4.2 | NNW | 2.2 | NNW | 3.4 | 3.0 | 3.1 |
| 20 | 16.9 | 2.1 | 9.5 | 14.8 | — | 0.0 | SW | 0.4 | — | 0.0 | SSE | 4.2 | SSE | 4.0 | — | 0.0 | 1.4 | 1.5 |
| 21 | 15.6 | 5.2 | 10.4 | 10.4 | — | 0.0 | — | 0.2 | — | 0.0 | S | 2.0 | SSE | 0.7 | — | 0.0 | 0.5 | 0.8 |
| 22 | 17.7 | 7.4 | 12.6 | 10.3 | NNW | 1.1 | W | 2.4 | NNW | 8.2 | NNW | 4.8 | WNW | 3.0 | WNW | 8.0 | 4.6 | 3.8 |
| 23 | 17.6 | 4.5 | 11.1 | 13.1 | N | 4.2 | — | 0.0 | — | 0.2 | SSE | 7.4 | S | 4.8 | SSE | 1.5 | 3.0 | 3.4 |
| 24 | 16.2 | 6.2 | 11.2 | 10.0 | SSW | 2.0 | S | 4.6 | N | 3.2 | WNW | 4.0 | N | 1.7 | N | 2.0 | 2.9 | 3.5 |
| 25 | 17.2 | 4.6 | 10.9 | 12.6 | ENE | 1.3 | W | 0.7 | — | 0.0 | — | 0.2 | NNW | 2.8 | — | 0.0 | 0.8 | 1.4 |
| 26 | 17.1 | 2.8 | 10.0 | 14.3 | — | 0.2 | — | 0.0 | — | 0.0 | ENE | 1.7 | ESE | 0.9 | — | 0.0 | 0.5 | 0.8 |
| 27 | 15.0 | 5.0 | 10.0 | 10.0 | — | 0.0 | — | 0.0 | — | 0.0 | SSE | 3.8 | SSE | 5.0 | W | 2.8 | 1.9 | 1.8 |
| 28 | 16.2 | 11.5 | 13.9 | 4.7 | — | 0.0 | SSE | 3.2 | SSE | 6.5 | ESE | 2.8 | — | 0.0 | NE | 0.9 | 2.2 | 1.8 |
| 29 | 19.6 | 14.0 | 16.8 | 5.6 | — | 0.0 | — | 0.0 | — | 0.2 | — | 0.0 | — | 0.2 | — | 0.0 | 0.1 | 0.5 |
| 30 | 15.6 | 7.2 | 11.4 | 8.4 | SW | 1.1 | NNW | 2.8 | WNW | 4.2 | WNW | 4.6 | N | 4.8 | NNE | 3.0 | 3.4 | 3.8 |
| 31 | 15.6 | 1.3 | 8.5 | 14.3 | NW | 1.1 | NW | 0.4 | NNW | 0.9 | S | 3.6 | SSE | 3.0 | SSW | 2.0 | 1.8 | 1.4 |
| Mean | 18.2 | 8.3 | 13.3 | 9.9 | | 1.0 | | 1.2 | | 1.8 | | 2.9 | | 2.3 | | 1.6 | 1.8 | 1.9 |

# OCTOBER, 1959.

| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 12.4 | 12.2 | 13.8 | 16.1 | 16.5 | 16.7 | 14.6 | 3 | 10 | 10 | 10 | 10 | 10 | 8.8 | — | — | sc | cs | — | st | — | ac | — | — | as | — | — | as | — | — | — | sc |
| 2 | 17.2 | 16.9 | 18.1 | 19.7 | 18.7 | 16.7 | 17.9 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | ns | — | — | ns | — | as | st | — | as | st | — | — | ≡ |
| 3 | 17.1 | 15.9 | 18.0 | 18.3 | 17.8 | 18.4 | 17.6 | 10 | 10 | 10 | 8 | 10 | 10 | 9.7 | — | — | ≡ | — | — | ≡ | — | — | st | ci | — | cu | — | as | — | — | — | st |
| 4 | 18.5 | 19.0 | 20.2 | 21.4 | 21.0 | 20.9 | 20.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | st |
| 5 | 17.8 | 17.3 | 17.1 | 14.0 | 12.0 | 12.6 | 15.1 | 10 | 10 | 10 | 3 | 9 | 10 | 8.7 | — | — | st | — | — | sc | ci | — | sc | cc | — | cu | ci | — | cu | cs | — | — |
| 6 | 12.1 | 10.8 | 12.6 | 13.8 | 14.9 | 14.3 | 13.1 | 0 | 5 | 10 | 10 | 10 | 10 | 7.5 | — | — | — | ci | — | sc | cs | — | — | cs | — | — | — | ac | — | — | — | sc |
| 7 | 13.2 | 12.8 | 14.1 | 15.5 | 16.1 | 14.9 | 14.4 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | cs | — | — | — | as | — | — | — | ns | — | — | ns | — | — | ns |
| 8 | 13.9 | 14.4 | 14.3 | 16.3 | 11.8 | 11.5 | 13.7 | 0 | 0 | 1 | 8 | 0 | 0 | 1.5 | — | — | — | — | — | cu | — | — | cu | — | — | sc | — | — | — | — | — | — |
| 9 | 10.7 | 10.0 | 10.6 | 13.3 | 12.9 | 12.1 | 11.6 | 0 | 2 | 2 | 7 | 3 | 6 | 3.3 | — | as | — | — | — | sc | — | — | sc | — | — | sc | — | — | — | — | — | — |
| 10 | 12.2 | 10.8 | 13.2 | 15.8 | 16.0 | 14.8 | 13.8 | 10 | 10 | 10 | 7 | 7 | 10 | 9.0 | — | as | — | cs | — | — | cs | — | sc | — | — | sc | — | — | sc | cs | — | sc |
| 11 | 14.3 | 14.2 | 16.6 | 18.6 | 17.1 | 16.6 | 16.2 | 10 | 10 | 2 | 10 | 4 | 9 | 7.5 | — | — | sc | — | — | sc | ci | — | cu | — | — | ns,cu | — | — | sc | — | — | sc |
| 12 | 15.6 | 15.6 | 17.5 | 12.6 | 14.4 | 14.0 | 15.0 | 10 | 10 | 3 | 7 | 1 | 10 | 6.8 | — | — | ≡ | — | — | ns | — | — | sc | — | — | sc | — | — | cu | — | — | sc |
| 13 | 13.9 | 12.3 | 13.8 | 13.5 | 14.6 | 12.4 | 13.4 | 10 | 10 | 10 | 10 | 9 | 4 | 8.8 | — | — | sc | cs | — | sc | — | as | sc | ci | — | sc,cu | — | — | sc | — | — | sc,cu |
| 14 | 12.3 | 10.6 | 9.5 | 9.6 | 8.8 | 8.8 | 9.9 | 10 | 8 | 8 | 8 | 3 | 4 | 6.8 | — | — | ns,sc | — | — | sc,cu | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 15 | 9.0 | 7.9 | 10.5 | 10.3 | 10.9 | 9.5 | 9.7 | 4 | 0 | 2 | 2 | 0 | 0 | 1.3 | cs | — | sc | — | — | cu | — | — | cu | — | — | cu | — | — | cu | — | — | — |
| 16 | 8.8 | 8.7 | 11.3 | 12.9 | 14.1 | 13.9 | 11.6 | 0 | 10 | 6 | 7 | 10 | 10 | 7.2 | — | — | — | — | — | ≡ | cs | — | — | cs | — | cu | cs | — | sc | cs | — | sc |
| 17 | 12.1 | 11.3 | 12.8 | 10.7 | 10.2 | 9.5 | 11.1 | 3 | 8 | 8 | 8 | 10 | 9 | 7.7 | ci | — | sc | ci | — | sc | ci | — | cu | ci | — | cu | ci,cs | — | cu | ci,cs | — | — |
| 18 | 9.1 | 8.4 | 9.5 | 9.5 | 11.1 | 11.5 | 9.9 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | ci,cc,cs- | | — | ci,cc,cs- | | — | cs | ac | — | cs | ac | — | — | as | — | — | — | ns |
| 19 | 11.3 | 11.1 | 12.6 | 12.4 | 11.5 | 10.0 | 11.5 | 10 | 10 | 10 | 10 | 10 | 0 | 8.3 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns | cs | — | — |
| 20 | 7.6 | 7.2 | 10.2 | 10.5 | 10.6 | 8.6 | 9.1 | 0 | 0 | 0 | 1 | 0 | 0 | 0.2 | — | — | — | — | — | — | — | — | cu | — | — | cu | — | — | — | — | — | — |
| 21 | 9.0 | 9.3 | 11.3 | 12.0 | 11.8 | 12.1 | 10.9 | 9 | 10 | 10 | 10 | 10 | 10 | 9.8 | — | — | sc | — | — | sc | — | as | sc | — | as | sc | — | as | sc | — | as | sc |
| 22 | 11.6 | 10.0 | 11.7 | 10.6 | 11.1 | 9.8 | 10.8 | 10 | 1 | 4 | 9 | 8 | 1 | 5.5 | — | as,ac | — | cc | — | cu | — | — | sc | — | — | sc | — | — | sc | — | — | cu |
| 23 | 9.4 | 8.0 | 8.3 | 9.4 | 10.0 | 9.8 | 9.2 | 0 | 0 | 7 | 3 | 0 | 2 | 2.0 | — | — | — | — | — | — | ci | — | cu | ci | — | — | ci | — | — | cs | — | — |
| 24 | 9.3 | 10.7 | 15.5 | 11.8 | 10.0 | 9.6 | 11.2 | 6 | 9 | 10 | 10 | 10 | 5 | 8.3 | — | — | sc | ci | — | sc | — | — | ns | — | — | sc | — | — | sc | cs | — | — |
| 25 | 8.5 | 9.2 | 9.7 | 9.6 | 8.4 | 8.1 | 8.9 | 6 | 9 | 9 | 2 | 0 | 0 | 4.3 | cs | — | — | cc | ac | — | cc | as | — | — | — | cu | — | — | — | cs | — | — |
| 26 | 7.4 | 8.1 | 9.9 | 9.1 | 9.8 | 8.2 | 8.8 | 3 | 5 | 9 | 2 | 0 | 2 | 3.5 | cc | — | sc | cs | — | sc | cs | — | cu | cs | — | cu | cs | — | — | cs | — | — |
| 27 | 9.0 | 8.8 | 10.1 | 12.4 | 12.0 | 12.8 | 10.9 | 6 | 10 | 10 | 10 | 10 | 10 | 9.3 | — | — | sc | — | — | sc | — | — | ns | — | — | sc | — | — | sc | — | — | sc |
| 28 | 13.2 | 14.8 | 16.0 | 17.2 | 16.7 | 16.2 | 15.7 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 29 | 15.9 | 15.9 | 18.1 | 18.6 | 17.1 | 15.9 | 16.9 | 10 | 10 | 10 | 10 | 0 | 10 | 8.3 | — | — | ns | — | — | ns | ci | — | sc,st | — | as | sc | — | — | — | — | — | ≡ |
| 30 | 14.4 | 12.5 | 9.8 | 8.3 | 8.5 | 7.9 | 10.2 | 10 | 3 | 10 | 3 | 4 | 0 | 5.0 | — | — | ≡ | — | — | sc | — | — | sc | — | — | cu | — | — | sc | — | — | — |
| 31 | 7.4 | 6.5 | 7.6 | 7.4 | 9.4 | 7.8 | 7.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | — | — | — | — | — | — | — | — | cu | — | — | cu | — | — | — | — | — | — |
| Mean | 12.1 | 11.7 | 13.0 | 13.3 | 13.1 | 12.4 | 12.6 | 6.5 | 7.1 | 7.5 | 7.3 | 6.1 | 6.2 | 6.7 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P. M. |
| 1 | 0.2 | 134 | (0.8) | | 94 | 96 | 80 | 78 | 89 | 88 | 88 | — | — | — | — | — | — | — | ◑,◊ | ◊ |
| 2 | — | 105 | (0.3) | | 96 | 96 | 94 | 89 | 94 | 97 | 94 | — | 0.1 | 1.3 | 0.8 | — | — | 2.2 | ☽,● | ●,≡ |
| 3 | 5.0 | 278 | (2.9) | | 99 | 98 | 96 | 65 | 88 | 93 | 90 | — | — | — | — | — | — | — | ≡,= | — |
| 4 | — | 43 | (0.2) | | 92 | 94 | 98 | 96 | 98 | 98 | 96 | — | 0.9 | 11.1 | 3.2 | 1.6 | 0.3 | 17.1 | ● | ● |
| 5 | 4.0 | 244 | 3.4 | | 95 | 93 | 75 | 57 | 65 | 71 | 76 | 0.6 | — | — | — | — | — | 0.6 | ◊ | ◊ |
| 6 | 7.0 | 312 | 2.5 | | 87 | 95 | 63 | 59 | 82 | 95 | 80 | — | — | — | — | — | — | — | ◑,◊ | ◊,☿ |
| 7 | — | 55 | (1.1) | | 97 | 97 | 92 | 96 | 97 | 97 | 96 | — | — | — | 2.1 | 2.8 | 5.2 | 10.1 | =,◑ | ● |
| 8 | 7.5 | 285 | 3.8 | | 95 | 81 | 59 | 66 | 69 | 82 | 75 | 0.3 | — | — | — | — | — | 0.3 | ◊ | ◊ |
| 9 | 9.3 | 357 | 3.5 | | 97 | 97 | 57 | 58 | 79 | 94 | 80 | — | — | — | — | — | — | — | ◑ | ◑ |
| 10 | 7.3 | 315 | 2.9 | | 94 | 94 | 69 | 63 | 86 | 91 | 83 | — | — | — | — | — | — | — | ᔕ | — |
| 11 | 6.3 | 296 | (4.2) | | 93 | 96 | 75 | 72 | 93 | 97 | 88 | — | 0.3 | — | — | 9.5 | — | 9.8 | ●,◊ | ☿,●,☾,☽ |
| 12 | 4.4 | 306 | (2.7) | | 98 | 98 | 76 | 50 | 84 | 90 | 83 | — | — | 4.6 | — | — | 0.1 | 4.7 | ≡,● | ● |
| 13 | 2.4 | 232 | (2.3) | | 94 | 95 | 85 | 65 | 87 | 93 | 87 | — | — | 0.0 | 0.0 | — | — | 0.0 | ● | ●,◑ |
| 14 | 4.0 | 237 | (2.0) | | 95 | 80 | 62 | 66 | 74 | 90 | 78 | 0.5 | 0.2 | 0.2 | 0.9 | 0.1 | — | 1.9 | ●,☽,◊ | ●,◑ |
| 15 | 9.9 | 342 | 3.0 | | 96 | 96 | 61 | 48 | 76 | 91 | 78 | — | — | — | — | — | — | — | ◑,◊ | ◑,◊ |
| 16 | 6.0 | 290 | (2.9) | | 97 | 99 | 79 | 63 | 87 | 92 | 86 | — | — | — | — | — | 0.1 | 0.1 | ≡,◑,◊ | ●,☿,◊ |
| 17 | 7.5 | 322 | 3.4 | | 96 | 96 | 61 | 50 | 68 | 75 | 74 | — | — | — | — | — | — | — | ●,=,≡,◊ | ◊,☤,◑ |
| 18 | — | 122 | (0.2) | | 92 | 93 | 77 | 70 | 85 | 91 | 85 | — | — | — | — | — | 0.0 | 0.0 | ◊,◑ | ● |
| 19 | — | 61 | (0.9) | | 95 | 96 | 96 | 91 | 90 | 89 | 93 | 1.4 | 5.0 | 7.5 | 2.3 | 1.7 | — | 17.9 | ● | ● |
| 20 | 7.5 | 317 | 2.5 | | 94 | 100 | 78 | 55 | 81 | 92 | 83 | — | — | — | — | — | — | — | ≡,◑,⊔,◊ | ◊,◑ |
| 21 | 1.7 | 172 | 1.8 | | 96 | 95 | 84 | 69 | 84 | 94 | 87 | — | — | — | — | — | — | — | ◑,ᔕ | ᔕ |
| 22 | 5.4 | 234 | (3.4) | | 93 | 96 | 66 | 56 | 75 | 71 | 76 | — | — | — | — | 3.1 | — | 3.1 | ◊ | ◊,● |
| 23 | 9.6 | 334 | (3.3) | | 80 | 90 | 52 | 48 | 73 | 87 | 72 | — | — | — | — | — | — | — | ◊ | ◑,◊ |
| 24 | — | 108 | (1.0) | | 92 | 80 | 89 | 69 | 69 | 79 | 80 | — | — | 0.6 | 1.5 | — | — | 2.1 | ● | ● |
| 25 | 3.3 | 165 | 2.0 | | 71 | 91 | 80 | 51 | 62 | 91 | 74 | — | — | — | — | — | — | — | ◊,ᔕ | ◊,◑ |
| 26 | 8.8 | 301 | (2.3) | | 94 | 97 | 66 | 49 | 82 | 89 | 80 | — | — | — | — | — | — | — | ◑,ᔕ | ◊,◑ |
| 27 | — | 70 | (0.0) | | 94 | 93 | 90 | 73 | 76 | 87 | 86 | — | — | 0.1 | 0.0 | — | — | 0.1 | ◑,ᔕ,● | ᔕ,● |
| 28 | — | 37 | (0.0) | | 97 | 97 | 97 | 95 | 97 | 99 | 97 | 2.3 | 5.2 | 4.0 | 4.6 | 0.1 | 15.8 | 32.0 | ● | ●,☈ |
| 29 | 0.4 | 139 | 1.1 | | 98 | 98 | 90 | 83 | 93 | 98 | 93 | 2.4 | 0.9 | 0.0 | — | — | — | 3.3 | ● | ≡ |
| 30 | 5.6 | 205 | 2.6 | | 98 | 84 | 63 | 54 | 69 | 71 | 73 | — | — | — | — | — | — | — | ≡ | — |
| 31 | 9.8 | 299 | 2.1 | | 88 | 96 | 62 | 43 | 81 | 90 | 77 | — | — | — | — | — | — | — | ⊔,⊟,◊ | ◊,◑ |
| | 132.9 | 6717 | 65.1 | | 93 | 94 | 77 | 66 | 82 | 89 | 83 | 7.5 | 12.6 | 29.4 | 15.4 | 18.9 | 21.5 | 105.3 | | |

# NOVEMBER, 1959.



| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 23.7 | 24.3 | 23.6 | 21.2 | 21.2 | 20.0 | 22.3 | 31.8 | 32.3 | 31.4 | 28.9 | 29.0 | 27.8 | 30.2 | 3.9 | 4.2 | 10.3 | 14.7 | 12.7 | 11.9 | 9.6 |
| 2 | 17.1 | 13.9 | 11.9 | 7.9 | 7.3 | 6.9 | 10.8 | 24.9 | 21.5 | 19.5 | 15.4 | 14.8 | 14.5 | 18.4 | 11.9 | 13.3 | 15.8 | 16.9 | 17.5 | 17.1 | 15.4 |
| 3 | 7.2 | 8.8 | 10.0 | 8.4 | 9.8 | 9.4 | 8.9 | 14.8 | 16.5 | 17.5 | 15.9 | 17.3 | 17.1 | 16.5 | 14.9 | 14.7 | 17.5 | 17.3 | 13.1 | 12.0 | 14.9 |
| 4 | 7.6 | 7.8 | 9.0 | 8.1 | 11.0 | 13.6 | 9.5 | 15.3 | 15.5 | 16.6 | 15.7 | 18.7 | 21.3 | 17.2 | 11.4 | 10.8 | 14.5 | 16.8 | 11.9 | 8.2 | 12.3 |
| 5 | 14.6 | 15.8 | 16.6 | 14.9 | 15.9 | 16.5 | 15.7 | 22.5 | 23.8 | 24.4 | 22.5 | 23.8 | 24.4 | 23.6 | 3.9 | 2.9 | 10.3 | 16.3 | 10.3 | 6.1 | 8.3 |
| 6 | 16.0 | 15.9 | 16.7 | 13.4 | 13.9 | 12.6 | 14.8 | 23.9 | 23.9 | 24.4 | 21.0 | 21.6 | 20.4 | 22.5 | 8.3 | 4.9 | 13.3 | 15.9 | 11.0 | 9.9 | 10.6 |
| 7 | 10.5 | 7.8 | 5.7 | 3.0 | 2.6 | 3.5 | 5.5 | 18.0 | 15.4 | 13.2 | 10.6 | 10.2 | 11.1 | 13.1 | 10.8 | 11.7 | 12.9 | 13.9 | 14.1 | 14.7 | 13.0 |
| 8 | 4.1 | 6.2 | 7.9 | 5.1 | 5.1 | 5.7 | 5.7 | 11.7 | 14.0 | 15.5 | 12.5 | 12.7 | 13.3 | 13.3 | 14.5 | 9.5 | 15.1 | 19.2 | 16.2 | 12.1 | 14.4 |
| 9 | 7.1 | 9.5 | 9.9 | 8.8 | 10.1 | 10.2 | 9.3 | 14.9 | 17.3 | 17.7 | 16.7 | 17.9 | 18.0 | 17.1 | 7.3 | 5.5 | 5.7 | 7.5 | 5.8 | 3.8 | 5.9 |
| 10 | 10.4 | 10.9 | 12.2 | 11.7 | 14.0 | 15.5 | 12.5 | 18.2 | 18.9 | 20.0 | 19.4 | 21.9 | 23.5 | 20.3 | 4.1 | 3.7 | 8.5 | 10.5 | 5.5 | 2.9 | 5.9 |
| 11 | 16·1 | 16.6 | 17.7 | 15.2 | 16.1 | 16.2 | 16.3 | 24.2 | 24.7 | 25.6 | 23.0 | 24.0 | 24.2 | 24.3 | 0.9 | −0.7 | 8.1 | 11.1 | 5.1 | 1.1 | 4.3 |
| 12 | 14.3 | 12.7 | 9.9 | 5.5 | 5.6 | 6.4 | 9.1 | 22.3 | 20.7 | 17.6 | 13.0 | 13.2 | 14.2 | 16.8 | −0.5 | −0.2 | 8.9 | 15.2 | 12.7 | 9.6 | 7.6 |
| 13 | 6.9 | 7.8 | 7.9 | 6.0 | 7.3 | 9.0 | 7.5 | 14.7 | 15.6 | 18.3 | 13.8 | 15.1 | 17.0 | 15.8 | 6.9 | 6.5 | 7.7 | 8.3 | 5.7 | 2.9 | 6.3 |
| 14 | 8.5 | 9.6 | 11.6 | 10.1 | 11.8 | 11.8 | 10.6 | 16.5 | 17.6 | 19.5 | 17.8 | 19.7 | 19.8 | 18.5 | 1.5 | −1.5 | 6.8 | 10.8 | 4.7 | 2.0 | 4.1 |
| 15 | 10.9 | 10.5 | 10.5 | 7.4 | 6.5 | 6.1 | 8.7 | 19.0 | 18.4 | 18.2 | 15.1 | 14.3 | 13.9 | 16.5 | 0.4 | 2.7 | 7.3 | 9.1 | 6.9 | 6.9 | 5.6 |
| 16 | 6.4 | 8.2 | 8.3 | 4.1 | 8.1 | 9.8 | 7.5 | 14.3 | 16.1 | 16.0 | 11.8 | 15.9 | 17.6 | 15.3 | 4.9 | 4.1 | 10.7 | 10.5 | 6.8 | 5.7 | 7.1 |
| 17 | 10.3 | 12.7 | 12.8 | 11.4 | 14.7 | 15.4 | 12.9 | 18.1 | 20.7 | 20.7 | 19.3 | 22.6 | 23.3 | 20.8 | 5.0 | 4.5 | 8.4 | 8.9 | 5.9 | 5.7 | 6.4 |
| 18 | 15.5 | 15.6 | 15.4 | 11.7 | 11.2 | 7.9 | 12.9 | 23.5 | 23.6 | 23.3 | 19.4 | 19.0 | 15.7 | 20.8 | 3.7 | 3.3 | 8.7 | 11.6 | 7.8 | 7.9 | 7.2 |
| 19 | 6.9 | 7.8 | 8.4 | 7.3 | 8.7 | 9.0 | 8.0 | 14.6 | 15.5 | 16.2 | 15.0 | 16.6 | 17.0 | 15.8 | 7.7 | 8.8 | 9.5 | 10.3 | 4.9 | 1.8 | 7.2 |
| 20 | 9.1 | 11.0 | 11.4 | 11.7 | 13.8 | 15.3 | 12.1 | 17.1 | 19.1 | 19.2 | 19.5 | 21.7 | 23.4 | 20.0 | −0.2 | 0.5 | 6.3 | 8.0 | 4.8 | 1.7 | 3.5 |
| 21 | 15.5 | 13.3 | 10.5 | 6.4 | 7.7 | 8.4 | 10.3 | 23.6 | 21.3 | 18.2 | 14.1 | 15.5 | 16.3 | 18.2 | −2.2 | −1.5 | 8.9 | 8.8 | 8.1 | 6.9 | 4.8 |
| 22 | 8.7 | 10.6 | 13.5 | 14.6 | 16.3 | 17.3 | 13.5 | 16.6 | 18.6 | 21.2 | 22.5 | 24.3 | 25.3 | 21.4 | 4.8 | 2.9 | 7.1 | 5.8 | 3.5 | 3.1 | 4.5 |
| 23 | 18.0 | 20.2 | 22.0 | 21.3 | 23.1 | 22.6 | 21.2 | 26.0 | 28.3 | 29.9 | 29.3 | 31.2 | 30.7 | 29.2 | 2.8 | 3.1 | 5.5 | 5.5 | 2.8 | 0.8 | 3.4 |
| 24 | 21.1 | 18.8 | 15.4 | 8.8 | 7.7 | 10.5 | 13.7 | 29.2 | 26.9 | 23.4 | 16.5 | 15.4 | 18.1 | 21.6 | −1.6 | −0.3 | 3.5 | 10.3 | 10.1 | 8.6 | 5.1 |
| 25 | 11.5 | 11.7 | 12.4 | 10.6 | 12.2 | 13.7 | 12.0 | 19.4 | 19.6 | 20.3 | 18.5 | 20.1 | 21.5 | 19.9 | 6.6 | 4.9 | 5.5 | 5.4 | 4.1 | 3.8 | 5.1 |
| 26 | 14.2 | 15.1 | 17.3 | 16.7 | 18.4 | 19.0 | 16.8 | 22.2 | 23.1 | 25.3 | 24.8 | 26.4 | 27.0 | 24.8 | 2.3 | 2.2 | 4.7 | 3.1 | 2.0 | 1.2 | 2.6 |
| 27 | 17.9 | 17.6 | 17.1 | 14.5 | 17.3 | 18.1 | 17.1 | 26.0 | 25.7 | 25.1 | 22.3 | 25.4 | 26.2 | 25.1 | 0.4 | −0.7 | 4.2 | 4.3 | 3.2 | −1.1 | 1.7 |
| 28 | 18.2 | 19.9 | 21.2 | 19.5 | 20.4 | 20.7 | 20.0 | 26.4 | 28.2 | 29.3 | 27.5 | 28.5 | 28.8 | 28.1 | −2.3 | −4.8 | 1.3 | 4.6 | 2.1 | 1.2 | 0.4 |
| 29 | 21.2 | 21.4 | 22.2 | 19.7 | 21.5 | 22.1 | 21.4 | 29.3 | 29.6 | 30.2 | 27.5 | 29.5 | 30.3 | 29.4 | 1.3 | 0.6 | 5.5 | 10.5 | 3.7 | −0.8 | 3.5 |
| 30 | 22.6 | 22.3 | 23.1 | 20.0 | 20.4 | 20.3 | 21.5 | 31.0 | 30.6 | 31.2 | 27.8 | 28.5 | 28.4 | 29.6 | −4.5 | −3.0 | 3.5 | 11.8 | 2.9 | −1.4 | 1.6 |
| 31 | | | | | | | | | | | | | | | | | | | | | |
| Mean | 13.1 | 13.5 | 13.7 | 11.5 | 12.7 | 13.1 | 12.9 | 21.0 | 21.4 | 21.6 | 19.2 | 20.5 | 21.0 | 20.8 | 4.3 | 3.8 | 8.5 | 10.8 | 7.5 | 5.5 | 6.7 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | Mean | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | 6 obs. | 24 h. |
| 1 | 15.2 | 3.0 | 9.1 | 12.2 | SSW | 1.5 | — | 0.0 | — | 0.2 | SE | 4.4 | SSE | 4.8 | S | 1.3 | 2.0 | 2.0 |
| 2 | 17.8 | 11.8 | 14.8 | 6.0 | — | 0.0 | — | 0.0 | SE | 9.4 | SSE | 10.8 | S | 6.1 | S | 4.4 | 5.1 | 6.4 |
| 3 | 18.4 | 11.7 | 15.1 | 6.7 | NW | 0.7 | NW | 2.2 | NNW | 8.0 | NNW | 5.2 | — | 0.0 | — | 0.0 | 2.7 | 3.0 |
| 4 | 17.7 | 5.5 | 11.6 | 12.2 | WNW | 2.2 | — | 0.0 | — | 0.0 | WNW | 3.4 | WNW | 2.4 | N | 2.8 | 1.8 | 1.6 |
| 5 | 16.6 | 2.4 | 9.5 | 14.2 | N | 1.5 | W | 1.5 | — | 0.2 | W | 0.9 | SSE | 3.2 | S | 0.9 | 1.4 | 1.7 |
| 6 | 17.0 | 4.7 | 10.9 | 12.3 | WNW | 1.5 | N | 0.4 | SE | 1.1 | S | 5.5 | — | 0.0 | — | 0·0 | 1.4 | 1.4 |
| 7 | 15.3 | 10.6 | 13.0 | 4.7 | NW | 0.7 | NNE | 0.4 | NNW | 2.8 | N | 4.8 | N | 5.2 | NNW | 6.1 | 3.3 | 3.4 |
| 8 | 19.8 | 9.0 | 14.4 | 10.8 | SSE | 4.0 | W | 1.5 | NW | 1.5 | SW | 4.2 | SSW | 5.2 | ENE | 0.4 | 2.8 | 3.6 |
| 9 | 11.1 | 2.9 | 7.0 | 8.2 | NW | 6.3 | NW | 6.7 | NNW | 7.8 | NNW | 2.6 | NNW | 3.6 | — | 0.0 | 4.5 | 4.4 |
| 10 | 11.4 | 2.1 | 6.8 | 9.3 | E | 3.2 | — | 0.0 | SE | 1.5 | NW | 4.4 | W | 3.8 | — | 0.0 | 2.2 | 2.6 |
| 11 | 11.4 | −0.9 | 5.3 | 12.3 | SSE | 2.0 | N | 0.9 | ENE | 0.4 | NNE | 2.8 | — | 0.0 | — | 0.0 | 1.0 | 0.9 |
| 12 | 15.9 | −0.7 | 7.6 | 16.6 | NW | 1.7 | — | 0.0 | ESE | 0.4 | SSE | 4.8 | S | 2.8 | N | 4.2 | 2.3 | 3.3 |
| 13 | 8.3 | 1.1 | 4.7 | 7.2 | NW | 9.4 | NW | 4.2 | N | 2.8 | W | 1.7 | WNW | 3.4 | — | 0.0 | 3.6 | 4.2 |
| 14 | 11.4 | −1.7 | 4.9 | 13.1 | NNE | 2.8 | NNE | 0.7 | E | 0.7 | W | 2.4 | — | 0.0 | NE | 1.5 | 1.4 | 1.6 |
| 15 | 9.8 | 0.3 | 5.1 | 9.5 | SE | 2.6 | WNW | 1.5 | WSW | 0.7 | WNW | 2.4 | S | 3.0 | ENE | 0.4 | 1.8 | 1.7 |
| 16 | 11.6 | 3.2 | 7.4 | 8.4 | ESE | 1.1 | SSE | 2.0 | — | 0.2 | NNW | 3.4 | NNW | 6.5 | N | 4.4 | 2.9 | 3.0 |
| 17 | 9.1 | 4.1 | 6.6 | 5.0 | NW | 9.1 | NW | 3.8 | WNW | 13.9 | WNW | 7.6 | SE | 1.5 | N | 1.7 | 6.3 | 6.6 |
| 18 | 12.7 | 2.6 | 7.7 | 10.1 | S | 2.0 | — | 0.2 | — | 0.0 | N | 1.1 | SSE | 2.2 | S | 3.2 | 1.5 | 1.6 |
| 19 | 11.0 | 1.0 | 6.0 | 10.0 | SSE | 2.4 | WNW | 5.9 | N | 3.8 | NNW | 6.3 | ENE | 2.4 | — | 0.0 | 3.5 | 2.5 |
| 20 | 9.0 | −1.4 | 3.8 | 10.4 | NW | 2.0 | NW | 1.7 | NNW | 2.0 | NNW | 6.1 | N | 5.0 | N | 0.4 | 2.9 | 3.3 |
| 21 | 9.0 | −2.4 | 3.3 | 11.4 | — | 0.0 | — | 0.0 | E | 2.2 | WSW | 3.6 | N | 4.2 | WNW | 6.7 | 2.8 | 2.9 |
| 22 | 7.8 | 2.6 | 5.2 | 5.2 | NNW | 4.2 | — | 0.0 | N | 2.8 | NNW | 5.0 | E | 1.3 | NNW | 7.1 | 3.4 | 4.2 |
| 23 | 6.0 | −1.6 | 2.2 | 7.6 | ESE | 2.8 | NNW | 6.9 | WNW | 3.8 | NNW | 7.4 | NW | 0.9 | W | 0.4 | 3.7 | 4.3 |
| 24 | 10.6 | −1.9 | 4.4 | 12.5 | W | 1.1 | N | 0.9 | SE | 3.2 | SSE | 6.3 | S | 4.4 | WSW | 2.2 | 3.0 | 3.0 |
| 25 | 7.4 | 2.7 | 5.1 | 4.7 | WNW | 5.2 | N | 4.8 | — | 0.2 | NNW | 3.2 | NNW | 3.0 | NW | 3.4 | 3.3 | 2.6 |
| 26 | 4.9 | 0.9 | 2.9 | 4.0 | NW | 3.4 | NNW | 6.1 | NW | 4.8 | NNW | 5.5 | WNW | 4.2 | — | 0.2 | 4.0 | 4.2 |
| 27 | 5.4 | −1.7 | 1.9 | 7.1 | NE | 0.9 | — | 0.0 | SE | 0.4 | — | 0.0 | N | 2.4 | N | 1.3 | 0.8 | 1.1 |
| 28 | 4.7 | −4.8 | 0.0 | 9.5 | N | 2.6 | N | 0.9 | N | 1.7 | ESE | 0.9 | WSW | 0.9 | N | 1.3 | 1.4 | 0.8 |
| 29 | 10.8 | −2.6 | 4.1 | 13.4 | NW | 1.5 | — | 0.0 | WNW | 1.3 | N | 0.7 | WSW | 2.2 | N | 0.9 | 1.1 | 1.0 |
| 30 | 11.8 | −4.0 | 3.9 | 15.8 | — | 0.0 | NW | 2.8 | — | 0.0 | — | 0.2 | — | 0.0 | — | 0.0 | 0.5 | 0.3 |
| 31 | | | | | | | | | | | | | | | | | | |
| Mean | 11.6 | 2.0 | 6.8 | 9.7 | | 2.6 | | 1.9 | | 2.6 | | 3.9 | | 2.8 | | 1.8 | 2.6 | 2.8 |

# NOVEMBER, 1959.



| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 7.7 | 7.8 | 10.2 | 11.6 | 11.2 | 11.6 | 10.0 | 7 | 10 | 10 | 10 | 10 | 10 | 9.5 | — | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | ns |
| 2 | 13.3 | 14.8 | 16.0 | 18.1 | 19.4 | 18.9 | 16.8 | 10 | 10 | 10 | 10 | 10 | 0 | 8.3 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | st |
| 3 | 16.4 | 14.5 | 13.3 | 13.1 | 13.1 | 12.8 | 13.9 | 6 | 8 | 10 | 10 | 10 | 10 | 9.0 | — | — | sc | cs | — | sc | cc | — | — | cs | — | — | — | as | — | — | as | — |
| 4 | 12.9 | 12.5 | 9.7 | 9.9 | 9.3 | 8.4 | 10.5 | 10 | 10 | 9 | 5 | 0 | 0 | 5.7 | — | — | ns | — | as | — | cc | ac | sc | cs,cc | — | sc | — | — | — | — | — | — |
| 5 | 7.5 | 7.2 | 8.8 | 8.2 | 10.0 | 8.5 | 8.4 | 0 | 0 | 0 | 0 | 0 | 10 | 1.7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | sc |
| 6 | 10.2 | 8.2 | 11.0 | 12.4 | 12.1 | 11.8 | 11.0 | 10 | 4 | 8 | 10 | 1 | 10 | 7.2 | — | — | sc | ci | — | — | ci | — | sc | cs,ci | — | sc | ci | — | sc | — | — | ns |
| 7 | 12.6 | 13.6 | 14.6 | 15.0 | 13.3 | 12.9 | 13.7 | 10 | 10 | 10 | 10 | 10 | 2 | 8.7 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | sc | — | — | sc |
| 8 | 12.0 | 10.6 | 12.0 | 9.5 | 10.3 | 12.4 | 11.1 | 1 | 2 | 6 | 10 | 10 | 10 | 6.5 | — | — | sc | — | — | sc | ci | — | sc | cs | — | sc | cs | — | sc | — | — | sc ns |
| 9 | 8.2 | 7.0 | 6.5 | 6.3 | 6.3 | 6.6 | 6.8 | 3 | 9 | 10 | 10 | 5 | 10 | 7.8 | — | — | sc | — | ac | st | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 10 | 6.8 | 7.1 | 6.5 | 6.2 | 6.9 | 6.4 | 6.7 | 10 | 8 | 7 | 3 | 3 | 2 | 5.5 | — | — | sc | — | — | sc | cc | — | sc,cu | — | — | sc,cu | — | — | sc | ci | — | — |
| 11 | 6.2 | 5.4 | 6.6 | 6.2 | 7.4 | 6.3 | 6.4 | 0 | 0 | 0 | 0 | 0 | 1 | 0.2 | — | — | — | — | — | cu | — | — | cu | — | — | cu | — | — | cu | — | — | sc |
| 12 | 5.5 | 5.9 | 9.0 | 11.1 | 10.5 | 9.4 | 8.6 | 7 | 10 | 1 | 2 | 10 | 10 | 6.7 | — | — | sc | — | — | sc | — | — | sc | — | — | cu | cs | — | sc | — | as | sc |
| 13 | 6.8 | 5.9 | 6.4 | 7.0 | 6.8 | 6.5 | 6.6 | 10 | 10 | 10 | 9 | 6 | 1 | 7.7 | — | as | sc | cs | as | sc | — | ac | sc | — | — | sc | — | — | sc | — | — | sc |
| 14 | 6.1 | 5.1 | 6.3 | 6.1 | 6.8 | 6.5 | 6.2 | 0 | 0 | 0 | 1 | 7 | 1 | 1.5 | — | — | — | — | — | cu | — | — | sc | — | — | cu | — | — | sc | — | — | cu |
| 15 | 5.8 | 6.8 | 8.0 | 10.1 | 9.5 | 9.4 | 8.3 | 1 | 10 | 10 | 10 | 2 | 4 | 6.2 | — | — | cu | cs | ac | sc | — | — | sc | — | — | ns | — | — | sc | — | — | sc |
| 16 | 8.4 | 7.8 | 8.4 | 8.5 | 7.8 | 6.3 | 7.9 | 4 | 6 | 5 | 10 | 10 | 7 | 7.0 | cs | — | sc | — | — | sc | ci | — | sc | — | — | ns | — | — | sc | — | — | sc,cu |
| 17 | 6.1 | 4.6 | 6.2 | 6.9 | 6.2 | 6.0 | 6.0 | 3 | 4 | 3 | 7 | 8 | 6 | 5.2 | — | — | sc | — | — | sc | — | — | cu | — | — | sc | — | — | sc | — | — | sc |
| 18 | 6.2 | 6.7 | 8.1 | 8.2 | 8.8 | 8.9 | 7.8 | 8 | 10 | 10 | 8 | 7 | 6 | 8.2 | — | — | sc | — | — | sc | ci,cc | ac | sc | — | — | sc | — | — | sc | ci | — | sc |
| 19 | 9.7 | 8.7 | 7.3 | 6.5 | 6.3 | 6.5 | 7.5 | 10 | 10 | 4 | 4 | 3 | 10 | 6.8 | — | — | ns | — | — | sc | — | — | sc | cs | — | sc | ci | — | — | cs | — | — |
| 20 | 5.6 | 5.8 | 6.1 | 6.3 | 5.4 | 5.0 | 5.7 | 4 | 6 | 6 | 5 | 2 | 0 | 3.8 | cc | — | — | — | — | sc | — | — | sc | — | — | sc,cu | — | — | sc | — | — | — |
| 21 | 4.8 | 5.3 | 7.4 | 8.7 | 9.1 | 7.7 | 7.2 | 10 | 10 | 8 | 10 | 10 | 8 | 9.3 | cs | — | — | — | as | — | cs | — | sc | — | — | sc,ns | — | — | ns | — | — | sc |
| 22 | 7.0 | 7.3 | 6.8 | 6.4 | 5.8 | 5.6 | 6.5 | 7 | 10 | 7 | 10 | 0 | 3 | 6.2 | — | — | sc | — | — | sc | — | — | sc | — | — | sc,ns | — | — | cu | — | — | sc |
| 23 | 5.6 | 5.6 | 6.0 | 6.4 | 5.6 | 6.0 | 5.9 | 4 | 10 | 5 | 5 | 4 | 10 | 6.3 | — | — | cu | — | — | st,sc | — | — | sc | — | — | sc | — | — | sc | cs | — | sc |
| 24 | 4.9 | 5.9 | 5.9 | 9.6 | 11.0 | 8.7 | 7.7 | 0 | 10 | 10 | 10 | 10 | 5 | 7.5 | — | — | — | — | as | — | — | as | ns | — | — | ns,sc | — | — | ns | — | — | sc |
| 25 | 7.4 | 7.3 | 7.6 | 7.0 | 6.8 | 5.5 | 6.9 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | ns | — | — | ns | — | — | sc | — | — | sc | — | — | sc |
| 26 | 4.5 | 4.3 | 4.8 | 4.7 | 5.0 | 4.4 | 4.6 | 10 | 9 | 9 | 10 | 10 | 10 | 9.7 | cs | — | sc | — | — | sc | — | — | sc,cu | — | — | ns,sc | — | — | st | — | — | st |
| 27 | 5.2 | 4.8 | 4.3 | 5.3 | 5.1 | 4.9 | 4.9 | 10 | 3 | 7 | 7 | 10 | 3 | 6.7 | — | — | st | — | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 28 | 4.7 | 4.1 | 4.7 | 4.8 | 5.8 | 6.0 | 5.0 | 0 | 10 | 1 | 10 | 10 | 10 | 6.8 | — | — | — | ci | ac | — | ci | — | sc | — | — | sc | — | — | sc | — | — | st |
| 29 | 5.9 | 5.9 | 6.1 | 5.8 | 6.3 | 5.4 | 5.9 | 10 | 10 | 1 | 0 | 0 | 0 | 3.5 | — | — | st | — | — | sc | — | — | sc | — | — | — | — | — | — | — | — | — |
| 30 | 4.1 | 4.8 | 5.9 | 6.2 | 6.2 | 5.1 | 5.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mean | 7.6 | 7.4 | 8.0 | 8.4 | 8.5 | 8.0 | 8.0 | 5.8 | 7.3 | 6.2 | 6.9 | 5.9 | 5.6 | 6.3 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P. M. |
| 1 | 1.2 | 209 | (1.1) | | 95 | 94 | 81 | 69 | 76 | 83 | 83 | — | — | — | — | — | 0.0 | 0.0 | ⊃,≤ | ◊,☽ |
| 2 | — | 5 | (0.8) | | 96 | 97 | 89 | 94 | 97 | 97 | 95 | 0.4 | 3.8 | 9.8 | 1.19 | 5.6 | 2.9 | 34.4 | ☽,●,↙ | ●,↙ |
| 3 | 1.3 | 177 | (2.3) | | 97 | 87 | 66 | 67 | 87 | 91 | 83 | — | — | — | — | — | — | — | ◊ | ◊ |
| 4 | 5.6 | 247 | 2.3 | | 95 | 96 | 59 | 52 | 66 | 77 | 74 | 2.2 | 1.8 | — | — | — | — | 4.0 | ≤,◊,● | ◊,⊃ |
| 5 | 9.0 | 264 | 2.3 | | 92 | 95 | 70 | 44 | 80 | 90 | 79 | — | — | — | — | — | — | — | ⊃,⊔,◊ | ◊,⊃ |
| 6 | 7.0 | 244 | (1.0) | | 94 | 94 | 72 | 68 | 92 | 96 | 86 | — | — | — | — | — | — | — | ⊃ | ≡,● |
| 7 | — | 29 | (1.5) | | 98 | 99 | 98 | 95 | 82 | 77 | 92 | 0.6 | 4.3 | 10.8 | 10.3 | 0.5 | — | 26.5 | ● | ● |
| 8 | 5.5 | 226 | (2.6) | | 73 | 89 | 70 | 43 | 56 | 88 | 70 | — | — | — | — | — | 0.1 | 0.1 | ◊,↙ | ◊,● |
| 9 | 0.9 | 125 | (1.5) | | 80 | 78 | 71 | 61 | 69 | 82 | 74 | 0.1 | — | 0.0 | — | — | — | 0.1 | ◊,● | ◊ |
| 10 | 4.6 | 220 | 1.9 | | 84 | 89 | 59 | 48 | 76 | 86 | 74 | — | 0.1 | — | — | — | — | 0.1 | ⊃,◊,● | ◊ |
| 11 | 8.9 | 251 | 2.0 | | 95 | 94 | 61 | 47 | 84 | 95 | 79 | — | — | — | — | — | — | — | ⊔,☲,◊ | ⊔,◊ |
| 12 | 7.9 | 222 | 2.8 | | 94 | 98 | 79 | 64 | 71 | 78 | 81 | — | — | — | — | — | — | — | ⊔,☲,≤ | ≤,↙ |
| 13 | — | 83 | 0.9 | | 69 | 60 | 61 | 64 | 74 | 86 | 69 | — | — | — | — | — | — | — | ◊,↙ | ◊ |
| 14 | 8.7 | 238 | 1.5 | | 90 | 93 | 63 | 47 | 80 | 92 | 78 | — | — | — | — | — | — | — | ◊,⊔,☲ | ◊,⊃ |
| 15 | 0.3 | 83 | (0.6) | | 93 | 92 | 78 | 88 | 96 | 95 | 90 | — | — | — | 0.3 | 2.2 | 1.1 | 3.6 | ⊔,☲,⌒ | ● |
| 16 | 4.2 | 157 | (2.0) | | 97 | 95 | 65 | 67 | 79 | 68 | 79 | 2.1 | — | — | 0.0 | 1.7 | — | 3.8 | ●,◊ | ●,↙ |
| 17 | 6.3 | 234 | 2.2 | | 70 | 54 | 56 | 60 | 67 | 66 | 62 | — | — | — | 0.0 | — | — | 0.0 | ◊,●,↙ | ◊,↙ |
| 18 | 3.6 | 147 | (1.7) | | 77 | 86 | 72 | 60 | 83 | 83 | 77 | — | — | — | — | — | — | — | ◊ | — |
| 19 | 4.2 | 180 | 1.4 | | 92 | 77 | 61 | 52 | 73 | 93 | 75 | 0.2 | 0.1 | — | — | — | — | 0.3 | ◊,● | ◊,⊔ |
| 20 | 6.4 | 209 | 1.8 | | 93 | 91 | 64 | 59 | 63 | 72 | 74 | — | — | — | — | — | — | — | ⊔,☲,◊ | ◊ |
| 21 | 1.0 | 90 | (1.9) | | 92 | 97 | 65 | 77 | 85 | 78 | 82 | — | — | — | 0.0 | 1.0 | 0.1 | 1.1 | ⊔,☲ | ● |
| 22 | 2.1 | 157 | 1.7 | | 81 | 97 | 67 | 70 | 74 | 74 | 77 | — | — | — | — | — | — | — | — | — |
| 23 | 2.2 | 174 | 1.5 | | 75 | 74 | 67 | 70 | 75 | 93 | 76 | — | — | — | — | — | — | — | ◊ | ◊,⊔ |
| 24 | 0.3 | 56 | (1.2) | | 91 | 98 | 75 | 77 | 89 | 78 | 85 | — | — | — | 0.0 | 0.3 | 0.6 | 0.9 | ⊔,☲ | ● |
| 25 | — | 25 | (1.5) | | 76 | 84 | 84 | 77 | 84 | 68 | 79 | — | 0.2 | 0.5 | 0.1 | — | — | 0.8 | ● | ◊ |
| 26 | 2.0 | 160 | 1.2 | | 62 | 59 | 56 | 61 | 71 | 66 | 63 | — | — | 0.0 | 0.0 | 0.0 | — | 0.0 | ◊,✳ | ◊,✳ |
| 27 | 1.3 | 132 | 1.2 | | 82 | 83 | 52 | 63 | 66 | 88 | 72 | — | — | — | — | — | — | — | ☲,◊ | ◊,☲,⊔ |
| 28 | 4.2 | 182 | 1.3 | | 92 | 95 | 70 | 57 | 82 | 90 | 81 | — | — | — | — | — | — | — | ⊔,☲,≤,◊ | ◊ |
| 29 | 6.7 | 171 | 1.7 | | 88 | 93 | 68 | 46 | 79 | 94 | 78 | — | — | — | — | — | — | — | ≤ | ◊,⊔,☲ |
| 30 | 8.4 | 210 | 1.6 | | 93 | 95 | 75 | 45 | 83 | 93 | 81 | — | — | — | — | — | — | — | ⊔,☲,≤ | ◊,☲,⊔ |
| 31 | | | | | | | | | | | | | | | | | | | | |
| | 113.8 | 4907 | 48.8 | | 87 | 88 | 69 | 63 | 78 | 84 | 78 | 5.6 | 10.3 | 21.1 | 22.6 | 11.3 | 4.8 | 75.7 | | |

# DECEMBER, 1959.

| Day | STATION PRESSURE (1000mb+) | | | | | | | M.S.L. PRESSURE (1000mb+) | | | | | | | AIR TEMPERATURE °C | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| 1 | 19.2 | 18.2 | 18.1 | 16.5 | 18.0 | 18.6 | 18.1 | 27.4 | 26.5 | 26.1 | 24.4 | 26.0 | 26.5 | 26.2 | -2.4 | -3.4 | 3.9 | 8.1 | 7.2 | 6.3 | 3.3 |
| 2 | 18.5 | 19.0 | 18.9 | 15.0 | 14.6 | 12.5 | 16.4 | 26.5 | 27.0 | 26.7 | 22.6 | 22.4 | 20.3 | 24.3 | 4.8 | 3.8 | 8.6 | 14.9 | 8.9 | 8.7 | 8.3 |
| 3 | 9.9 | 5.4 | 0.8 | 992.2 | 992.1 | 993.9 | 999.1 | 17.6 | 13.1 | 8.6 | 999.9 | 999.7 | 1.5 | 6.7 | 9.1 | 8.1 | 9.1 | 10.1 | 12.9 | 11.1 | 10.1 |
| 4 | 997.2 | 0.0 | 0.7 | 999.8 | 999.5 | 0.0 | 999.5 | 4.8 | 7.8 | 8.4 | 7.4 | 7.3 | 7.8 | 7.3 | 8.7 | 6.9 | 11.8 | 12.1 | 7.9 | 7.2 | 9.1 |
| 5 | 2.6 | 5.3 | 7.1 | 5.2 | 6.5 | 7.2 | 5.7 | 10.5 | 13.2 | 15.0 | 13.1 | 14.5 | 15.1 | 13.6 | 3.9 | 2.1 | 3.9 | 3.9 | 2.6 | 2.4 | 3.1 |
| 6 | 6.5 | 6.5 | 7.0 | 5.0 | 7.4 | 7.6 | 6.7 | 14.5 | 14.5 | 15.0 | 12.9 | 15.4 | 15.7 | 14.7 | 1.2 | 0.8 | 1.8 | 2.8 | 0.1 | -0.7 | 1.0 |
| 7 | 7.3 | 7.1 | 8.7 | 7.9 | 10.8 | 12.1 | 9.0 | 15.4 | 15.2 | 16.8 | 16.0 | 18.9 | 20.2 | 17.1 | -2.4 | -0.6 | 0.4 | 0.1 | -0.8 | -1.4 | -0.8 |
| 8 | 13.6 | 15.0 | 15.9 | 14.0 | 14.3 | 14.5 | 14.6 | 21.6 | 23.1 | 24.0 | 21.9 | 22.3 | 22.5 | 22.6 | -0.8 | -1.0 | 2.0 | 1.4 | -0.1 | -0.4 | 0.2 |
| 9 | 12.2 | 10.9 | 11.3 | 8.3 | 8.7 | 8.0 | 9.9 | 20.2 | 18.9 | 19.1 | 16.0 | 16.5 | 15.8 | 17.8 | 0.4 | 1.3 | 5.0 | 7.6 | 7.1 | 9.2 | 5.1 |
| 10 | 10.1 | 10.2 | 13.1 | 14.1 | 17.4 | 19.6 | 14.1 | 17.8 | 18.0 | 21.0 | 21.9 | 25.5 | 27.8 | 22.0 | 7.3 | 5.7 | 6.9 | 6.0 | 2.2 | -0.5 | 4.6 |
| 11 | 20.8 | 22.0 | 22.8 | 21.1 | 21.5 | 21.4 | 21.6 | 29.1 | 30.3 | 31.0 | 29.1 | 29.6 | 29.6 | 29.8 | -2.2 | -4.1 | 1.0 | 5.8 | 1.6 | -1.0 | 0.2 |
| 12 | 20.5 | 18.5 | 17.6 | 12.9 | 14.9 | 14.4 | 16.5 | 28.7 | 26.7 | 25.7 | 20.7 | 22.9 | 22.3 | 24.5 | -0.8 | -2.7 | 0.6 | 9.6 | 4.6 | 2.2 | 2.3 |
| 13 | 13.9 | 13.4 | 14.1 | 11.8 | 12.6 | 13.4 | 13.2 | 21.9 | 21.3 | 22.0 | 19.6 | 20.4 | 21.3 | 21.1 | 0.8 | 0.8 | 3.5 | 9.8 | 6.5 | 3.9 | 4.2 |
| 14 | 13.9 | 12.5 | 12.2 | 10.6 | 12.7 | 14.1 | 12.7 | 21.8 | 20.5 | 20.2 | 18.6 | 20.7 | 22.0 | 20.6 | 3.6 | 3.4 | 3.5 | 3.1 | 2.1 | 2.4 | 3.0 |
| 15 | 15.1 | 15.2 | 16.7 | 12.4 | 13.1 | 13.6 | 14.4 | 23.2 | 23.3 | 24.2 | 20.4 | 21.1 | 21.6 | 22.3 | 1.1 | 1.2 | 1.7 | 2.2 | 1.2 | -0.2 | 1.2 |
| 16 | 11.5 | 11.0 | 10.3 | 7.9 | 8.5 | 8.7 | 9.7 | 19.7 | 19.1 | 18.3 | 16.0 | 16.6 | 16.8 | 17.8 | -0.4 | -1.6 | -1.3 | -1.2 | -2.0 | -1.8 | -1.4 |
| 17 | 9.6 | 11.7 | 12.4 | 10.9 | 14.0 | 16.2 | 12.5 | 17.6 | 19.8 | 20.5 | 18.9 | 22.1 | 24.5 | 20.6 | -3.0 | -2.8 | -1.6 | 0.1 | -5.3 | -8.2 | -3.5 |
| 18 | 16.7 | 17.6 | 19.3 | 17.7 | 18.8 | 18.4 | 18.1 | 25.1 | 26.0 | 27.7 | 25.9 | 27.0 | 26.7 | 26.4 | -10.3 | -11.0 | -5.2 | -1.6 | -1.7 | -4.5 | -5.7 |
| 19 | 17.1 | 14.7 | 10.0 | 8.0 | 9.6 | 8.2 | 11.3 | 25.2 | 23.0 | 17.9 | 16.0 | 17.5 | 16.3 | 19.3 | -3.2 | -6.0 | 0.7 | 1.4 | 0.6 | -0.2 | -1.1 |
| 20 | 7.5 | 5.3 | 4.6 | 0.7 | 999.8 | 999.9 | 3.0 | 15.7 | 13.3 | 12.6 | 8.6 | 7.7 | 7.9 | 11.0 | -2.4 | -1.2 | 0.2 | 0.8 | -0.3 | -1.8 | -0.8 |
| 21 | 0.7 | 2.4 | 4.3 | 4.2 | 6.9 | 8.2 | 4.5 | 8.8 | 10.5 | 12.3 | 12.2 | 15.0 | 16.3 | 12.5 | -3.7 | -6.2 | -2.5 | -0.8 | -3.3 | -2.4 | -3.1 |
| 22 | 9.0 | 10.3 | 11.6 | 10.7 | 12.7 | 13.0 | 11.2 | 17.2 | 18.4 | 19.8 | 18.7 | 20.8 | 21.1 | 19.3 | -6.0 | -4.7 | -1.3 | 0.0 | -0.8 | -0.5 | -2.2 |
| 23 | 13.7 | 15.2 | 15.9 | 13.1 | 12.3 | 8.0 | 13.0 | 21.7 | 23.3 | 23.9 | 21.1 | 20.3 | 16.2 | 21.1 | -2.2 | -1.2 | 1.6 | 3.1 | -0.5 | -2.6 | -0.3 |
| 24 | 2.1 | 2.1 | 4.4 | 5.4 | 9.7 | 11.6 | 5.9 | 10.1 | 10.0 | 12.4 | 13.5 | 17.7 | 19.8 | 13.9 | 0.4 | 0.9 | 1.4 | -1.4 | -2.6 | -3.6 | -0.8 |
| 25 | 10.4 | 11.1 | 12.7 | 10.1 | 9.9 | 10.8 | 10.8 | 18.4 | 19.2 | 20.7 | 18.1 | 17.9 | 18.9 | 18.9 | -2.2 | -0.9 | 0.6 | 1.6 | 0.5 | -0.1 | -0.1 |
| 26 | 10.5 | 10.1 | 10.7 | 8.3 | 8.3 | 8.3 | 9.4 | 18.4 | 18.1 | 18.7 | 16.3 | 16.3 | 16.3 | 17.4 | 1.2 | 0.7 | 3.7 | 3.7 | 1.6 | 0.8 | 2.0 |
| 27 | 7.8 | 8.5 | 9.7 | 7.4 | 9.0 | 9.3 | 8.6 | 15.8 | 16.5 | 17.5 | 15.3 | 17.0 | 17.3 | 16.6 | 0.8 | 0.4 | 2.3 | 3.0 | 2.2 | -0.4 | 1.4 |
| 28 | 8.7 | 9.3 | 10.2 | 8.7 | 10.5 | 11.7 | 9.9 | 16.7 | 17.3 | 18.1 | 16.6 | 18.5 | 19.8 | 17.8 | 0.3 | -2.6 | 2.0 | 3.5 | 1.2 | -0.2 | 0.7 |
| 29 | 13.2 | 14.0 | 15.2 | 13.8 | 16.7 | 18.2 | 15.2 | 21.2 | 22.0 | 23.3 | 21.8 | 24.8 | 26.5 | 23.3 | -0.4 | -0.9 | 0.6 | 1.9 | -1.6 | -2.8 | -0.5 |
| 30 | 20.1 | 22.0 | 24.6 | 24.2 | 24.8 | 24.5 | 23.4 | 28.3 | 30.1 | 32.7 | 32.3 | 33.1 | 32.7 | 31.5 | -1.6 | -0.9 | 0.6 | 1.8 | -1.5 | -2.9 | -0.7 |
| 31 | 23.3 | 21.2 | 18.1 | 12.9 | 9.1 | 3.4 | 14.7 | 31.6 | 29.5 | 26.2 | 21.0 | 17.1 | 11.4 | 22.8 | -3.5 | -4.1 | -1.2 | 1.2 | 0.5 | 0.5 | -1.1 |
| Mean | 1.17 | 11.8 | 12.2 | 10.0 | 11.1 | 11.3 | 11.4 | 19.8 | 19.9 | 20.2 | 18.0 | 19.1 | 19.3 | 19.4 | -0.1 | -0.6 | 2.1 | 3.7 | 1.6 | 0.6 | 1.2 |

| Day | AIR TEMPERATURE °C | | | | DIRECTION AND VELOCITY (m.p.s.) OF THE WIND | | | | | | | | | | | | | | Mean | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Mean | Range | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | | | 6 obs. | 24 h. |
| 1 | 9.0 | -3.6 | 2.7 | 12.6 | NW | 1.1 | — | 0.0 | NNW | 0.4 | NNW | 1.7 | — | 0.0 | NNW | 1.5 | | | 0.8 | 0.7 |
| 2 | 15.0 | 3.3 | 9.2 | 11.7 | — | 0.0 | — | 0.0 | — | 0.2 | SSE | 4.4 | SSW | 2.6 | S | 2.2 | | | 1.6 | 1.7 |
| 3 | 13.2 | 7.9 | 10.6 | 5.3 | N | 1.5 | ESE | 0.4 | W | 0.7 | NNW | 2.6 | W | 3.8 | W | 8.9 | | | 3.0 | 1.3 |
| 4 | 13.8 | 6.1 | 10.0 | 7.7 | SSW | 1.5 | W | 9.1 | W | 7.1 | WSW | 5.2 | SSE | 5.5 | SSE | 4.0 | | | 5.4 | 4.5 |
| 5 | 6.3 | 2.0 | 4.2 | 4.3 | WNW | 6.1 | W | 9.6 | W | 6.9 | WNW | 5.7 | NW | 3.2 | N | 5.2 | | | 6.1 | 5.7 |
| 6 | 3.6 | -1.5 | 1.1 | 5.1 | — | 0.0 | NNW | 2.8 | N | 1.7 | NW | 2.6 | NNW | 1.7 | N | 1.5 | | | 1.7 | 1.8 |
| 7 | 2.8 | -3.0 | -0.1 | 5.8 | — | 0.2 | NW | 1.5 | WNW | 4.6 | WNW | 6.9 | WNW | 5.0 | NE | 4.4 | | | 3.8 | 3.3 |
| 8 | 2.7 | -2.3 | 0.2 | 5.0 | NNW | 4.6 | NW | 6.3 | NNW | 1.1 | NNW | 4.0 | W | 2.6 | SSE | 0.7 | | | 3.2 | 2.7 |
| 9 | 10.3 | 0.1 | 5.2 | 10.2 | — | 0.2 | — | 0.2 | NNW | 3.0 | NNW | 2.4 | N | 1.5 | NNE | 6.1 | | | 2.2 | 1.7 |
| 10 | 9.6 | -1.5 | 4.1 | 11.1 | NNE | 5.2 | ENE | 1.1 | NNW | 4.6 | WNW | 8.0 | NNW | 5.5 | NNW | 3.4 | | | 4.6 | 4.9 |
| 11 | 6.5 | -4.4 | 1.1 | 10.9 | N | 2.0 | — | 0.0 | NNW | 3.0 | NNW | 0.7 | — | 0.0 | NNW | 2.0 | | | 1.3 | 1.3 |
| 12 | 10.1 | -2.8 | 3.7 | 12.9 | NW | 1.3 | N | 0.4 | — | 0.0 | SSE | 6.1 | N | 0.7 | — | 0.2 | | | 1.5 | 1.2 |
| 13 | 9.8 | 0.2 | 5.0 | 9.6 | NW | 2.2 | NW | 2.6 | — | 0.2 | NNW | 1.3 | NNW | 3.0 | ENE | 1.7 | | | 1.8 | 1.7 |
| 14 | 4.2 | 1.9 | 3.1 | 2.3 | NNE | 2.0 | N | 4.2 | NW | 3.2 | N | 5.0 | NE | 1.7 | N | 3.4 | | | 3.3 | 3.4 |
| 15 | 2.3 | -0.4 | 1.0 | 2.7 | WNW | 3.4 | N | 4.2 | N | 1.3 | NNW | 2.8 | NW | 1.7 | — | 0.0 | | | 2.2 | 2.1 |
| 16 | 0.1 | -2.4 | -1.1 | 2.5 | N | 1.7 | NW | 3.4 | NNW | 2.6 | NNW | 4.4 | NW | 2.4 | N | 6.9 | | | 3.6 | 3.3 |
| 17 | 0.5 | -9.4 | -4.4 | 9.9 | N | 7.3 | NNW | 7.6 | NNW | 8.2 | NW | 1.5 | NW | 3.0 | — | 0.2 | | | 4.6 | 5.0 |
| 18 | -1.0 | -12.4 | -6.7 | 11.4 | NW | 0.9 | NW | 1.1 | — | 0.0 | NNE | 0.4 | NNW | 4.4 | E | 2.0 | | | 1.5 | 1.1 |
| 19 | 2.2 | -7.8 | -2.8 | 10.0 | SE | 2.2 | SSW | 0.7 | SSE | 8.9 | S | 0.9 | — | 0.2 | — | 0.2 | | | 2.2 | 2.7 |
| 20 | 1.1 | -3.8 | -1.3 | 4.9 | — | 0.0 | NE | 0.4 | N | 0.9 | N | 0.7 | N | 5.9 | NNW | 7.3 | | | 2.5 | 2.4 |
| 21 | 0.0 | -6.4 | -3.2 | 6.4 | NNW | 6.7 | N | 2.8 | N | 3.4 | NW | 5.2 | NNW | 1.5 | NNW | 2.4 | | | 3.7 | 3.5 |
| 22 | 0.8 | -6.4 | -2.8 | 7.2 | SSE | 1.7 | — | 0.0 | ESE | 1.5 | ESE | 1.3 | S | 2.2 | S | 2.2 | | | 1.5 | 1.7 |
| 23 | 3.5 | -3.9 | -0.2 | 7.4 | SE | 1.5 | W | 1.3 | ENE | 1.5 | — | 0.0 | — | 0.0 | — | 0.0 | | | 0.7 | 0.5 |
| 24 | 2.6 | -3.8 | -0.6 | 6.4 | SSE | 7.8 | WNW | 6.9 | WNW | 8.2 | WNW | 3.0 | NNW | 5.4 | N | 6.3 | | | 6.3 | 5.8 |
| 25 | 2.2 | -3.6 | -0.7 | 5.8 | ENE | 5.2 | NNE | 4.2 | ENE | 2.2 | ENE | 2.0 | — | 0.0 | WNW | 2.2 | | | 2.6 | 3.0 |
| 26 | 5.0 | -0.8 | 2.1 | 5.8 | NE | 2.4 | NE | 2.2 | N | 4.2 | N | 0.7 | N | 2.4 | W | 1.1 | | | 2.2 | 2.2 |
| 27 | 3.6 | -0.8 | 1.4 | 4.4 | ESE | 1.5 | S | 0.7 | SSE | 1.3 | NE | 2.0 | E | 2.2 | SSW | 2.4 | | | 1.7 | 1.9 |
| 28 | 4.6 | -2.8 | 0.9 | 7.4 | WSW | 0.4 | — | 0.0 | — | 0.0 | WNW | 5.5 | NW | 4.8 | N | 5.9 | | | 2.8 | 3.0 |
| 29 | 2.0 | -2.8 | -0.4 | 4.8 | NW | 5.9 | N | 8.7 | NNE | 4.4 | NNW | 4.0 | NNE | 3.4 | NNE | 5.2 | | | 5.3 | 6.1 |
| 30 | 2.2 | -3.2 | -0.5 | 5.4 | N | 6.1 | N | 6.1 | NNW | 5.2 | NW | 6.1 | NE | 1.1 | — | 0.0 | | | 4.1 | 4.2 |
| 31 | 1.4 | -4.6 | -1.6 | 6.0 | — | 0.0 | N | 1.5 | NNW | 0.4 | — | 0.0 | NW | 1.1 | — | 0.2 | | | 0.5 | 0.9 |
| Mean | 4.8 | -2.4 | 1.2 | 7.2 | | 2.7 | | 2.9 | | 2.9 | | 3.1 | | 2.5 | | 2.9 | | | 2.8 | 2.8 |

# DECEMBER, 1959.



| Day | VAPOUR PRESSURE (mb) | | | | | | | AMOUNT OF CLOUD (0—10) | | | | | | | FORMS OF CLOUD | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | 2 | | | 6 | | | 10 | | | 14 | | | 18 | | | 22 | | |
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 2 | 6 | 10 | 14 | 18 | 22 | Mean | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L |
| 1 | 4.8 | 4.4 | 6.7 | 7.4 | 8.8 | 8.6 | 6.8 | 0 | 0 | 9 | 10 | 10 | 10 | 6.5 | cs | — | — | cs | — | — | — | — | sc | — | — | sc | — | — | sc | cs | — | sc |
| 2 | 8.1 | 7.8 | 8.9 | 8.7 | 9.4 | 10.3 | 8.9 | 10 | 10 | 10 | 6 | 3 | 3 | 7.0 | cs | — | sc | — | — | sc | cs | — | — | cs | — | sc cu | ci | — | — | — | — | sc |
| 3 | 10.4 | 9.8 | 11.4 | 12.1 | 11.9 | 9.4 | 10.8 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | sc | — | — | ns | — | — | ns | — | — | ns | — | — | ns,st | cs | — | sc |
| 4 | 6.5 | 7.5 | 7.2 | 7.6 | 8.2 | 8.8 | 7.6 | 10 | 6 | 3 | 6 | 10 | 10 | 7.5 | cs | — | sc,ns | — | — | sc | — | — | sc | — | — | sc,st | — | — | st | — | — | ns |
| 5 | 6.7 | 5.9 | 6.9 | 6.5 | 6.1 | 5.6 | 6.3 | 5 | 10 | 10 | 7 | 4 | 10 | 7.7 | — | — | sc | — | — | ns | cs | — | ns sc | — | — | ns,sc | — | — | sc | — | — | ns |
| 6 | 6.1 | 5.3 | 5.2 | 5.6 | 5.7 | 5.4 | 5.6 | 10 | 9 | 10 | 10 | 10 | 10 | 9.8 | — | — | ns | — | — | sc | — | — | ns | — | — | ns,sc | — | — | ns | — | — | ns |
| 7 | 4.8 | 5.2 | 5.6 | 6.0 | 5.5 | 5.4 | 5.4 | 1 | 10 | 8 | 9 | 10 | 10 | 8.0 | — | — | sc | — | — | ns | cs | — | ns | — | — | ns sc | — | — | ns | — | — | ns |
| 8 | 5.6 | 5.1 | 5.0 | 6.1 | 5.7 | 5.9 | 5.6 | 8 | 10 | 9 | 10 | 3 | 10 | 8.3 | — | — | ns | ci | — | sc | — | — | sc | — | — | ns | — | — | sc | — | — | ≡,st |
| 9 | 6.2 | 6.6 | 8.1 | 9.8 | 8.6 | 8.4 | 8.0 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | — | ns | — | — | st | — | — | ns | — | — | st |
| 10 | 6.7 | 6.8 | 5.7 | 5.6 | 4.9 | 4.1 | 5.6 | 7 | 9 | 7 | 3 | 10 | 1 | 6.2 | — | — | sc,st | — | — | sc,st | — | — | sc,cu | ci | — | cu | — | — | sc | cs | — | — |
| 11 | 4.1 | 4.1 | 4.2 | 5.0 | 5.6 | 5.4 | 4.7 | 0 | 10 | 5 | 1 | 10 | 4 | 5.0 | — | — | — | ci | — | — | cs | — | sc | — | — | cu | — | — | sc | — | — | sc |
| 12 | 5.3 | 4.8 | 5.3 | 7.2 | 7.1 | 6.6 | 6.1 | 8 | 4 | 10 | 6 | 6 | 8 | 7.0 | — | — | sc | — | ac | sc | ci,cs | — | sc | ci | — | sc | — | — | sc | ci | — | — |
| 13 | 6.5 | 6.0 | 6.5 | 8.5 | 8.1 | 7.2 | 7.1 | 8 | 1 | 10 | 8 | 10 | 4 | 6.8 | cc | as | — | cc | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 14 | 7.2 | 7.0 | 6.8 | 6.6 | 6.6 | 5.9 | 6.7 | 9 | 10 | 10 | 10 | 10 | 10 | 9.8 | — | — | sc | — | — | sc | — | — | ns | — | — | ns | — | — | st | — | — | st |
| 15 | 5.8 | 5.4 | 5.4 | 5.3 | 5.5 | 5.7 | 5.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | st | — | — | st | — | as | — | — | as | — | — | as | — | — | — | ns |
| 16 | 5.8 | 5.2 | 5.4 | 5.3 | 5.0 | 4.6 | 5.2 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 17 | 3.7 | 3.4 | 3.3 | 3.5 | 3.7 | 3.0 | 3.4 | 10 | 9 | 0 | 2 | 4 | 4 | 4.8 | — | — | sc | — | — | sc | — | — | sc | cs | — | cu | cs | — | — | cs | — | — |
| 18 | 2.5 | 2.4 | 3.2 | 4.4 | 4.5 | 3.5 | 3.4 | 0 | 0 | 1 | 10 | 10 | 5 | 4.3 | — | — | — | — | — | — | — | — | st | — | — | ns | — | — | ns | — | — | sc |
| 19 | 4.4 | 3.7 | 4.7 | 6.1 | 6.2 | 5.8 | 5.2 | 9 | 10 | 10 | 10 | 10 | 10 | 9.8 | — | — | sc | cs | — | sc | — | — | st | — | — | ns | — | — | ns | — | — | st |
| 20 | 4.9 | 5.0 | 5.4 | 5.5 | 4.8 | 3.7 | 4.9 | 10 | 10 | 10 | 8 | 10 | 10 | 9.7 | — | — | sc,st | — | — | st | — | — | ns | cc | — | sc | ci | — | — | — | — | ns |
| 21 | 3.3 | 3.2 | 3.1 | 3.7 | 4.0 | 3.8 | 3.5 | 6 | 1 | 9 | 2 | 10 | 3 | 5.2 | — | — | sc | — | — | sc | cs | — | — | — | — | cu | — | — | st | cs | — | — |
| 22 | 3.7 | 4.1 | 5.0 | 5.9 | 5.5 | 5.5 | 5.0 | 10 | 10 | 10 | 10 | 10 | 10 | 10.0 | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns | — | — | ns |
| 23 | 5.1 | 5.1 | 5.0 | 5.2 | 5.5 | 4.9 | 5.1 | 10 | 10 | 8 | 9 | 10 | 6 | 8.8 | — | — | ns | — | — | ns | — | — | sc | — | — | sc,cu | — | — | sc | — | — | sc |
| 24 | 5.5 | 6.2 | 5.3 | 5.4 | 3.5 | 3.5 | 4.9 | 8 | 10 | 10 | 10 | 10 | 6 | 9.0 | — | — | sc | — | — | st sc | — | — | st | — | — | ns | — | — | st | — | — | sc |
| 25 | 3.9 | 4.3 | 4.6 | 4.4 | 5.3 | 4.3 | 4.5 | 10 | 10 | 8 | 10 | 10 | 0 | 8.0 | — | — | st | — | — | ns | — | — | sc,st | — | — | sc,cu | — | — | ns | — | — | — |
| 26 | 4.9 | 4.4 | 4.5 | 5.5 | 5.9 | 6.3 | 5.3 | 10 | 8 | 4 | 8 | 10 | 10 | 8.3 | — | — | ns | — | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | ns |
| 27 | 6.3 | 6.1 | 6.5 | 6.9 | 5.1 | 5.1 | 6.0 | 10 | 10 | 10 | 10 | 0 | 3 | 7.2 | — | — | ns | — | — | sc | — | — | ns | — | — | sc st | — | — | — | — | — | sc |
| 28 | 5.6 | 4.7 | 5.7 | 5.2 | 4.2 | 4.7 | 5.0 | 10 | 0 | 6 | 4 | 3 | 5 | 4.7 | — | — | st | cc | — | sc | — | — | sc | — | — | sc | — | — | sc | — | — | sc |
| 29 | 4.6 | 3.9 | 4.1 | 4.0 | 4.3 | 4.3 | 4.2 | 10 | 3 | 7 | 6 | 7 | 10 | 7.2 | — | — | st | — | — | sc | — | — | sc | cs | — | sc | — | — | sc | — | — | ns |
| 30 | 3.7 | 4.0 | 4.4 | 4.6 | 4.6 | 4.5 | 4.3 | 10 | 10 | 7 | 3 | 0 | 8 | 6.3 | — | — | st | — | — | st | — | — | sc | — | — | sc | — | — | — | — | — | sc |
| 31 | 4.3 | 4.2 | 5.0 | 4.9 | 5.6 | 5.7 | 5.0 | 0 | 7 | 10 | 10 | 10 | 10 | 7.8 | — | — | — | ci,cs,cc- | | — | — | as | — | — | as | — | — | as | — | — | — | ns |
| Mean | 5.4 | 5.2 | 5.6 | 6.1 | 6.0 | 5.7 | 5.7 | 7.7 | 7.6 | 8.1 | 7.7 | 8.1 | .74 | 7.8 | | | | | | | | | | | | | | | | | | |

| Day | Duration of Sunshine (in hours) | Total Solar and Sky Radiation (Cal/cm²) | Amount of Evaporation mm | | RELATIVE HUMIDITY % | | | | | | | PRECIPITATION mm | | | | | | | REMARKS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordinary | Large-sized | 2 | 6 | 10 | 14 | 18 | 22 | Mean | 22-2 | 2-6 | 6-10 | 10-14 | 14-18 | 18-22 | Total | A. M. | P. M. |
| 1 | 1.5 | 145 | 0.8 | | 94 | 93 | 83 | 69 | 87 | 90 | 86 | — | — | — | — | — | — | — | ⊔,⊟,≤ | — |
| 2 | 6.1 | 142 | (1.0) | | 94 | 97 | 80 | 51 | 83 | 91 | 83 | — | — | — | — | — | — | — | ≤ | ≤ |
| 3 | — | 5 | (1.1) | | 90 | 91 | 99 | 98 | 80 | 71 | 88 | — | — | 11.2 | 21.5 | 3.3 | 0.1 | 36.1 | ● | ● |
| 4 | 5.8 | 211 | (1.5) | | 57 | 75 | 52 | 54 | 77 | 87 | 67 | 1.0 | — | — | — | 0.1 | 1.4 | 2.5 | ●,◊ | ●,◤ |
| 5 | 6.6 | 180 | (1.2) | | 84 | 84 | 85 | 80 | 83 | 78 | 82 | 0.3 | 0.6 | 0.3 | 0.1 | 0.1 | 0.1 | 1.5 | ●,◤ | ●,✳ |
| 6 | 1.2 | 77 | (0.8) | | 92 | 81 | 75 | 75 | 93 | 94 | 85 | 0.2 | 0.1 | 0.0 | 0.0 | 1.0 | 0.6 | 1.9 | ✳ | ✳,≍,⊠,⊟ |
| 7 | 2.4 | 187 | (0.5) | | 93 | 87 | 90 | 98 | 96 | 99 | 94 | 0.0 | 0.2 | 1.2 | 0.5 | 0.9 | 0.6 | 3.4 | ⊟,✳,⊠ | ⊟,✳,⊠ |
| 8 | 1.2 | 102 | (0.0) | | 97 | 90 | 71 | 90 | 95 | 99 | 90 | 0.0 | 0.0 | — | 0.0 | 0.0 | — | 0.0 | ⊟,✳,⊠ | ⊟,✳,=,⊠ |
| 9 | 0.5 | 87 | (1.2) | | 98 | 98 | 93 | 94 | 86 | 72 | 90 | — | — | 0.3 | 0.2 | 0.7 | 0.4 | 1.6 | ⊟'● | ●,◤ |
| 10 | 6.9 | 176 | 2.3 | | 65 | 74 | 57 | 59 | 68 | 70 | 66 | — | — | — | — | — | — | — | — | ◊,⊟ |
| 11 | 7.0 | 194 | 1.7 | | 78 | 90 | 64 | 54 | 81 | 95 | 77 | — | — | — | — | — | — | — | ⊔,⊟,◊ | ◊,⊟,⊔ |
| 12 | 4.4 | 137 | 1.0 | | 92 | 96 | 82 | 60 | 84 | 92 | 84 | — | — | — | — | — | — | — | ⊔,⊟ | ⊃,⊍ |
| 13 | 1.9 | 113 | (0.8) | | 100 | 93 | 83 | 71 | 84 | 89 | 87 | — | — | — | — | — | — | — | ⊟,⊔ | — |
| 14 | — | 21 | (0.6) | | 91 | 89 | 89 | 86 | 93 | 81 | 88 | — | 0.5 | 0.6 | 0.2 | 0.3 | — | 1.6 | ● | ● |
| 15 | — | 41 | (0.3) | | 88 | 81 | 79 | 74 | 83 | 94 | 83 | — | — | — | — | — | 0.4 | 0.4 | — | ⊼●✳⊠⊟◊ |
| 16 | — | 35 | (0.9) | | 98 | 97 | 97 | 95 | 94 | 85 | 94 | 0.3 | 0.7 | 1.7 | 3.8 | 0.4 | 1.6 | 8.6 | ⊟,✳,⊼,⊠ | ⊟,✳,≈,⊠ |
| 17 | 6.4 | 176 | 1.5 | | 75 | 68 | 62 | 57 | 90 | 92 | 74 | 0.2 | — | — | — | — | — | 0.2 | ⊟,◊,◤,⊠ | ⊟,⊔,◊,⊠ |
| 18 | 4.8 | 168 | (1.8) | | 90 | 90 | 78 | 82 | 83 | 81 | 84 | — | — | — | 0.0 | 0.1 | 0.0 | 0.1 | ⊟,⊔,◊,⊠ | ⊟,✳,⊠,⊠ |
| 19 | — | 46 | (0.7) | | 91 | 95 | 72 | 90 | 97 | 96 | 90 | — | — | — | 0.6 | 0.7 | 0.1 | 1.4 | ⊟,⊠,◤ | ⊟,✳,⊠ |
| 20 | — | 50 | 1.3 | | 96 | 90 | 87 | 84 | 80 | 69 | 84 | — | — | 0.0 | 0.0 | — | 0.0 | 0.0 | ⊟,⊔,✳,⊠ | ⊟,✳,⊠ |
| 21 | 6.7 | 198 | (1.8) | | 70 | 83 | 61 | 62 | 83 | 74 | 72 | 0.0 | — | — | — | — | 0.0 | 0.0 | ⊟,⊠ | ⊟,✳,⊠ |
| 22 | 0.9 | 103 | (0.4) | | 94 | 96 | 89 | 96 | 95 | 94 | 94 | 0.2 | 2.2 | 1.2 | 0.3 | 0.2 | 0.5 | 4.6 | ⊟,✳,⊠,⊠ | ⊟,✳,⊠,⊠ |
| 23 | 3.0 | 158 | (0.5) | | 98 | 91 | 73 | 68 | 94 | 97 | 87 | 0.1 | 0.5 | 0.2 | — | 0.0 | — | 0.8 | ⊟,✳,⊠ | ⊟,⊔,✳,≡,⊠ |
| 24 | 2.1 | 132 | (1.3) | | 88 | 95 | 78 | 99 | 68 | 74 | 84 | — | 1.7 | 0.3 | 0.2 | 0.5 | — | 2.7 | ⊟✳≗●◹⊠ | ⊟,✳,⊠ |
| 25 | 0.1 | 88 | (1.3) | | 75 | 75 | 72 | 64 | 84 | 70 | 73 | — | 0.2 | 0.2 | — | 0.0 | 0.1 | 0.5 | ⊟,✳,⊠ | ⊟,✳,⊠ |
| 26 | 2.5 | 163 | (1.2) | | 73 | 69 | 57 | 68 | 87 | 97 | 75 | 0.0 | — | — | — | — | 0.2 | 0.2 | ⊟,◊,⊠ | ●,⊼,⊠ |
| 27 | 0.9 | 68 | (0.8) | | 97 | 97 | 90 | 90 | 71 | 85 | 88 | 0.3 | 0.1 | 0.0 | 1.3 | 0.1 | — | 1.8 | ●,≗,⊠ | ⊟,●,⊠ |
| 28 | 3.3 | 152 | (2.5) | | 89 | 93 | 80 | 67 | 63 | 79 | 79 | — | — | — | — | — | — | — | ⊟,⊟,⊠ | ⊟,⊠ |
| 29 | 6.7 | 174 | (1.5) | | 78 | 69 | 64 | 56 | 80 | 87 | 72 | 0.1 | 0.0 | — | — | — | 0.1 | 0.2 | ⊟,✳,⊠ | ⊟,✳,⊠,◤ |
| 30 | 4.6 | 155 | 1.4 | | 69 | 70 | 69 | 66 | 84 | 91 | 75 | 0.1 | — | 0.0 | — | — | — | 0.1 | ⊟,✳ | ⊟ |
| 31 | 1.3 | 81 | (1.0) | | 90 | 94 | 89 | 73 | 88 | 89 | 87 | — | — | — | — | — | 0.2 | 0.2 | ⊔,⊟ | ● |
| | 88.8 | 3765 | 34.7 | | 87 | 87 | 77 | 75 | 84 | 86 | 83 | 2.8 | 6.8 | 17.2 | 28.7 | 8.4 | 6.5 | 70.4 | | |

# 1959.



| Month | AIR PRESSURE (STATION) 1000 mb+ | | | | | | | | | | | AIR PRESSURE (Mean Sea Level) 1000 mb+ | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | Max. | Date | Min. | Date | 2 | 6 | 10 | 14 | 18 | 22 | Mean | Max. | Date | Min. | Date |
| January | 6.4 | 6.5 | 7.3 | 5.7 | 7.1 | 7.0 | 6.7 | 17.2 | 29 | 984.0 | 30 | 14.5 | 14.6 | 15.3 | 13.7 | 15.1 | 15.1 | 14.7 | 25.6 | 9 | 991.7 | 30 |
| February | 13.2 | 13.0 | 14.1 | 12.6 | 13.6 | 14.0 | 13.4 | 25.3 | 28 | 992.5 | 10 | 21.2 | 21.0 | 22.0 | 20.5 | 21.6 | 22.1 | 21.4 | 33.6 | 28 | 0.4 | 10 |
| March | 11.4 | 11.9 | 12.1 | 9.9 | 10.7 | 11.4 | 11.2 | 24.7 | 1 | 992.3 | 30 | 19.4 | 19.9 | 20.0 | 17.7 | 18.6 | 19.4 | 19.2 | 32.7 | 1 | 999.9 | 30 |
| April | 6.8 | 7.4 | 7.4 | 5.9 | 6.4 | 7.4 | 6.9 | 24.6 | 3 | 981.4 | 23 | 14.6 | 15.2 | 15.1 | 13.5 | 14.1 | 15.1 | 14.6 | 32.6 | 3 | 988.7 | 23 |
| May | 4.8 | 5.6 | 4.9 | 3.5 | 4.0 | 5.2 | 4.7 | 18.3 | 11 | 991.0 | 5 | 12.5 | 13.2 | 12.4 | 10.9 | 11.5 | 12.8 | 12.2 | 26.3 | 11 | 998.5 | 5 |
| June | 2.3 | 2.8 | 2.8 | 1.7 | 2.1 | 3.1 | 2.5 | 11.0 | 27 | 987.1 | 12 | 9.9 | 10.3 | 10.3 | 9.1 | 9.6 | 10.7 | 10.0 | 18.6 | 27 | 994.7 | 12 |
| July | 0.8 | 1.2 | 1.2 | 999.9 | 0.3 | 1.2 | 0.8 | 7.6 | 16 | 986.6 | 10 | 8.3 | 8.7 | 8.5 | 7.1 | 7.6 | 8.6 | 8.1 | 15.1 | 5, 16 | 993.8 | 10 |
| August | 1.3 | 1.9 | 1.6 | 0.5 | 0.9 | 1.9 | 1.3 | 10.3 | 12 | 986.5 | 10 | 8.7 | 9.3 | 8.9 | 7.7 | 8.2 | 9.3 | 8.7 | 17.7 | 12 | 994.0 | 10 |
| September | 4.7 | 4.9 | 5.4 | 4.3 | 5.2 | 6.0 | 5.1 | 15.9 | 30 | 975.2 | 27 | 12.2 | 12.4 | 12.8 | 11.6 | 12.6 | 13.5 | 12.5 | 23.7 | 30 | 982.3 | 27 |
| October | 10.3 | 10.9 | 11.2 | 9.4 | 10.5 | 11.0 | 10.5 | 23.3 | 31 | 999.7 | 5 | 18.1 | 18.7 | 18.8 | 16.9 | 18.2 | 18.7 | 18.2 | 31.3 | 31 | 7.3 | 5 |
| November | 13.1 | 13.5 | 13.7 | 11.5 | 12.7 | 13.1 | 12.9 | 24.4 | 1 | 2.2 | 7 | 21.0 | 21.4 | 21.6 | 19.2 | 20.5 | 21.0 | 20.8 | 32.6 | 1 | 9.8 | 7 |
| December | 11.7 | 11.8 | 12.2 | 10.0 | 11.1 | 11.3 | 11.4 | 25.5 | 30 | 991.0 | 3 | 19.8 | 19.9 | 20.2 | 18.0 | 19.1 | 19.3 | 19.4 | 33.7 | 30 | 998.6 | 3 |
| Annual | 7.2 | 7.6 | 7.8 | 6.2 | 7.0 | 7.7 | 7.3 | 25.5 | XII,30 | 975.2 | IX,27 | 15.0 | 15.4 | 15.5 | 13.8 | 14.7 | 15.5 | 15.0 | 33.7 | XII30 | 982.3 | IX,27 |

| Month | AIR TEMPERATURE °C | | | | | | | | | | | | | VAPOUR PRESSURE mb | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Mean | Mean | | | Absolute | | | | | | | | | |
| | | | | | | | | Max. | Min. | Range | Max. | Date | Min. | Date | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| January | -3.2 | -3.5 | -0.8 | 0.4 | -1.7 | -2.4 | -1.9 | 1.9 | -5.4 | 7.3 | 9.2 | 25 | -17.0 | 9 | 4.1 | 4.1 | 4.6 | 4.6 | 4.4 | 4.3 | 4.4 |
| February | -0.3 | -0.2 | 2.3 | 4.0 | 1.9 | 0.5 | 1.4 | 5.2 | -2.2 | 7.3 | 10.8 | 6 | - 8.0 | 2 | 5.2 | 5.0 | 5.3 | 5.5 | 5.4 | 5.3 | 5.3 |
| March | 1.7 | 1.3 | 5.9 | 7.7 | 4.7 | 2.9 | 4.0 | 8.8 | 0.2 | 8.7 | 14.4 | 30 | - 6.4 | 1 | 6.2 | 6.1 | 6.5 | 7.0 | 6.8 | 6.3 | 6.5 |
| April | 6.8 | 6.7 | 13.0 | 14.7 | 11.4 | 8.9 | 10.3 | 16.6 | 4.5 | 12.1 | 22.4 | 22, 30 | - 2.5 | 2 | 8.6 | 8.7 | 9.9 | 9.8 | 9.5 | 9.3 | 9.3 |
| May | 10.3 | 11.0 | 17.6 | 19.7 | 15.9 | 12.6 | 14.5 | 21.2 | 8.3 | 12.9 | 27.2 | 15, 21 | 1.9 | 8 | 11.1 | 11.4 | 12.6 | 12.5 | 12.5 | 12.2 | 12.1 |
| June | 15.3 | 15.8 | 18.8 | 20.4 | 18.3 | 16.0 | 17.4 | 21.5 | 14.3 | 7.2 | 27.7 | 28 | 10.1 | 10 | 16.2 | 16.4 | 16.9 | 17.8 | 17.2 | 16.4 | 16.8 |
| July | 18.8 | 19.0 | 23.6 | 25.9 | 23.2 | 20.4 | 21.8 | 26.9 | 17.7 | 9.2 | 32.4 | 30 | 14.4 | 26, 27 | 21.1 | 21.1 | 22.7 | 23.9 | 23.1 | 22.1 | 22.3 |
| August | 20.2 | 20.2 | 24.5 | 25.8 | 23.1 | 21.0 | 22.5 | 27.2 | 19.2 | 8.0 | 32.2 | 20 | 15.3 | 11 | 22.7 | 22.7 | 24.4 | 24.6 | 24.4 | 23.1 | 23.6 |
| September | 17.1 | 17.4 | 21.2 | 22.8 | 19.2 | 17.7 | 19.3 | 23.9 | 16.0 | 7.9 | 30.3 | 18 | 9.9 | 23 | 18.4 | 18.8 | 19.6 | 19.6 | 18.9 | 18.3 | 19.0 |
| October | 10.3 | 9.7 | 14.8 | 17.4 | 13.7 | 11.5 | 12.9 | 18.2 | 8.3 | 9.9 | 23.6 | 3, 11 | 1.3 | 31 | 12.1 | 11.7 | 13.0 | 13.3 | 13.1 | 12.5 | 12.6 |
| November | 4.3 | 3.8 | 8.5 | 10.8 | 7.5 | 5.5 | 6.7 | 11.6 | 2.0 | 9.7 | 19.8 | 8 | - 4.8 | 28 | 7.6 | 7.4 | 8.0 | 8.4 | 8.5 | 8.0 | 8.0 |
| December | -0.1 | -0.6 | 2.1 | 3.7 | 1.6 | 0.6 | 1.2 | 4.8 | -2.4 | 7.2 | 15.0 | 2 | -12.4 | 18 | 5.4 | 5.2 | 5.6 | 6.1 | 6.0 | 5.7 | 5.7 |
| Annual | 8.4 | 8.4 | 12.6 | 14.4 | 11.6 | 9.6 | 10.8 | 15.7 | 6.7 | 9.0 | 32.4 | VII30 | -17.0 | I 9 | 11.6 | 11.5 | 12.4 | 12.7 | 12.5 | 11.9 | 12.1 |

| Month | PRECIPITATION mm | | | | | | | | | | | RELATIVE HUMIDITY % | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | Sum | Maximum | | | | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
| | | | | | | | | 24 h | Date | 4 h | Date | | | | | | | |
| January | 9.9 | 14.7 | 10.4 | 6.8 | 4.0 | 11.0 | 56.8 | 11.9 | 31 | 9.0 | 31 | 85 | 86 | 79 | 74 | 81 | 84 | 81 |
| February | 16.9 | 21.5 | 14.6 | 4.9 | 4.4 | 12.4 | 74.7 | 18.2 | 20 | 10.2 | 20 | 85 | 82 | 74 | 68 | 76 | 82 | 78 |
| March | 19.5 | 19.3 | 12.2 | 24.2 | 28.2 | 18.6 | 122.0 | 18.6 | 22 | 8.5 | 22 | 88 | 89 | 70 | 67 | 78 | 84 | 79 |
| April | 12.4 | 12.1 | 17.6 | 23.6 | 14.7 | 24.3 | 104.7 | 26.6 | 23 | 14.4 | 23 | 83 | 85 | 65 | 58 | 68 | 78 | 73 |
| May | 10.1 | 2.0 | 0.7 | 6.3 | 9.5 | 16.6 | 45.2 | 9.9 | 4 | 8.4 | 4 | 87 | 85 | 63 | 55 | 68 | 82 | 73 |
| June | 13.7 | 32.2 | 21.9 | 22.3 | 31.0 | 22.3 | 143.4 | 49.2 | 2 | 19.4 | 2 | 92 | 91 | 76 | 74 | 81 | 90 | 84 |
| July | 20.5 | 31.7 | 32.4 | 32.5 | 92.3 | 27.8 | 237.2 | 51.3 | 6 | 41.6 | 13 | 96 | 95 | 78 | 73 | 81 | 92 | 86 |
| August | 9.1 | 2.8 | 40.3 | 42.0 | 27.9 | 35.1 | 157.2 | 46.9 | 26 | 27.6 | 26 | 95 | 95 | 80 | 75 | 86 | 92 | 87 |
| September | 24.4 | 24.1 | 15.0 | 10.0 | 30.6 | 6.6 | 110.7 | 27.6 | 27 | 15.8 | 8 | 93 | 94 | 78 | 71 | 84 | 90 | 85 |
| October | 7.5 | 12.6 | 29.4 | 15.4 | 18.9 | 21.5 | 105.3 | 32.0 | 28 | 15.8 | 28 | 93 | 94 | 77 | 66 | 82 | 89 | 83 |
| November | 5.6 | 10.3 | 21.1 | 22.6 | 11.3 | 4.8 | 75.7 | 34.4 | 2 | 11.9 | 2 | 87 | 88 | 69 | 63 | 78 | 84 | 78 |
| December | 2.8 | 6.8 | 17.2 | 28.7 | 8.4 | 6.5 | 70.4 | 36.1 | 3 | 21.5 | 3 | 87 | 87 | 77 | 75 | 84 | 86 | 83 |
| Annual | 152.4 | 190.1 | 232.8 | 239.3 | 281.2 | 207.5 | 1303.3 | 51.3 | VII, 6 | 41.6 | VII, 13 | 89 | 89 | 74 | 68 | 79 | 86 | 81 |

# 1959.



| Month | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MONTHLY MAXIMUM DAILY RANGE (WITH DATE) OF AIR TEMPERATURE (°C)** | | | | | | | | | | | | | |
| Max. | 16.0 | 14.0 | 16.5 | 20.2 | 21.3 | 13.2 | 15.7 | 12.3 | 13.5 | 15.2 | 16.6 | 12.9 | 21.3 |
| Date | 9 | 6 | 19 | 30 | 15,21 | 14 | 30 | 29 | 20 | 15 | 12 | 12 | V, 15, 21 |
| **VARIABILITY OF DAILY MEAN AIR TEMPERATURE (°C)** | | | | | | | | | | | | | |
| Mean | 1.8 | 1.8 | 1.9 | 2.5 | 1.7 | 1.4 | 1.2 | 1.4 | 1.5 | 2.0 | 2.0 | 2.0 | 1.8 |
| **FREQUENCY OF VARIATION** | | | | | | | | | | | | | |
| Rise ≤ −2° | 6 | 5 | 10 | 9 | 9 | 14 | 13 | 13 | 12 | 11 | 6 | 8 | 116 |
| Rise 2° — 4° | 5 | 5 | 5 | 6 | 7 | 2 | 3 | 4 | 1 | 5 | 5 | 2 | 50 |
| Rise 4° — 6° | — | 1 | 2 | 2 | — | 1 | — | — | 1 | — | 1 | 3 | 11 |
| Rise 6° — 8° | 1 | 1 | — | — | — | — | — | — | — | — | — | — | 2 |
| Rise 8° ≦ ≦ | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum | 12 | 12 | 17 | 17 | 16 | 17 | 16 | 17 | 14 | 16 | 12 | 13 | 179 |
| Fall ≤ −2° | 14 | 11 | 8 | 6 | 9 | 9 | 12 | 9 | 10 | 7 | 11 | 11 | 117 |
| Fall 2° — 4° | 4 | 5 | 5 | 4 | 6 | 4 | 3 | 4 | 6 | 5 | 5 | 5 | 56 |
| Fall 4° — 6° | 1 | — | 1 | 3 | — | — | — | 1 | — | 3 | — | 2 | 11 |
| Fall 6° — 8° | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fall 8° ≦ ≦ | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 |
| Sum | 19 | 16 | 14 | 13 | 15 | 13 | 15 | 14 | 16 | 15 | 17 | 18 | 185 |
| Stationary | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 |
| **MONTHLY MAXIMUM (WITH DATE) MINIMUM (WITH DATE) AND RANGE OF VAPOUR PRESSURE (mb)** | | | | | | | | | | | | | |
| Max. | 7.1 | 9.2 | 13.9 | 15.8 | 18.9 | 24.1 | 30.1 | 32.5 | 29.7 | 21.4 | 19.4 | 12.1 | 32.5 |
| Date | 30 | 17 | 30 | 27 | 5 | 28 | 23 | 16 | 1 | 4 | 2 | 3 | VIII, 16 |
| Min. | 1.5 | 3.2 | 3.3 | 4.0 | 5.7 | 10.0 | 16.3 | 16.5 | 10.5 | 6.5 | 4.1 | 2.4 | 1.5 |
| Date | 9 | 11 | 18 | 11 | 7 | 12 | 26 | 10 | 21 | 31 | 28,30 | 18 | I, 9 |
| Range | 5.6 | 6.0 | 10.6 | 11.7 | 13.2 | 14.1 | 13.8 | 16.0 | 19.2 | 14.9 | 15.3 | 9.7 | 31.0 |
| **MONTHLY MINIMUM (WITH DATE) OF RELATIVE HUMIDITY (%)** | | | | | | | | | | | | | |
| Min. | 50 | 41 | 32 | 30 | 25 | 45 | 45 | 52 | 40 | 42 | 40 | 46 | 25 |
| Date | 27 | 5, 8 | 18 | 19 | 3 | 3 | 30 | 5 | 21 | 31 | 30 | 11 | V, 3 |

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

| Month \ Hour | 2 | 6 | 10 | 14 | 18 | 22 | Maximum Vel. | Maximum Dir. | Maximum Date | Mean for 24 h | No. of Days with Gale m.p.s. 10—15 | m.p.s. 15—29 | m.p.s. ≧29 | Sum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 2.8 | 2.7 | 3.1 | 3.7 | 2.9 | 2.5 | 17.6 | W | 31 | 2.9 | 10 | 2 | — | 12 |
| February | 2.2 | 2.5 | 2.1 | 3.6 | 2.9 | 1.9 | 15.8 | W | 11 | 2.5 | 3 | 1 | — | 4 |
| March | 1.7 | 1.5 | 2.8 | 5.3 | 3.5 | 2.3 | 19.6 | WNW | 3 | 2.8 | 8 | 1 | — | 9 |
| April | 2.6 | 2.4 | 4.5 | 7.2 | 5.3 | 3.8 | 20.4 | W | 11 | 4.4 | 10 | 7 | — | 17 |
| May | 1.4 | 1.2 | 2.9 | 5.0 | 4.6 | 2.2 | 18.7 | W | 2 | 2.9 | 11 | 1 | — | 12 |
| June | 1.8 | 1.8 | 2.9 | 4.2 | 4.2 | 2.6 | 12.4 | N | 11 | 2.9 | 3 | — | — | 3 |
| July | 1.1 | 1.1 | 2.4 | 3.5 | 3.3 | 2.1 | 9.1 | W | 9 | 2.2 | — | — | — | — |
| August | 1.8 | 1.5 | 2.5 | 3.9 | 3.4 | 2.4 | 13.2 | SE | 14 | 2.6 | 1 | — | — | 1 |
| September | 1.6 | 2.1 | 2.6 | 3.8 | 3.3 | 2.6 | 27.4 | SSE | 27 | 2.7 | 2 | 1 | — | 3 |
| October | 1.0 | 1.2 | 1.8 | 2.9 | 2.3 | 1.6 | 10.0 | W | 11 | 1.9 | 1 | — | — | 1 |
| November | 2.6 | 1.9 | 2.6 | 3.9 | 2.8 | 1.8 | 15.0 | WNW | 17 | 2.8 | 5 | 1 | — | 6 |
| December | 2.7 | 2.9 | 2.9 | 3.1 | 2.5 | 2.9 | 13.2 | N | 17 | 2.8 | 7 | — | — | 7 |
| Annual | 1.9 | 1.9 | 2.8 | 4.2 | 3.4 | 2.4 | 27.4 | SSE | IX,27 | 2.8 | 61 | 14 | — | 75 |

**CLOUD AMOUNT (0—10)**

| Month \ Hour | 2 | 6 | 10 | 14 | 18 | 22 | Mean |
|---|---|---|---|---|---|---|---|
| January | 7.0 | 7.8 | 7.9 | 8.2 | 6.5 | 7.9 | 7.5 |
| February | 7.1 | 7.7 | 8.0 | 7.7 | 6.2 | 6.6 | 7.2 |
| March | 6.6 | 6.9 | 7.0 | 8.2 | 6.3 | 6.7 | 7.0 |
| April | 5.4 | 7.2 | 7.3 | 7.7 | 6.7 | 5.2 | 6.6 |
| May | 6.3 | 7.0 | 6.6 | 7.1 | 7.7 | 6.8 | 6.9 |
| June | 9.5 | 9.0 | 9.1 | 9.4 | 8.8 | 8.6 | 9.1 |
| July | 6.7 | 8.8 | 7.9 | 8.3 | 8.3 | 6.6 | 7.8 |
| August | 9.4 | 9.8 | 8.7 | 8.8 | 9.0 | 8.5 | 9.0 |
| September | 8.1 | 9.2 | 9.0 | 8.3 | 8.3 | 8.6 | 8.6 |
| October | 6.5 | 7.1 | 7.5 | 7.3 | 6.1 | 6.2 | 6.7 |
| November | 5.8 | 7.3 | 6.2 | 6.9 | 5.9 | 5.6 | 6.3 |
| December | 7.7 | 7.6 | 8.1 | 7.7 | 8.1 | 7.4 | 7.8 |
| Annual | 7.2 | 8.0 | 7.8 | 8.0 | 7.3 | 7.1 | 7.6 |

# 1959.



## NUMBER OF OBSERVATIONS OF THE WIND FROM

| Dir. / Month | N | NNE | NE | ENE | E | ESE | SE | SSE | S | SSW | SW | WSW | W | WNW | NW | NNW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 21 | 2 | 6 | 1 | 2 | 3 | 6 | 10 | 10 | 1 | 2 | 3 | 10 | 14 | 18 | 31 | 46 |
| February | 15 | 3 | 7 | 5 | 5 | 3 | 3 | 10 | 4 | 3 | 3 | 5 | 1 | 15 | 14 | 35 | 37 |
| March | 15 | 3 | 3 | 4 | 2 | 2 | 2 | 16 | 17 | 5 | 3 | 5 | 11 | 22 | 13 | 17 | 46 |
| April | 9 | 2 | 5 | — | 1 | 1 | 11 | 26 | 19 | 1 | 4 | 11 | 23 | 10 | 10 | 9 | 38 |
| May | 14 | 4 | 4 | 4 | 2 | 1 | 4 | 25 | 22 | 9 | 1 | 4 | 11 | 12 | 10 | 18 | 41 |
| June | 14 | 7 | 1 | 5 | 1 | 2 | 18 | 50 | 25 | 8 | 1 | 4 | 6 | 2 | 2 | 15 | 19 |
| July | 12 | 9 | 5 | 3 | 1 | 2 | 10 | 32 | 29 | 9 | 1 | 7 | 8 | 8 | 9 | 13 | 28 |
| August | 8 | 1 | 2 | 1 | 5 | 2 | 23 | 37 | 28 | 5 | 5 | 2 | 7 | 5 | 11 | 18 | 26 |
| September | 11 | 4 | 1 | 2 | 4 | 4 | 11 | 32 | 22 | 16 | 6 | 5 | 7 | 5 | 13 | 17 | 20 |
| October | 16 | 4 | 3 | 5 | — | 3 | 3 | 16 | 14 | 5 | 3 | — | 9 | 11 | 14 | 20 | 60 |
| November | 26 | 4 | 2 | 4 | 4 | 4 | 8 | 10 | 10 | 2 | 1 | 5 | 8 | 15 | 20 | 21 | 36 |
| December | 29 | 8 | 7 | 6 | 2 | 4 | 2 | 9 | 6 | 4 | — | 2 | 10 | 12 | 21 | 33 | 31 |
| Annual | 190 | 51 | 46 | 40 | 29 | 31 | 101 | 273 | 206 | 68 | 30 | 53 | 111 | 131 | 155 | 247 | 428 |

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

| Dir. / Month | N | NNE | NE | ENE | E | ESE | SE | SSE | S | SSW | SW | WSW | W | WNW | NW | NNW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 3.1 | 3.2 | 1.9 | 1.7 | 1.6 | 1.7 | 0.9 | 4.4 | 4.0 | 2.6 | 1.0 | 4.9 | 8.2 | 5.1 | 3.9 | 3.9 |
| February | 3.3 | 1.9 | 1.8 | 2.7 | 1.4 | 2.5 | 2.0 | 3.5 | 4.2 | 0.7 | 1.5 | 3.6 | 2.2 | 3.5 | 3.0 | 4.2 |
| March | 3.9 | 1.7 | 1.1 | 1.2 | 0.6 | 0.8 | 1.2 | 3.6 | 4.3 | 1.6 | 3.7 | 2.2 | 4.3 | 5.6 | 4.0 | 4.1 |
| April | 2.6 | 1.2 | 2.6 | — | 0.7 | 1.3 | 6.7 | 7.8 | 5.4 | 1.1 | 7.5 | 4.5 | 7.7 | 3.5 | 3.3 | 3.2 |
| May | 3.5 | 2.4 | 2.8 | 1.6 | 1.3 | 2.2 | 1.2 | 4.8 | 8.5 | 2.7 | 1.7 | 3.7 | 3.4 | 3.9 | 4.3 | 3.4 |
| June | 3.0 | 1.8 | 0.7 | 2.4 | 0.7 | 3.3 | 3.2 | 3.6 | 3.5 | 2.4 | 1.1 | 0.6 | 4.3 | 0.6 | 2.0 | 4.9 |
| July | 2.9 | 1.6 | 1.8 | 1.6 | 0.7 | 1.3 | 1.6 | 4.0 | 3.0 | 2.8 | 0.7 | 3.8 | 1.3 | 1.5 | 2.0 | 2.1 |
| August | 1.7 | 0.4 | 2.7 | 0.7 | 1.1 | 2.2 | 4.2 | 3.7 | 3.2 | 2.3 | 0.9 | 0.6 | 2.1 | 2.1 | 1.9 | 3.3 |
| September | 2.7 | 0.8 | 3.4 | 2.8 | 1.1 | 1.6 | 2.4 | 4.5 | 3.0 | 2.1 | 2.9 | 5.2 | 3.1 | 3.7 | 2.2 | 2.5 |
| October | 2.7 | 3.0 | 1.2 | 1.4 | — | 1.7 | 1.0 | 3.4 | 3.1 | 2.3 | 1.4 | — | 1.6 | 3.2 | 2.5 | 3.1 |
| November | 2.4 | 1.7 | 1.2 | 0.9 | 1.9 | 1.3 | 3.0 | 4.3 | 3.4 | 3.4 | 4.2 | 1.9 | 1.7 | 4.4 | 3.6 | 5.2 |
| December | 3.5 | 3.9 | 2.0 | 2.3 | 2.1 | 1.2 | 1.9 | 4.5 | 1.6 | 1.8 | — | 2.8 | 5.1 | 5.5 | 2.9 | 3.4 |
| Annual | 3.0 | 2.1 | 2.0 | 1.8 | 1.3 | 1.7 | 3.2 | 4.3 | 3.6 | 2.2 | 2.7 | 3.4 | 4.5 | 4.1 | 3.1 | 3.7 |

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

| Dir. / Month | 2 | | 6 | | 10 | | 14 | | 18 | | 22 | | General | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | N 58° W | 1.5 | N 41° W | 1.0 | N 74° W | 1.3 | N 45° W | 2.8 | N 47° W | 1.6 | N 50° W | 0.9 | N 52° W | 1.5 |
| February | N 34° W | 0.9 | N 15° W | 1.9 | N 37° W | 1.6 | N 39° W | 1.8 | N 40° W | 1.2 | N 17° E | 0.6 | N 29° W | 1.3 |
| March | N 33° W | 1.0 | N 27° W | 0.9 | S 78° W | 0.9 | S 88° W | 3.1 | N 68° W | 1.1 | N 65° W | 1.0 | N 72° W | 1.2 |
| April | S 18° W | 0.8 | S 43° W | 0.7 | S 13° W | 1.4 | S 35° W | 3.8 | S 23° W | 2.6 | S 47° W | 1.9 | S 31° W | 1.8 |
| May | N 68° W | 0.7 | N 23° W | 0.7 | S 77° W | 1.1 | S 36° W | 1.5 | S 11° E | 1.6 | S 30° W | 0.4 | S 50° W | 0.6 |
| June | S 34° E | 0.5 | S 52° E | 0.4 | S 15° E | 0.6 | S 22° E | 1.6 | S 7° E | 2.0 | S 22° E | 1.6 | S 19° E | 1.1 |
| July | S 17° E | 0.3 | S 4° E | 0.3 | S 33° W | 0.3 | S 5° W | 1.5 | S 3° W | 1.3 | S 12° E | 1.3 | W | 0.8 |
| August | S 11° E | 0.9 | S 22° W | 0.3 | S 22° E | 1.1 | S 23° E | 1.3 | S 24° E | 2.0 | S 12° E | 1.6 | S 17° E | 1.2 |
| September | S 48° E | 0.4 | S 6° E | 0.5 | S 28° W | 0.9 | S 27° W | 1.7 | S 5° E | 1.3 | S 12° W | 1.3 | S 10° W | 1.0 |
| October | N 13° W | 0.3 | N 16° W | 0.5 | N 31° W | 1.1 | S 50° W | 0.5 | S 66° W | 0.5 | N 51° W | 0.5 | N 54° W | 0.4 |
| November | N 42° W | 1.1 | N 38° W | 1.6 | N 27° W | 1.1 | N 50° W | 1.3 | N 84° W | 0.5 | N 30° W | 1.0 | N 41° W | 1.1 |
| December | N 9° W | 1.1 | N 33° W | 2.1 | N 36° W | 1.6 | N 47° W | 1.9 | N 32° W | 1.5 | N 8° W | 1.6 | N 29° W | 1.6 |
| Annual | N 57° W | 0.3 | N 38° W | 0.6 | N 87° W | 0.5 | S 67° W | 1.1 | S 32° W | 0.7 | S 48° W | 0.4 | S 79° W | 0.5 |

# 1959.



## NUMBER OF DAYS WITH PRECIPITATION (Separated by Amount)

| Amount \ Month | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <0.1 mm | 3 | 3 | 1 | 1 | 1 | 3 | — | 4 | 7 | 2 | 3 | 3 | 31 |
| 0.1— 1 | 9 | 7 | 7 | 4 | 6 | 7 | 3 | 4 | 5 | 4 | 6 | 9 | 71 |
| 1— 3 | 6 | 4 | 3 | 4 | 3 | 6 | 5 | 2 | 4 | 3 | 1 | 8 | 49 |
| 3— 5 | 3 | 1 | 3 | — | 1 | 1 | 2 | 1 | — | 3 | 3 | 2 | 20 |
| 5— 10 | 3 | 4 | 2 | 2 | 4 | 1 | 2 | 3 | 1 | 1 | — | 1 | 24 |
| 10— 15 | 1 | 1 | 3 | 2 | — | — | 1 | — | 1 | 1 | — | — | 10 |
| 15— 20 | — | 1 | 3 | — | — | 2 | — | — | 2 | 2 | — | — | 10 |
| 20— 25 | — | — | — | 1 | — | — | — | 1 | 1 | — | — | — | 3 |
| 25— 30 | — | — | — | 1 | — | — | — | 2 | 1 | — | 1 | — | 5 |
| 30— 35 | — | — | — | — | — | — | 3 | — | — | 1 | 1 | — | 5 |
| 35— 40 | — | — | — | — | — | 1 | — | — | — | — | — | 1 | 2 |
| 40— 45 | — | — | — | — | — | — | 1 | — | — | — | — | — | 1 |
| 45— 50 | — | — | — | — | — | 1 | — | 1 | — | — | — | — | 2 |
| 50— 60 | — | — | — | — | — | — | 1 | — | — | — | — | — | 1 |
| 60— 70 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 70— 80 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 80— 90 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 90—100 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 100—≦ | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | 25 | 21 | 22 | 15 | 15 | 22 | 18 | 18 | 22 | 17 | 15 | 24 | 234 |

## EARTH TEMPERATURE °C

| Month | Surface | | | | | | Mean | Depth (m) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 6 | 10 | 14 | 18 | 22 | | 0.05 | 0.1 | 0.2 | 0.3 | 0.5 | 1.0 | 2.0 | 3.0 | 5.0 | 6.0 |
| January | −0.2 | −0.3 | 0.4 | 1.5 | 0.1 | 0.0 | 0.3 | 0.5 | 0.6 | 1.4 | 2.3 | 3.8 | 6.3 | 11.2 | 12.8 | 13.3 | 13.1 |
| February | 1.1 | 0.8 | 3.6 | 6.2 | 2.5 | 1.3 | 2.6 | 2.5 | 2.3 | 2.5 | 2.9 | 3.5 | 5.0 | 9.7 | 11.8 | 12.8 | 12.9 |
| March | 2.9 | 2.4 | 10.2 | 11.5 | 5.9 | 3.9 | 6.1 | 5.8 | 5.6 | 5.3 | 5.4 | 5.2 | 5.9 | 8.9 | 10.9 | 12.3 | 12.7 |
| April | 7.8 | 7.5 | 16.8 | 17.1 | 12.0 | 9.5 | 11.8 | 11.6 | 11.4 | 10.8 | 10.4 | 9.3 | 8.6 | 9.0 | 10.4 | 11.8 | 12.3 |
| May | 12.7 | 12.7 | 22.5 | 22.0 | 16.8 | 14.1 | 16.8 | 16.5 | 16.4 | 15.7 | 15.1 | 13.5 | 12.0 | 10.1 | 10.5 | 11.5 | 12.0 |
| June | 16.9 | 17.1 | 22.0 | 23.1 | 19.7 | 17.6 | 19.4 | 19.5 | 19.3 | 18.5 | 18.0 | 16.7 | 15.0 | 11.6 | 11.1 | 11.5 | 11.9 |
| July | 21.4 | 21.5 | 26.8 | 28.9 | 25.1 | 22.6 | 24.4 | 24.2 | 23.7 | 22.8 | 22.0 | 20.5 | 18.2 | 13.2 | 12.0 | 12.0 | 11.9 |
| August | 22.9 | 22.8 | 27.0 | 28.6 | 25.3 | 23.6 | 25.0 | 24.9 | 24.7 | 23.9 | 23.3 | 22.3 | 20.3 | 14.9 | 13.3 | 12.1 | 12.0 |
| September | 19.8 | 19.7 | 23.6 | 25.2 | 21.6 | 20.3 | 21.7 | 21.7 | 21.8 | 21.5 | 21.5 | 21.3 | 20.4 | 16.2 | 14.3 | 12.6 | 12.3 |
| October | 13.0 | 12.3 | 17.9 | 19.6 | 15.3 | 13.6 | 15.3 | 15.3 | 15.3 | 15.8 | 16.3 | 17.1 | 17.8 | 16.5 | 15.1 | 13.1 | 12.7 |
| November | 6.5 | 5.9 | 10.4 | 12.4 | 8.6 | 7.2 | 8.5 | 8.6 | 8.8 | 9.8 | 10.5 | 11.9 | 13.8 | 15.4 | 15.1 | 13.4 | 13.1 |
| December | 2.1 | 1.9 | 3.6 | 5.8 | 3.2 | 2.5 | 3.2 | 3.2 | 3.5 | 4.5 | 5.3 | 6.9 | 9.6 | 13.7 | 14.4 | 13.5 | 13.3 |
| Annual | 10.6 | 10.4 | 15.4 | 16.8 | 13.0 | 11.3 | 12.9 | 12.9 | 12.8 | 12.7 | 12.7 | 12.7 | 12.7 | 12.5 | 12.6 | 12.5 | 12.5 |

| Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MONTHLY TOTAL DURATION OF SUNSHINE (in hours)** | | | | | | | | | | | | |
| 108.6 | 91.6 | 146.6 | 188.7 | 208.1 | 95.6 | 142.1 | 103.1 | 84.5 | 132.9 | 113.8 | 88.8 | 1504.4 |
| **RATE OF SUNSHINE (%)** | | | | | | | | | | | | |
| 36 | 30 | 40 | 49 | 47 | 22 | 31 | 24 | 23 | 39 | 38 | 30 | 34 |
| **DAILY MEAN AMOUNT OF EVAPORATION (mm)** | | | | | | | | | | | | |
| **ORDINARY EVAPORIMETER** | | | | | | | | | | | | |
| 1.5 | 1.4 | 1.9 | 3.8 | 4.4 | 3.3 | 3.8 | 3.6 | 2.8 | 2.1 | 1.6 | 1.1 | 2.6 |
| **LARGE—SIZED EVAPORIMETER** | | | | | | | | | | | | |
| — | — | — | 2.1 | 3.2 | 2.2 | 2.5 | 2.2 | 1.8 | — | — | — | 2.3 |

# 1959.

## NUMBER OF OBSERVATIONS OF THE HORIZONTAL VISIBILITY FROM

| Class | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Sum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km km 0.00—0.05 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 0.05— 0.2 | — | — | — | — | — | — | — | 1 | — | — | — | — | 1 |
| 0.2— 0.5 | 3 | — | 2 | 1 | — | — | 2 | 7 | 1 | 6 | — | — | 22 |
| 0.5— 1.0 | 4 | 4 | — | 1 | — | — | 4 | 3 | 3 | 2 | 1 | 5 | 27 |
| 1— 2 | 8 | 7 | 4 | 1 | — | 2 | 6 | 3 | 1 | 1 | 1 | 2 | 36 |
| 2— 4 | 8 | 13 | 17 | 9 | 6 | 14 | 17 | 10 | 24 | 9 | 4 | 11 | 142 |
| 4— 10 | 23 | 19 | 23 | 15 | 25 | 40 | 32 | 49 | 26 | 16 | 11 | 35 | 314 |
| 10— 20 | 74 | 42 | 46 | 52 | 49 | 55 | 46 | 49 | 44 | 57 | 65 | 88 | 667 |
| 20— 50 | 54 | 59 | 64 | 59 | 60 | 48 | 48 | 48 | 50 | 53 | 52 | 28 | 623 |
| ≧— 50 | 12 | 24 | 30 | 42 | 46 | 21 | 31 | 16 | 31 | 42 | 46 | 17 | 358 |

## TOTAL SOLAR AND SKY RADIATION ON THE HORIZONTAL SURFACE (gr. cal. cm². hour)

| | 4~5 | 5~6 | 6~7 | 7~8 | 8~9 | 9~10 | 10~11 | 11~12 | 12~13 | 13~14 | 14~15 | 15~16 | 16~17 | 17~18 | 18~19 | 18~20 | Sum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | — | — | 0.0 | 2.0 | 10.1 | 18.9 | 24.0 | 27.9 | 27.6 | 22.5 | 15.1 | 7.1 | 1.5 | 0.0 | — | — | 156.7 |
| February | — | — | 0.1 | 3.3 | 11.2 | 20.4 | 26.3 | 27.0 | 26.8 | 23.0 | 19.0 | 12.5 | 4.4 | 0.5 | — | — | 174.5 |
| March | — | 0.0 | 1.7 | 9.4 | 21.1 | 31.8 | 34.1 | 35.4 | 31.5 | 30.9 | 24.5 | 16.2 | 7.7 | 1.9 | 0.0 | — | 246.2 |
| April | — | 0.5 | 6.8 | 18.8 | 28.9 | 39.3 | 43.7 | 42.9 | 41.9 | 36.2 | 30.6 | 22.1 | 12.9 | 4.4 | 0.5 | 0.0 | 329.5 |
| May | 0.0 | 2.9 | 13.0 | 25.5 | 35.3 | 43.5 | 45.8 | 46.7 | 45.6 | 38.2 | 30.9 | 23.3 | 15.0 | 7.5 | 1.5 | 0.0 | 374.7 |
| June | 0.0 | 1.8 | 8.3 | 18.0 | 22.9 | 28.1 | 34.8 | 37.5 | 36.2 | 34.3 | 25.9 | 19.1 | 14.3 | 7.8 | 2.2 | 0.0 | 291.2 |
| July | — | 1.3 | 6.9 | 14.4 | 23.7 | 32.1 | 37.2 | 41.7 | 39.9 | 36.3 | 28.6 | 21.6 | 18.4 | 4.2 | 2.7 | 0.0 | 309.0 |
| August | — | 0.4 | 3.8 | 11.5 | 21.1 | 32.7 | 40.1 | 41.8 | 37.7 | 34.3 | 26.8 | 18.8 | 11.6 | 6.1 | 1.3 | 0.1 | 288.1 |
| September | — | 0.0 | 3.4 | 11.3 | 20.1 | 28.8 | 33.7 | 34.7 | 34.8 | 32.2 | 23.3 | 14.7 | 8.2 | 2.6 | 0.2 | — | 248.0 |
| October | — | 0.0 | 1.5 | 10.3 | 20.4 | 26.4 | 31.4 | 34.5 | 32.9 | 27.6 | 18.2 | 10.0 | 3.2 | 0.3 | — | — | 216.7 |
| November | — | — | 0.1 | 5.3 | 15.2 | 23.9 | 27.6 | 27.4 | 26.2 | 18.8 | 12.4 | 5.2 | 1.4 | 0.0 | — | — | 163.5 |
| December | — | — | 0.1 | 1.4 | 8.3 | 16.6 | 20.7 | 22.6 | 21.5 | 16.3 | 9.3 | 4.0 | 0.7 | 0.1 | — | — | 121.6 |
| Annual | 0.0 | 6.9 | 45.7 | 131.2 | 238.3 | 342.5 | 399.4 | 420.1 | 402.6 | 350.6 | 264.6 | 174.6 | 99.3 | 35.4 | 8.4 | 0.1 | 2919.7 |

## NUMBER OF DAYS WITH

| Month | ●✳ ⁂ △▲ 0.1≦ | ✳ 0.1≦ | △ ⁂ | ▲ | 🌫 | ≡ 0—2 | Clear | Cloudy | Sunless | ↙ | ⊔ | Min. Temp. <0° | Mean Temp. <0° | Max. Temp. <0° | Min. Temp. ≧25° | Mean Temp. ≧25° | Max. Temp. ≧25° | Max. Temp. ≧30° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 22 | 21 | — | — | — | — | — | 18 | 3 | 12 | 9 | 31 | 24 | 7 | — | — | — | — |
| February | 18 | 12 | 1 | — | — | — | 1 | 15 | 5 | 4 | 6 | 20 | 8 | — | — | — | — | — |
| March | 21 | 4 | 1 | — | — | 2 | — | 13 | 7 | 9 | 6 | 13 | 2 | — | — | — | — | — |
| April | 14 | 1 | — | — | — | 1 | 3 | 14 | 3 | 17 | 5 | 5 | — | — | — | — | — | — |
| May | 14 | — | — | — | 2 | — | 3 | 16 | 1 | 12 | — | — | — | — | — | — | 5 | — |
| June | 19 | — | — | — | 2 | — | — | 28 | 6 | 3 | — | — | — | — | — | — | 3 | — |
| July | 18 | — | — | — | — | 5 | 1 | 20 | 6 | — | — | — | — | — | — | 1 | 22 | 4 |
| August | 14 | — | — | — | 1 | 7 | — | 28 | 8 | 1 | — | — | — | — | — | 4 | 23 | 7 |
| September | 15 | — | — | — | 1 | 2 | — | 25 | 8 | 3 | — | — | — | — | — | — | 12 | 1 |
| October | 15 | — | — | — | 2 | 8 | 5 | 18 | 8 | 1 | 2 | — | — | — | — | — | — | — |
| November | 12 | 1 | — | — | — | 1 | 4 | 11 | 4 | 6 | 14 | 11 | — | — | — | — | — | — |
| December | 21 | 13 | 3 | — | — | 1 | — | 18 | 6 | 7 | 10 | 24 | 14 | 1 | — | — | — | — |
| Annual | 203 | 52 | 5 | — | 8 | 27 | 17 | 224 | 65 | 75 | 52 | 104 | 48 | 8 | — | 5 | 65 | 12 |

# 1959.



## GENERAL REMARKS

| | First Day (last year) 1958 | Last Day (this year) 1959 | First Day (this year) 1959 |
|---|---|---|---|
| Min. Air Temp. below 0°: | Nov. 8 | Apr. 19 | Nov. 11 |
| Mean Air Temp. below 0°: | Jan. 2 (1959) | Mar. 13 | Dec. 7 |
| Max. Air Temp. below 0°: | Jan. 7 (1959) | Jan. 31 | Dec. 18 |
| Max. Air Temp. above 25°: | | Sept. 27 | May 15 |
| Mean Air Temp. above 25°: | | Aug. 28 | Jul. 8 |
| Max. Air Temp. above 30°: | | Sept. 18 | Jul. 8 |
| Hoar Frost: | Oct. 24 | Apr. 20 | Oct. 20 |
| Snow: | Nov. 19 | Apr. 11 | Nov. 26 |
| Snow on Ground: | Nov. 20 | Mar. 23 | Dec. 6 |

Max. Continuance of Days with Min. Temp. below 0° is 34 Days: from Jan. 1 to Feb. 3

Max. Continuance of Days with Mean Temp. below 0° is 11 Days: from Jan. 5 to Jan. 15

Max. Continuance of Days with Max. Temp. above 30° is 3 Days: from Aug. 19 to Aug. 21

Max. Continuance of Days with Precipitation is 9 Days: from Jul. 2 to Jul. 10

Max. Continuance of Days without Precipitation is 7 Days: from Jul. 25 to Jul. 31

Continuance of more than 5 Days with Precipitation are:

| | | | | | |
|---|---|---|---|---|---|
| 6 Days: | from Jan. 3 | to Jan. 8 | 6 Days: | from May 30 | to Jun. 4 |
| 7 〃 | from Jan. 17 | to Jan. 23 | 9 〃 | from Jul. 2 | to Jul. 10 |
| 6 〃 | from Jan. 28 | to Feb. 2 | 5 〃 | from Jul. 12 | to Jul. 16 |
| 6 〃 | from Mar. 6 | to Mar. 11 | 5 〃 | from Dec. 3 | to Dec. 7 |
| 6 〃 | from Mar. 22 | to Mar. 27 | 6 〃 | from Dec. 14 | to Dec. 19 |

# 1959.



FIVE-DAY MEANS

| Month | Five-day Period | Air Pressure 1000 mb+ | Air Temperature °C | Vapour Pressure mb | Relative Humidity % | Amount of Clouds (0—10) | Velocity of Wind m.p.s. | Precipitation (Total) mm |
|---|---|---|---|---|---|---|---|---|
| January | 1— 5 | 13.9 | −0.9 | 4.7 | 82 | 7.8 | 2.6 | 1.8 |
| | 6—10 | 15.6 | −4.9 | 3.7 | 85 | 7.5 | 2.0 | 4.3 |
| | 11—15 | 16.1 | −2.2 | 4.3 | 82 | 7.2 | 2.2 | 3.9 |
| | 16—20 | 10.8 | −2.1 | 4.5 | 85 | 8.4 | 2.9 | 15.6 |
| | 21—25 | 17.6 | −0.9 | 4.4 | 77 | 6.7 | 3.6 | 7.5 |
| | 26—30 | 15.0 | 0.1 | 4.7 | 76 | 7.3 | 3.1 | 11.8 |
| February | 31— 4 | 17.2 | 0.5 | 4.8 | 76 | 7.7 | 3.7 | 14.8 |
| | 5— 9 | 23.1 | 1.4 | 5.1 | 75 | 5.0 | 2.2 | 11.9 |
| | 10—14 | 18.5 | 0.6 | 5.1 | 79 | 7.8 | 2.9 | 20.4 |
| | 15—19 | 21.5 | 2.6 | 6.4 | 86 | 8.6 | 2.0 | 19.3 |
| | 20—24 | 19.1 | 2.2 | 5.6 | 77 | 8.8 | 2.5 | 18.6 |
| | 25— 1 | 27.9 | −0.3 | 4.5 | 75 | 5.9 | 2.4 | 4.5 |
| March | 2— 6 | 19.1 | 4.0 | 6.1 | 76 | 6.6 | 3.5 | 26.8 |
| | 7—11 | 16.1 | 4.6 | 6.9 | 82 | 7.8 | 3.1 | 39.7 |
| | 12—16 | 20.4 | 1.9 | 5.3 | 77 | 5.2 | 3.4 | 4.5 |
| | 17—21 | 23.4 | 3.3 | 5.4 | 72 | 4.8 | 2.4 | 10.0 |
| | 22—26 | 17.2 | 4.0 | 6.9 | 85 | 9.6 | 2.1 | 25.7 |
| | 27—31 | 17.6 | 7.3 | 8.5 | 82 | 7.7 | 2.9 | 12.4 |
| April | 1— 5 | 22.1 | 8.4 | 8.5 | 76 | 4.5 | 5.0 | 23.4 |
| | 6—10 | 8.0 | 9.0 | 9.3 | 79 | 8.3 | 3.8 | 26.5 |
| | 11—15 | 11.6 | 8.0 | 6.6 | 61 | 7.2 | 5.5 | 15.5 |
| | 16—20 | 15.6 | 9.6 | 8.7 | 73 | 6.6 | 3.5 | 2.1 |
| | 21—25 | 13.7 | 12.9 | 11.3 | 76 | 6.0 | 4.7 | 26.9 |
| | 26—30 | 16.7 | 13.5 | 11.3 | 73 | 6.9 | 3.9 | 10.3 |
| May | 1— 5 | 10.0 | 14.6 | 12.4 | 74 | 7.3 | 2.7 | 23.3 |
| | 6—10 | 19.0 | 12.3 | 8.5 | 62 | 6.0 | 2.9 | — |
| | 11—15 | 12.5 | 13.7 | 11.2 | 73 | 5.9 | 3.6 | 8.4 |
| | 16—20 | 7.4 | 14.1 | 12.6 | 79 | 8.4 | 3.5 | 9.3 |
| | 21—25 | 14.4 | 15.1 | 12.6 | 74 | 7.8 | 2.1 | 2.2 |
| | 26—30 | 10.1 | 16.5 | 14.1 | 77 | 5.7 | 2.7 | 0.3 |
| June | 31— 4 | 13.0 | 16.6 | 16.0 | 85 | 9.8 | 1.9 | 74.1 |
| | 5— 9 | 8.7 | 17.0 | 15.8 | 81 | 8.8 | 2.6 | 15.2 |
| | 10—14 | 4.3 | 15.5 | 13.3 | 77 | 8.1 | 4.0 | 37.4 |
| | 15—19 | 6.2 | 18.2 | 17.2 | 83 | 8.2 | 3.2 | 3.5 |
| | 20—24 | 11.5 | 17.7 | 18.2 | 90 | 9.9 | 2.9 | 7.4 |
| | 25—29 | 16.1 | 19.2 | 19.5 | 88 | 9.6 | 3.0 | 7.5 |
| July | 30— 4 | 9.2 | 20.3 | 21.1 | 89 | 9.8 | 2.6 | 41.8 |
| | 5— 9 | 7.3 | 22.1 | 23.0 | 87 | 9.8 | 2.5 | 67.3 |
| | 10—14 | 1.1 | 21.3 | 22.5 | 89 | 7.8 | 2.4 | 77.1 |
| | 15—19 | 11.9 | 21.6 | 22.4 | 87 | 7.4 | 2.4 | 6.0 |
| | 20—24 | 9.9 | 22.8 | 24.4 | 88 | 8.5 | 1.7 | 45.0 |
| | 25—29 | 10.7 | 22.0 | 20.5 | 78 | 5.3 | 1.9 | — |
| August | 30— 3 | 9.2 | 23.6 | 23.5 | 82 | 7.4 | 2.2 | 1.1 |
| | 4— 8 | 5.9 | 22.1 | 21.8 | 83 | 9.1 | 2.3 | 0.0 |
| | 9—13 | 7.5 | 19.6 | 20.2 | 88 | 9.8 | 3.7 | 42.9 |
| | 14—18 | 8.5 | 24.8 | 27.4 | 88 | 9.4 | 2.7 | 12.7 |
| | 19—23 | 7.1 | 23.0 | 24.4 | 88 | 8.0 | 1.5 | 29.9 |
| | 24—28 | 10.2 | 22.1 | 24.2 | 91 | 9.9 | 2.9 | 70.5 |
| September | 29— 2 | 10.0 | 22.7 | 23.7 | 86 | 7.3 | 2.0 | 6.8 |
| | 3— 7 | 14.3 | 20.0 | 19.3 | 83 | 8.0 | 2.8 | 1.9 |
| | 8—12 | 12.3 | 19.8 | 21.6 | 93 | 9.9 | 1.8 | 31.6 |
| | 13—17 | 13.8 | 20.2 | 20.4 | 86 | 8.5 | 2.0 | 0.0 |
| | 18—22 | 11.0 | 19.5 | 16.2 | 72 | 6.9 | 3.6 | 0.5 |
| | 23—27 | 11.2 | 17.2 | 17.3 | 89 | 9.9 | 3.3 | 68.2 |
| October | 28— 2 | 19.3 | 16.1 | 15.7 | 86 | 8.6 | 1.8 | 4.0 |
| | 3— 7 | 13.9 | 16.1 | 16.1 | 88 | 9.2 | 1.6 | 27.8 |
| | 8—12 | 12.9 | 15.2 | 14.1 | 82 | 5.6 | 2.0 | 14.8 |
| | 13—17 | 17.3 | 12.0 | 11.2 | 81 | 6.4 | 2.0 | 2.0 |
| | 18—22 | 20.5 | 10.1 | 10.4 | 85 | 6.8 | 2.0 | 21.0 |
| | 23—27 | 24.1 | 10.4 | 9.8 | 78 | 5.5 | 2.2 | 2.2 |
| November | 28— 1 | 21.7 | 11.8 | 12.1 | 85 | 6.6 | 1.9 | 35.3 |
| | 2— 6 | 19.7 | 12.3 | 12.1 | 83 | 6.4 | 2.8 | 38.4 |
| | 7—11 | 17.6 | 8.7 | 8.9 | 78 | 5.7 | 3.0 | 26.8 |
| | 12—16 | 16.6 | 6.1 | 7.5 | 79 | 5.8 | 2.8 | 7.4 |
| | 17—21 | 19.1 | 5.8 | 6.8 | 74 | 6.7 | 3.4 | 1.4 |
| | 22—26 | 23.4 | 4.1 | 6.3 | 76 | 7.9 | 3.7 | 1.7 |
| December | 27— 1 | 27.7 | 2.1 | 5.6 | 80 | 4.7 | 0.8 | — |
| | 2— 6 | 13.3 | 6.3 | 7.8 | 81 | 8.4 | 3.0 | 42.0 |
| | 7—11 | 21.8 | 1.9 | 5.9 | 83 | 7.5 | 2.8 | 5.0 |
| | 12—16 | 21.3 | 2.0 | 6.1 | 87 | 8.7 | 2.3 | 10.6 |
| | 17—21 | 18.0 | −2.8 | 4.1 | 81 | 6.8 | 2.9 | 1.7 |
| | 22—26 | 18.1 | −0.3 | 4.9 | 83 | 8.8 | 2.6 | 8.8 |
| | 27—31 | 22.4 | −0.1 | 4.9 | 80 | 6.7 | 3.2 | 2.3 |
| Mean | | 14.9 | 10.9 | 12.2 | 81 | 7.5 | 2.8 | 17.9 |

# SEISMOLOGICAL OBSERVATIONS

**Remarks:—**

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

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

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

3. Symbols and Notations.

*i*: Sudden beginning of motion.

*e*: Gradual beginning of motion.

?: Doubtful phase.

+: Out of order of the instrument.

⊕: Out of the range of the instrument.

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

[S]: Shallow-focused earthquakes.

A.S.: After-shock

# EARTHQUAKES, 1959.



| No. | Date 1959 | P E | P W | P N | P S | P Z | S E | S W | S N | S S | S Z | Maximum Amplitude E | Maximum Amplitude W | Maximum Amplitude N | Maximum Amplitude S | Maximum Amplitude Z | P ~ S | P ~ F | Intensity | Epicenter and Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | h m s | m s | m s | m s | m s | m s | m s | m s | m s | m s | μ | μ | μ | μ | μ | s | m s | | |
| 1 | Jan. 1 | 19 — — | — — | — — | — — | | 28 36 | 28 35 | 28 37 | | | 4 | 5 | 6 | | | — | — — | 0 | |
| 2 | 1 | 23 30 47 | — — | 30 46 | | | 31 16 | e 31 19 | ? 31 17 | | | 4 | — | 4 | | | 29 | 2 12 | 0 | |
| 3 | 2 | 6 23 35 | e 23 35 | 23 33 | | | e 23 59 | e 23 59 | 23 59 | | | 6 | 8 | 4 | | | 24 | 2 20 | 0 | |
| 4 | 4 | 4 — — | — — | — — | — — | | 22 33 | — — | — — | | | 5 | — | — | | | — | — — | 0 | |
| 5 | 6 | ? 19 42 39 | — — | — — | — — | | e 43 24 | 43 24 | e 43 25 | | | 5 | 5 | 4 | | | 45? | 3 19 | 0 | 29.7N, 141.0E[400] |
| 6 | 7 | 17 31 57 | — — | — — | — — | | i 32 07 | 32 07 | 32 07 | | | 25 | 23 | 4 | | | 11 | 1 26 | 0 | |
| 7 | 8 | 3 — — | — — | — — | — — | | e 06 51 | e 06 58 | — — | | | 2 | — | — | | | — | — — | 0 | |
| 8 | 10 | 4 — — | — — | — — | — — | | 37 22 | — — | — — | | | 2 | — | — | | | — | — — | 0 | |
| 9 | 11 | 16 — — | — — | — — | — — | | e 38 49 | — — | — — | | | 1 | — | — | | | — | — — | 0 | |
| 10 | 11 | 17 37 49 | 37 49 | 37 47 | | | i 38 08 | 38 07 | 38 08 | | | 68 | 98 | 80 | | | 19 | 5 17 | 0 | 40.1N, 139.8E[210] |
| 11 | 12 | 22 05 03 | — — | — — | — — | | e 05 25 | 05 24 | — — | | | 3 | — | — | | | 21 | 1 31 | 0 | |
| 12 | 12 | 23 — — | — — | — — | — — | | ? 17 05 | — — | — — | | | — | — | — | | | — | — — | 0 | |
| 13 | 12 | 23 18 03 | 18 03 | 18 03 | | | 19 06 | 19 05 | 19 06 | | | 82 | 90 | 98 | | | 63 | 7 06 | 0 | |
| 14 | 13 | 1 41 25 | — — | — — | — — | | e 41 51 | e 41 47 | — — | | | 4 | — | — | | | 26 | 2 01 | 0 | |
| 15 | 13 | 2 12 35 | e 21 33 | — — | — — | | 13 05 | 13 05 | e 13 06 | | | 14 | 13 | 12 | | | 30 | 4 22 | 0 | |
| 16 | 13 | 4 — — | — — | — — | — — | | e 36 58 | — — | — — | | | 4 | — | — | | | — | — — | 0 | |
| 17 | 13 | 23 — — | — — | — — | — — | | 35 25 | 35 25 | 35 26 | | | 8 | 5 | 6 | | | — | — — | 0 | |
| 18 | 14 | e 22 08 12 | — — | ? 08 14 | | | 09 05 | 09 05 | ? 09 08 | | | 8 | 8 | 6 | | | 53 | 2 37 | 0 | 34.0N, 141.5E[100] |
| 19 | 20 | ? 17 21 18 | — — | — — | — — | | 21 48 | e 21 49 | — — | | | 5 | 8 | — | | | 90 | 3 34 | 0 | 35.0N, 136.2E[340] |
| 20 | 22 | 0 — — | — — | — — | — — | | 43 39 | 43 39 | e 43 39 | | | 15 | 23 | 10 | | | — | — — | 0 | |
| 21 | 22 | i 14 11 03 | i 11 02 | i 11 01 | | | — — | — — | e 11 27 | | | — | — | — | | | 26 | 138 57 | III | 37.6N, 142.4E[30] |
| 22 | 22 | 16 34 41 | 34 38 | e 34 36 | | | 35 28 | ? 35 28 | e 35 29 | | | 51 | 30 | 20 | | | 47 | 14 53 | 0 | 43.5N, 144.2E[0~10] |
| 23 | 22 | i 18 47 10 | i 47 11 | i 47 11 | | | 47 34 | 47 39 | e 47 42 | | | 298 | 290 | 114 | | | 24 | 15 00 | 0 | 37.5N, 142.7E[30] |
| 24 | 22 | 21 42 08 | 42 08 | 42 06 | | | 42 34 | 42 36 | 42 33 | | | 26 | 25 | 16 | | | 27 | 5 46 | 0 | |
| 25 | 23 | 1 57 01 | 57 02 | e 56 59 | | | 57 26 | 57 24 | e 57 24 | | | 28 | 47 | 24 | | | 25 | 5 32 | 0 | 37.8N, 142.2E[S] |
| 26 | 23 | 14 — — | — — | — — | — — | | e 35 20 | e 35 21 | — — | | | 6 | 5 | — | | | — | — — | 0 | |
| 27 | 23 | e 16 00 28 | 00 28 | e 00 29 | | | 00 49 | 00 50 | e 00 50 | | | 110 | 105 | 54 | | | 22 | — — | 0 | 37.7N, 142.5E[S] |
| 28 | 23 | e 16 06 14 | — — | — — | — — | | 06 42 | e 06 43 | ? 06 38 | | | 13 | 13 | 10 | | | 28 | 3 26 | 0 | |
| 29 | 23 | e 17 46 13 | e 46 16 | e 46 11 | | | e 46 44 | e 46 43 | ? 46 41 | | | 9 | 10 | 6 | | | 31 | 2 49 | 0 | |
| 30 | 24 | i 14 09 09 | i 09 09 | 09 08 | | | i 09 29 | i 09 29 | 09 27 | | | — | 875 | 400 | | | 21 | 30 28 | II | 37.4N, 141.2E[80] |
| 31 | 25 | 7 02 48 | 02 47 | 02 46 | | | 03 09 | 03 07 | e 03 08 | | | 15 | 10 | 12 | | | 21 | 3 48 | 0 | |
| 32 | 25 | 14 — — | — — | — — | — — | | e 06 08 | ? 06 06 | — — | | | 17 | 18 | — | | | — | — — | 0 | |
| 33 | 25 | 14 — — | — — | — — | — — | | 28 12 | e 28 11 | e 28 11 | | | 9 | 5 | 6 | | | — | — — | 0 | |
| 34 | 27 | 5 — — | — — | — — | — — | | 06 56 | e 06 55 | ? 06 57 | | | 6 | — | 6 | | | — | — — | 0 | |
| 35 | 27 | 8 — — | — — | — — | — — | | e 24 17 | e 24 17 | e 24 17 | | | 5 | 5 | 4 | | | — | — — | 0 | |
| 36 | 27 | e 21 37 59 | e 37 57 | 37 59 | | | e 38 33 | e 38 31 | 38 33 | | | 25 | 30 | 14 | | | 34 | 5 46 | 0 | |
| 37 | 28 | 10 21 49 | 21 49 | 21 49 | | | 22 28 | e 22 27 | 22 30 | | | 110 | 115 | 56 | | | 39 | 7 13 | 0 | 37.5N, 142.7E[S] |
| 38 | 28 | e 17 54 17 | e 54 23 | e 54 20 | | | e 55 03 | e 54 58 | e 54 57 | | | 8 | 15 | 4 | | | 46 | 3 53 | 0 | |
| 39 | 28 | 23 — — | — — | — — | — — | | 04 20 | 04 19 | 04 19 | | | 15 | 8 | 8 | | | — | — — | 0 | |
| 40 | 29 | e 13 47 24 | — — | — — | — — | | 47 43 | 47 42 | — — | | | 6 | 5 | — | | | 19 | 2 00 | 0 | |
| 41 | 29 | 23 — — | — — | — — | — — | | 07 03 | 07 02 | ? 07 00 | | | 20 | 10 | 8 | | | — | — — | 0 | |
| 42 | 30 | e 22 41 51 | 41 51 | 41 52 | | | 42 34 | 42 30 | e 42 35 | | | 10 | 13 | 10 | | | 40 | 3 23 | 0 | 35.6N, 140.0E[80] |
| 43 | 31 | 5 40 19 | 40 19 | e 40 17 | | | e 41 25 | e 41 24 | ? 41 20 | | | 194 | 250 | 50 | | | 66 | 21 19 | 0 | 43.3N, 144.4E[20] |
| 44 | 31 | 7 18 09 | 18 08 | 18 07 | | | e 19 13 | 19 19 | ? 19 23 | | | 115 | 275 | 56 | | | 71 | 25 17 | 0 | 43.5N, 144.4E[S] |
| 45 | Feb. 1 | 8 — — | — — | — — | — — | | e 01 42 | e 01 42 | — — | | | 3 | — | — | | | — | — — | 0 | |
| 46 | 3 | e 17 14 58 | e 15 01 | — — | | | e 15 33 | 15 31 | e 15 32 | | | 7 | 10 | 4 | | | 30 | 4 27 | 0 | |
| 47 | 4 | 1 — — | — — | — — | — — | | 21 27 | — — | — — | | | — | — | — | | | — | — — | 0 | |
| 48 | 4 | 15 — — | — — | — — | — — | | ? 07 28 | 07 23 | ? 07 31 | | | — | — | — | | | — | — — | 0 | |
| 49 | 5 | 19 06 33 | 06 32 | 06 32 | | | 07 10 | 07 12 | 07 07 | | | 83 | 125 | 54 | | | 39 | 9 54 | 0 | 36.3N, 141.7E[S] |
| 50 | 6 | e 16 21 02 | 21 00 | 21 01 | | | 21 47 | e 21 47 | e 21 44 | | | 11 | 15 | 8 | | | 47 | 7 35 | 0 | |
| 51 | 7 | 19 — — | — — | — — | — — | | — — | — — | — — | | | 6 | 33 | — | | | — | — — | 0 | |
| 52 | 9 | e 8 52 51 | — — | e 52 49 | | | 53 10 | e 53 09 | 53 09 | | | 10 | — | 4 | | | 19 | 1 20 | 0 | |
| 53 | 17 | 21 — — | e 51 16 | e 51 14 | | | — — | e 52 33 | e 52 35 | | | — | 15 | 8 | | | 78 | 4 35 | 0 | 31.6N, 143.1E[60] |
| 54 | 18 | e 11 53 11 | 53 13 | 53 10 | | | 53 28 | 53 29 | 53 28 | | | 33 | 45 | 20 | | | 17 | 2 29 | 0 | |
| 55 | 18 | 21 — — | e 06 27 | 06 23 | | | — — | 07 09 | e 07 13 | | | — | 43 | 36 | | | 46 | 5 25 | 0 | 42.1N, 143.3E[70] |

# EARTHQUAKES, 1959.



| No. | Date 1959 | P E | P W | P N | P S | P Z | S E | S W | S N | S S | S Z | Max. Amplitude E | Max. Amplitude W | Max. Amplitude N | Max. Amplitude S | Max. Amplitude Z | P ~ S | P ~ F | Intensity | Epicenter and Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | h m s | | m s | | m s | m s | | m s | | m s | μ | | μ | | μ | s | m s | | |
| 56 | Feb. 21 | e 14 13 59 | | — | | — | 14 30 | | 14 29 | | ? 14 28 | 3 | | 5 | | 4 | 31 | 1 49 | 0 | 36.1N, 140.0E[40] |
| 57 | 22 | e 5 12 00 | | e 12 02 | | e 12 01 | 12 35 | | 12 34 | | e 12 37 | 14 | | 10 | | 8 | 35 | 3 43 | 0 | 42.0N, 143.1E[60] |
| 58 | 22 | 12 36 45 | | ? 36 43 | | 36 46 | e 37 35 | | e 37 34 | | e 37 34 | 11 | | 13 | | 6 | 51 | 5 54 | 0 | 42.8N, 140.1E[10] |
| 59 | 23 | e 11 06 59 | | 07 03 | | 07 03 | ? 07 32 | | ? 07 31 | | ? 07 37 | 4 | | 5 | | 4 | 29 | 3 43 | 0 | |
| 60 | 24 | e 20 12 49 | | — | | ? 12 52 | 13 59 | | 14 00 | | e 13 57 | 7 | | 8 | | 6 | 69 | 4 00 | 0 | 43.0N, 141.5E[60] |
| 61 | 25 | 20 21 41 | | e 21 40 | | 21 37 | 23 37 | | 23 36 | | 23 36 | 80 | | 48 | | 32 | 116 | 8 35 | 0 | 28.5N, 139.0E[550] |
| 62 | 27 | 18 50 22 | | 50 20 | | 50 21 | 50 44 | | 50 45 | | e 50 44 | 10 | | 10 | | 10 | 22 | 2 56 | 0 | |
| 63 | 28 | 1 15 58 | | e 16 00 | | 15 55 | 16 28 | | 16 29 | | e 16 29 | 16 | | 18 | | 14 | 30 | 5 18 | 0 | |
| 64 | 28 | 6 00 30 | | 00 26 | | 00 19 | ? 02 14 | | — — | | — — | 4 | | — | | — | 104 | 8 10 | 0 | 27.5N, 128.5E[S] |
| 65 | Mar. 2 | 1 56 51 | | 56 54 | | e 56 44 | 62 51 | | 62 53 | | — — | 12 | | 143 | | — | 359 | 58 48 | 0 | 0.5S, 134.5E[100] |
| 66 | 2 | 6 — — | | 44 21 | | 44 21 | — — | | 44 34 | | 44 32 | — | | 10 | | — | 14 | 1 24 | 0 | 40.1N, 141.9E[40] |
| 67 | 5 | 8 01 39 | | 01 39 | | 01 39 | 02 13 | | 02 12 | | e 02 10 | 50 | | 53 | | 28 | 34 | 5 51 | 0 | 37.6N, 138.7E[200] |
| 68 | 5 | ? 14 06 20 | | — | | — — | 07 34 | | 07 33 | | 07 34 | 7 | | 5 | | 4 | 74 | 3 55 | 0 | 44N, 149E[80] |
| 69 | 5 | 23 11 23 | | ? 11 25 | | e 11 24 | 12 32 | | 12 32 | | 12 33 | 35 | | 28 | | 22 | 69 | 6 55 | 0 | 43.7N, 147.3E[80] |
| 70 | 9 | e 22 09 16 | | e 09 17 | | e 09 17 | 09 45 | | 09 44 | | ? 09 45 | 12 | | 23 | | 14 | 29 | 3 05 | 0 | |
| 71 | 10 | 3 45 04 | | 45 06 | | 45 02 | i 45 27 | | i 45 28 | | 45 28 | 150 | | 263 | | 126 | 24 | 6 59 | 0 | 41.1N, 142.3E[40] |
| 72 | 10 | 11 52 38 | | 52 38 | | e 52 35 | 53 10 | | 53 12 | | 53 12 | 20 | | 38 | | 14 | 32 | 4 55 | 0 | |
| 73 | 10 | 19 24 18 | | ? 24 24 | | 24 20 | ? 25 27 | | ? 25 28 | | ? 25 26 | 3 | | 5 | | — | 69 | 3 15 | 0 | 37.7N, 134.7E |
| 74 | 14 | 11 — — | | 59 31 | | 59 35 | — — | | — — | | — — | — | | — | | — | — | 05 22 | 0 | [400~450] |
| 75 | 16 | 7 19 55 | | 19 56 | | 19 54 | 20 36 | | 30 37 | | e 20 33 | 8 | | 13 | | 4 | 42 | 3 53 | 0 | 35.5N, 140.2E[80] |
| 76 | 16 | e 17 06 22 | | 06 21 | | 06 22 | 06 46 | | 06 45 | | 06 49 | 8 | | 5 | | 10 | 24 | 4 32 | 0 | |
| 77 | 17 | 16 46 19 | | — | | — — | 46 45 | | 46 44 | | e 46 45 | 4 | | 3 | | — | 27 | 2 12 | 0 | |
| 78 | 17 | 17 29 03 | | 29 04 | | 29 03 | e 31 58 | | e 31 56 | | — — | 5 | | 48 | | — | 172 | 26 59 | 0 | 27.5N, 129.5E[60] |
| 79 | 18 | 16 27 29 | | 27 27 | | 27 27 | 27 57 | | 27 57 | | 27 55 | 125 | | 98 | | 60 | 30 | 8 20 | 1 | 36.7N, 141.1E[80] |
| 80 | 19 | ? 23 16 28 | | — | | ? 16 32 | ? 17 33 | | ? 17 27 | | ? 17 30 | 13 | | 25 | | 4 | 65 | 9 16 | 0 | 34.9N, 141.9E[60] |
| 81 | 20 | 4 11 18 | | — | | — — | 11 27 | | 11 27 | | 11 26 | 5 | | — | | 2 | 10 | 0 57 | 0 | |
| 82 | 20 | 12 22 09 | | 22 08 | | — — | 22 35 | | 22 38 | | — — | 30 | | 25 | | 10 | 30 | 5 09 | 0 | 36.6N, 141.2E[80] |
| 83 | 20 | 13 01 50 | | ? 01 52 | | e 01 50 | 02 23 | | e 02 26 | | 02 24 | 20 | | 25 | | 14 | 33 | 5 24 | 0 | |
| 84 | 21 | 0 45 12 | | 45 11 | | 45 09 | e 45 42 | | e 45 45 | | e 45 37 | 81 | | 105 | | 46 | 29 | 17 58 | 0 | 37.2N, 143.5E[S] |
| 85 | 22 | 13 — — | | — | | — — | 39 48 | | e 39 49 | | e 39 46 | 5 | | 5 | | — | — | — — | 0 | |
| 86 | 25 | ? 2 20 33 | | e 20 36 | | ? 20 25 | e 22 15 | | e 22 18 | | ? 22 12 | 22 | | 45 | | 12 | 102 | 13 22 | 0 | 34.1N, 142.0E[S] |
| 87 | 25 | e 15 43 08 | | ? 43 09 | | 43 01 | 43 49 | | e 43 47 | | e 43 42 | 5 | | 10 | | 4 | 40 | 2 19 | 0 | 36.2N, 140.0E[50] |
| 88 | 30 | 4 — — | | e 11 13 | | 11 11 | — — | | 12 26 | | 12 26 | — | | 13 | | 18 | 75 | 3 03 | 0 | 45.0N, 137.5E[300] |
| 89 | 30 | e 22 23 10 | | — | | — — | 23 41 | | 23 42 | | e 23 44 | 9 | | 18 | | 8 | 31 | 2 01 | 0 | 41.8N, 142.4E[60] |
| 90 | Apr. 3 | 4 27 07 | | 27 07 | | 27 06 | — — | | — — | | — — | 4 | | 5 | | 6 | — | 3 25 | 0 | |
| 91 | 3 | e 12 44 28 | | — | | — — | e 44 56 | | 44 57 | | — — | 2 | | — | | — | 28 | 2 15 | 0 | |
| 92 | 6 | 5 — — | | — | | — — | 04 11 | | e 04 11 | | e 04 11 | 5 | | 4 | | 2 | — | — — | 0 | |
| 93 | 6 | e 23 08 05 | | — | | e 08 07 | 08 28 | | 08 28 | | e 08 26 | 11 | | 8 | | 8 | 23 | 2 00 | 0 | 37.2N, 141.4E[40] |
| 94 | 9 | 21 27 36 | | 27 38 | | e 27 38 | 28 02 | | e 28 03 | | 28 02 | 10 | | 8 | | 6 | 26 | 2 04 | 0 | |
| 95 | 12 | 4 06 05 | | e 06 07 | | e 06 06 | 06 39 | | 06 37 | | e 06 46 | 14 | | 10 | | 10 | 34 | 3 52 | 0 | |
| 96 | 15 | 9 — — | | 16 09 | | 16 06 | — — | | 16 33 | | 16 36 | — | | 633 | | 238 | 24 | 9 55 | 0 | 41.1N, 143.2E[40] |
| 97 | 15 | 10 19 50 | | e 19 44 | | 19 38 | 20 10 | | e 20 10 | | e 20 10 | 15 | | 20 | | 8 | 20 | 3 07 | 0 | 41.1N, 143.0E[40] |
| 98 | 17 | e 1 19 55 | | e 19 56 | | 19 49 | ? 24 11 | | ? 24 05 | | — — | — | | — | | — | 256 | 9 46 | 0 | 12.5N, 143E[100] |
| 99 | 20 | e 12 36 13 | | e 36 11 | | e 36 09 | — — | | ? 43 16 | | — — | — | | — | | — | — | — — | 0 | |
| 100 | 21 | 19 05 04 | | — | | e 05 02 | 06 50 | | e 06 46 | | e 06 51 | 5 | | 5 | | 4 | 107 | 5 26 | 0 | 45N, 151.5E[60] |
| 101 | 21 | 19 59 10 | | e 59 14 | | ? 59 08 | 60 11 | | 60 09 | | 60 12 | 4 | | — | | 4 | 61 | 4 21 | 0 | 33.5N, 141.1E[80] |
| 102 | 22 | 12 — — | | — | | — — | 32 35 | | 32 35 | | 32 35 | 5 | | 5 | | — | 22 | 2 34 | 0 | |
| 103 | 26 | 7 50 12 | | 50 11 | | 50 11 | 50 28 | | 50 29 | | 50 29 | 170 | | 190 | | 86 | 16 | 9 01 | 0 | 40.2N, 142.6E[20~30] |
| 104 | 27 | 3 35 01 | | 35 02 | | 35 00 | 35 16 | | 35 15 | | 35 17 | 19 | | 13 | | 4 | 14 | 1 29 | 0 | |
| 105 | 27 | 5 45 12 | | 45 11 | | 45 13 | 49 39 | | 49 41 | | e 49 45 | 209 | | 3075 | | — | 270 | 81 46 | 0 | 25N, 122.5E[150] |
| 106 | 29 | 7 02 06 | | — | | 02 05 | 02 52 | | — — | | e 02 52 | 40 | | — | | 14 | 46 | 5 46 | 0 | 34.9N, 140.7E[70] |
| 107 | 30 | 20 31 51 | | e 31 52 | | 31 49 | 32 01 | | 32 02 | | e 32 03 | 13 | | 5 | | 8 | 10 | 2 05 | 0 | 38.7N, 141.6E[70] |
| 108 | May 3 | 16 26 53 | | 26 53 | | 26 52 | 27 14 | | e 27 18 | | 27 14 | 36 | | 38 | | 24 | 21 | 6 03 | 0 | 37.1N, 141.6E[40] |
| 109 | 4 | 16 20 07 | | 20 06 | | 20 07 | 23 49 | | 23 45 | | e 23 38 | ⊕ | | 1700 | | 286 | 222 | 6 39 | 0 | |
| 110 | 5 | 0 01 06 | | e 01 05 | | 01 04 | 01 23 | | 01 23 | | 01 22 | 18 | | 13 | | 6 | 17 | 2 15 | 0 | |

# EARTHQUAKES, 1959.



| No. | Date 1959 | P E | P W | P N | P S | P Z | S E | S W | S N | S S | S Z | Maximum Amplitude E | Maximum Amplitude W | Maximum Amplitude N | Maximum Amplitude S | Maximum Amplitude Z | P ~ S | P ~ F | Intensity | Epicenter and Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | h m s | | m s | | m s | m s | | m s | | m s | μ | | μ | | μ | s | m s | | |
| 111 | May 5 | *e* 15 06 20 | | — | | — | 06 49 | | *e* 06 47 | | *e* 06 43 | 6 | | 5 | | 8 | 29 | 1 41 | 0 | |
| 112 | 6 | ? 4 09 14 | | ? 09 | 09 | — | ? 12 38 | | — | | — | 5 | | 35 | | — | 204 | 16 22 | 0 | 53N, 159E |
| 113 | 6 | 11 — — | | — | — | — | 58 43 | | 58 42 | | 58 43 | 13 | | 8 | | 12 | — | — — | 0 | |
| 114 | 6 | 22 20 59 | | *e* 21 | 00 | *e* 20 56 | 21 16 | | *e* 21 20 | | ? 21 11 | 13 | | 13 | | 10 | 17 | 2 57 | 0 | 37.5N, 141.9E[40] |
| 115 | 7 | 3 53 46 | | 53 | 46 | 53 46 | 54 06 | | 54 08 | | *e* 54 07 | 85 | | 88 | | 58 | 21 | 5 49 | 0 | 38.6N, 143.4E[30] |
| 116 | 7 | 11 — — | | — | — | 24 03 | — — | | 24 13 | | *e* 24 14 | — | | — | | 6 | 12 | 1 12 | 0 | |
| 117 | 8 | 7 21 33 | | 21 | 33 | *i* 21 31 | 21 44 | | 21 44 | | 21 46 | 35 | | 25 | | 16 | 14 | 2 21 | 0 | 39.7N, 142.1E[50] |
| 118 | 8 | 20 39 21 | | 39 | 20 | 39 18 | *e* 42 53 | | *e* 42 53 | | ? 42 48 | 9 | | 8 | | — | 213 | 7 26 | 0 | 53.5N, 160.5E[60] |
| 119 | 9 | *e* 0 31 53 | | 31 | 53 | ? 31 51 | 32 54 | | 32 53 | | ? 32 53 | 6 | | 8 | | 4 | 60 | 4 42 | 0 | 45.3N, 150.5E[60] |
| 120 | 9 | 17 24 02 | | — | — | 23 58 | 24 23 | | 24 24 | | 24 23 | 17 | | 8 | | 16 | 21 | 2 50 | 0 | 40.8N, 142.5E[20] |
| 121 | 9 | 17 — — | | — | — | — — | 31 13 | | — — | | — — | 3 | | — | | — | — | — — | 0 | |
| 122 | 9 | 19 27 48 | | *e* 27 | 50 | 27 46 | 28 12 | | 28 12 | | 28 11 | 24 | | 23 | | 20 | 24 | 3 40 | 0 | |
| 123 | 10 | ? 8 59 07 | | ? 59 | 18 | ? 59 11 | *e* 60 33 | | 60 38 | | *e* 60 32 | 15 | | 15 | | 10 | 80 | 10 27 | 0 | 44.3N, 149.8E[80] |
| 124 | 10 | 18 — — | | — | — | — — | 48 29 | | 48 29 | | *e* 48 29 | 3 | | — | | — | — | — — | 0 | |
| 125 | 10 | 19 — — | | — | — | — — | 53 03 | | 53 04 | | *e* 53 05 | 5 | | 5 | | 6 | — | — — | 0 | |
| 126 | 11 | 4 29 54 | | 29 | 55 | *e* 29 54 | 30 10 | | 30 10 | | *e* 30 12 | 25 | | 40 | | 26 | 17 | 4 01 | 0 | |
| 127 | 11 | *e* 7 16 07 | | — | — | — — | 16 34 | | 16 36 | | *e* 16 35 | 6 | | — | | 10 | 28 | 3 03 | 0 | |
| 128 | 12 | 14 02 56 | | *e* 02 | 55 | ? 02 57 | 07 08 | | *e* 07 09 | | — — | 11 | | 85 | | — | 252 | 55 41 | 0 | 54.5N, 168E |
| 129 | 13 | 7 34 32 | | 34 | 32 | *i* 34 31 | 34 46 | | 34 46 | | *e* 34 45 | 123 | | 125 | | 64 | 15 | 8 24 | 0 | 38.8N, 142.6E[40] |
| 130 | 15 | *e* 1 17 06 | | *e* 17 | 06 | 17 02 | 17 20 | | 17 22 | | 17 22 | 13 | | 13 | | 8 | 20 | 1 51 | 0 | |
| 131 | 16 | 15 24 41 | | ? 24 | 41 | 24 39 | 25 20 | | *e* 25 22 | | 25 20 | 10 | | 5 | | 6 | 39 | 5 15 | 0 | |
| 132 | 20 | *e* 20 28 21 | | — | — | 28 20 | 29 43 | | 29 44 | | 29 43 | 16 | | 25 | | 10 | 82 | 4 58 | 0 | 32.6N, 136.9E[450] |
| 133 | 21 | 4 37 09 | | *e* 37 | 11 | *e* 37 08 | 38 32 | | 38 35 | | *e* 38 34 | 21 | | 18 | | 16 | 83 | 6 11 | 0 | 44.3N, 149.6E[70] |
| 134 | 21 | *e* 20 54 41 | | — | — | — — | *e* 55 19 | | — — | | — — | 3 | | — | | — | 38 | 2 21 | 0 | |
| 135 | 22 | *e* 22 59 51 | | — | — | *e* 59 50 | 60 21 | | 60 22 | | *e* 60 22 | 10 | | 5 | | 6 | 30 | 2 12 | 0 | |
| 136 | 25 | 19 50 13 | | — | — | — — | 50 37 | | — — | | — — | 55 | | — | | — | 24 | 4 34 | 0 | 40.8N, 143.2E[10] |
| 137 | 25 | 19 59 49 | | — | — | — — | 60 16 | | — — | | — — | 56 | | — | | — | 27 | 5 17 | 0 | 40.7N, 143.3E[20] |
| 138 | 26 | ? 2 37 28 | | — | — | — — | 37 53 | | — — | | — — | 9 | | — | | — | 25 | 1 55 | 0 | |
| 139 | 26 | 13 16 51 | | ? 16 | 50 | 16 48 | *e* 19 56 | | ? 19 52 | | — — | 10 | | 20 | | 8 | 185 | 6 54 | 0 | 27N, 127.5E[100] |
| 140 | 26 | 15 24 12 | | 24 | 12 | 24 10 | 24 29 | | 24 30 | | *e* 24 30 | 32 | | 25 | | 28 | 17 | 2 53 | 0 | |
| 141 | 27 | *e* 2 25 44 | | — | — | — — | 26 19 | | 26 19 | | 26 18 | 5 | | — | | 4 | 36 | 2 09 | 0 | 42.9N, 142.6E[100] |
| 142 | 27 | 13 53 37 | | — | — | — — | 54 20 | | *e* 54 28 | | — — | 3 | | — | | — | 43 | 3 55 | 0 | |
| 143 | 29 | 19 53 40 | | 53 | 38 | — — | — — | | — — | | — — | — | | — | | — | — | — — | 0 | |
| 144 | Jun. 2 | 11 43 19 | | — | — | 43 12 | ? 48 00 | | — — | | — — | — | | — | | — | 281 | 7 07 | 0 | 21N, 121E |
| 145 | 2 | *e* 14 02 48 | | *e* 02 | 49 | *e* 02 43 | — — | | ? 07 27 | | — — | — | | 78 | | — | 278 | 21 03 | 0 | 21N, 121E |
| 146 | 3 | 20 43 52 | | 43 | 56 | *e* 43 54 | — — | | — — | | — — | — | | — | | — | — | — — | 0 | |
| 147 | 14 | 9 31 42 | | 31 | 42 | 31 42 | ? 38 02 | | ? 38 03 | | — — | 15 | | 28 | | — | 381 | 81 19 | 0 | 20.5S, 68W |
| 148 | 15 | *i* 1 16 27 | | 16 | 25 | 16 26 | 16 46 | | 16 49 | | 16 48 | 63 | | 88 | | 40 | 19 | 8 06 | 0 | 37.3N, 141.7E[40] |
| 149 | 16 | ? 14 57 10 | | — | — | — — | 57 24 | | 57 25 | | 57 24 | 5 | | — | | 4 | 14 | 1 38 | 0 | |
| 150 | 16 | 23 — — | | — | — | — — | 11 50 | | 11 46 | | ? 11 51 | 3 | | — | | 4 | — | — — | 0 | |
| 151 | 19 | 0 36 07 | | 36 | 10 | 36 09 | 39 53 | | *e* 39 52 | | *e* 39 51 | 42 | | 543 | | — | 226 | — — | 0 | 54N, 160E |
| 152 | 19 | 1 03 14 | | 03 | 12 | 03 12 | 06 57 | | ? 06 49 | | — — | 13 | | 70 | | — | 224 | 79 21 | 0 | 54N, 161E |
| 153 | 20 | 1 08 42 | | *e* 08 | 44 | 08 40 | 09 21 | | *e* 09 21 | | 09 23 | 3 | | — | | 2 | 38 | 3 16 | 0 | |
| 154 | 22 | 1 06 31 | | 06 | 31 | *e* 06 28 | 07 08 | | *e* 07 09 | | 07 06 | 38 | | 63 | | 24 | 37 | 6 25 | 0 | 36.1N, 141.7E[0~20] |
| 155 | 22 | 3 24 30 | | *e* 24 | 31 | 24 29 | *e* 24 54 | | 24 52 | | 24 52 | 21 | | 25 | | 12 | 21 | 3 42 | 0 | 37.8N, 142.4E[20] |
| 156 | 24 | 16 16 54 | | *e* 16 | 55 | *e* 16 58 | 17 25 | | 17 27 | | *e* 17 21 | 18 | | 30 | | 12 | 31 | 7 20 | 0 | 36.1N, 142.1E[40] |
| 157 | 26 | 12 15 26 | | — | — | 15 26 | 15 41 | | 15 41 | | 15 41 | 10 | | 5 | | 4 | 15 | 1 59 | 0 | |
| 158 | 26 | 14 05 26 | | 05 | 27 | — — | 06 28 | | 06 29 | | 06 30 | 15 | | 23 | | 14 | 62 | 5 12 | 0 | 44.8N, 141.3E[280] |
| 159 | 26 | *e* 17 37 55 | | *e* 37 | 57 | — — | 39 32 | | 39 30 | | — — | 15 | | 20 | | — | 97 | 5 24 | 0 | 31N, 139E |
| 160 | 28 | *i* 1 16 09 | | *i* 16 | 09 | *i* 16 03 | 16 19 | | 16 17 | | 16 13 | 47 | | 103 | | 18 | 10 | 2 17 | I | |
| 161 | 29 | 4 52 36 | | 52 | 36 | 52 32 | 59 44 | | *e* 59 44 | | — — | — | | — | | — | 428 | 12 51 | 0 | 9.5S, 122.5E |
| 162 | Jul. 1 | 2 45 34 | | 45 | 33 | 45 31 | 45 47 | | 45 46 | | *e* 45 48 | 11 | | 8 | | 4 | 13 | 2 21 | 0 | |
| 163 | 1 | 11 30 19 | | 30 | 18 | 30 18 | 32 19 | | 32 20 | | 32 18 | 171 | | 93 | | 36 | 120 | 14 01 | 0 | 27.8N, 140E[500] |
| 164 | 4 | ? 3 06 28 | | ? 06 | 25 | — — | — — | | ? 14 44 | | — — | — | | 38 | | — | 499 | 50 08 | 0 | |
| 165 | 6 | ? 18 29 18 | | ? 29 | 21 | *e* 29 13 | ? 32 42 | | ? 32 46 | | — — | — | | — | | — | 213 | 7 00 | 0 | 26.5S, 61.5W |

# EARTHQUAKES, 1959.



| No. | Date 1959 | P E | P W | P N | P S | P Z | S E | S W | S N | S S | S Z | Maximum Amplitude E | Maximum Amplitude W | Maximum Amplitude N | Maximum Amplitude S | Maximum Amplitude Z | P~S | P~F | Intensity | Epicenter and Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | h m s | m s | m s | m s | m s | m s | m s | m s | m s | m s | μ | μ | μ | μ | μ | s | m s | | |
| 166 | Jul. 6 | ? 18 42 34 | ? 42 39 | e 42 32 | | | ? 44 54 | ? 44 53 | | | | — | — | | | — | 141 | 12 13 | 0 | 26.5S, 61.5W |
| 167 | 7 | e 16 27 09 | — — | — — | | | e 28 02 | 28 04 | 28 08 | | | 10 | 5 | | | 8 | 55 | 3 57 | 0 | 43.8N, 148E[60] |
| 168 | 7 | 23 41 28 | 41 28 | 41 27 | | | 41 52 | 41 52 | 41 53 | | | 56 | 93 | | | 46 | 24 | 6 51 | 0 | 39.7N, 143.7E[30~40] |
| 169 | 8 | 13 02 20 | — — | — — | | | 03 18 | 03 20 | 03 21 | | | 15 | 8 | | | 10 | 58 | 4 30 | 0 | 43.5N, 147.8E[60] |
| 170 | 8 | 17 25 00 | — — | e 24 58 | | | 25 18 | e 25 19 | e 25 20 | | | 12 | 5 | | | 10 | 18 | 2 49 | 0 | |
| 171 | 10 | ? 1 25 00 | — — | 24 59 | | | 25 34 | 25 37 | 25 34 | | | 6 | 10 | | | 4 | 35 | 5 12 | 0 | |
| 172 | 10 | e 17 56 19 | — — | — — | | | 56 46 | e 56 47 | ? 56 44 | | | 4 | 3 | | | 4 | 27 | 2 24 | 0 | |
| 173 | 12 | 3 24 58 | e 24 57 | 24 58 | | | 26 19 | 26 17 | 26 19 | | | 15 | 18 | | | 12 | 81 | 7 48 | 0 | 44N, 149E[60] |
| 174 | 13 | 21 35 40 | e 35 40 | e 35 38 | | | e 41 03 | e 41 04 | — — | | | — | — | | | — | 323 | 22 53 | 0 | 52N, 172.5E |
| 175 | 15 | 17 21 03 | 21 02 | 21 00 | | | 21 19 | 21 20 | e 21 20 | | | 31 | 38 | | | 26 | 16 | 4 03 | 0 | 37.9N, 141.9E[40] |
| 176 | 16 | ? 22 35 20 | — — | — — | | | e 35 36 | ? 35 43 | e 35 34 | | | 3 | — | | | — | 16 | 1 40 | 0 | |
| 177 | 18 | ? 0 40 51 | — — | — — | | | 41 09 | e 41 07 | e 41 07 | | | 4 | — | | | 4 | 18 | 1 42 | 0 | |
| 178 | 19 | 5 00 54 | 00 52 | 00 52 | | | 05 39 | 05 31 | e 05 40 | | | 63 | 148 | | | — | 285 | 34 35 | 0 | 15.5N, 120.5E |
| 179 | 20 | 0 25 28 | 25 31 | 25 25 | | | e 29 04 | e 29 02 | ? 29 03 | | | — | — | | | — | 211 | 15 40 | 0 | |
| 180 | 20 | 11 49 35 | 49 34 | 49 34 | | | 56 20 | 56 20 | 56 22 | | | 32 | 15 | | | — | 405 | 14 56 | 0 | 6S, 110E |
| 181 | 21 | 6 11 32 | — — | e 11 30 | | | 11 46 | 11 46 | e 11 45 | | | 7 | 5 | | | 4 | 15 | 1 51 | 0 | |
| 182 | 21 | 23 36 44 | — — | 36 45 | | | 36 57 | — — | e 36 59 | | | 10 | — | | | — | 14 | 1 23 | 0 | |
| 183 | 22 | e 0 44 43 | — — | — — | | | 45 08 | e 45 08 | e 45 07 | | | 1 | — | | | — | 25 | 2 34 | 0 | |
| 184 | 23 | 4 27 39 | 27 39 | 27 36 | | | 30 13 | 30 16 | 30 16 | | | 32 | 73 | | | 20 | 154 | — — | 0 | 53N, 153E |
| 185 | 23 | ? 4 35 18 | ? 35 28 | ? 35 28 | | | 37 23 | e 37 23 | ? 37 20 | | | 6 | 15 | | | — | 115 | 9 30 | 0 | |
| 186 | 23 | 8 10 48 | 10 44 | — — | | | ? 17 58 | ? 17 48 | — — | | | — | — | | | — | 424 | 36 28 | 0 | 5S, 152.5E |
| 187 | 23 | 22 46 00 | i 46 01 | i 46 00 | | | 46 18 | i 46 17 | e 46 16 | | | 133 | 178 | | | 50 | 16 | 5 43 | 0 | 38.5N, 140.4E[120] |
| 188 | 24 | e 11 46 39 | — — | e 46 38 | | | 47 14 | 47 16 | e 47 17 | | | 14 | 8 | | | 12 | 36 | 4 44 | 0 | 43.3N, 147.2E[100~120] |
| 189 | 26 | i 6 21 14 | i 21 13 | i 21 13 | | | i 21 35 | i 21 34 | i 21 34 | | | 99 | 135 | | | 66 | 21 | 7 28 | 0 | 36.8N, 140.5E[80] |
| 190 | 27 | 6 20 45 | — — | — — | | | 20 58 | 20 57 | 20 58 | | | 8 | 5 | | | 4 | 13 | 1 35 | 0 | |
| 191 | 30 | 0 28 00 | — — | — — | | | 28 25 | 28 25 | e 28 25 | | | 4 | 3 | | | 4 | 25 | 2 09 | 0 | |
| 192 | 31 | ? 2 02 51 | — — | — — | | | 03 17 | e 03 15 | e 03 19 | | | 6 | 5 | | | 6 | 17 | 3 29 | 0 | |
| 193 | Aug. 3 | ? 22 11 07 | ? 11 05 | ? 11 06 | | | ? 11 40 | ? 11 41 | ? 11 40 | | | 2 | 3 | | | — | 33 | 4 25 | 0 | |
| 194 | 6 | 15 — — | — — | — — | | | 37 00 | — — | — — | | | 5 | — | | | — | — | — — | 0 | |
| 195 | 7 | 12 — — | — — | — — | | | 35 45 | — — | — — | | | 10 | — | | | — | — | — — | 0 | |
| 196 | 7 | 13 — — | — — | e 40 23 | | | 40 30 | 40 27 | e 40 27 | | | 57 | 35 | | | 4 | 04 | 1 14 | 0 | |
| 197 | 8 | 9 52 31 | 52 30 | 52 29 | | | 56 30 | e 56 28 | 56 28 | | | 5 | — | | | — | 239 | 15 58 | 0 | |
| 198 | 8 | 10 — — | — — | — — | | | 46 03 | 46 02 | e 46 03 | | | 23 | 8 | | | 2 | — | — — | 0 | |
| 199 | 8 | 11 — — | — — | — — | | | 15 06 | 15 05 | e 15 06 | | | 5 | — | | | — | — | — — | 0 | |
| 200 | 9 | e 12 11 46 | — — | e 11 48 | | | 12 10 | 12 12 | e 12 10 | | | 8 | 8 | | | 4 | 24 | 2 12 | 0 | |
| 201 | 12 | 0 — — | — — | — — | | | 27 46 | — — | 27 46 | | | 20 | — | | | 10 | — | — — | 0 | |
| 202 | 13 | e 2 35 36 | — — | 35 36 | | | 35 55 | 35 55 | e 35 58 | | | 12 | 13 | | | 12 | 19 | 3 01 | 0 | |
| 203 | 13 | 7 — — | — — | — — | | | 22 00 | 22 00 | 22 00 | | | 10 | 5 | | | — | — | — — | 0 | |
| 204 | 13 | ? 12 16 11 | e 16 15 | 16 15 | | | 16 25 | 16 26 | ? 16 25 | | | 8 | 10 | | | 6 | 11 | 2 39 | 0 | 37.2N, 141.7E[50] |
| 205 | 15 | 18 02 21 | 02 21 | 02 20 | | | 06 40 | 06 35 | e 06 37 | | | 81 | 2293 | | | — | 254 | 49 22 | 0 | 22N, 120E[S] |
| 206 | 15 | 21 — — | — — | 22 14 | | | e 22 32 | e 22 30 | ? 22 35 | | | 3 | — | | | 2 | 18 | 2 30 | 0 | |
| 207 | 16 | 10 26 29 | ? 26 33 | — — | | | ? 31 17 | ? 31 13 | — — | | | — | — | | | — | 284 | 18 57 | 0 | |
| 208 | 17 | 10 — — | — — | — — | | | ? 07 54 | — — | — — | | | 2 | — | | | — | — | — — | 0 | |
| 209 | 17 | e 21 22 15 | — — | — — | | | e 22 48 | — — | — — | | | 2 | — | | | — | 33 | 2 05 | 0 | |
| 210 | 18 | 1 33 51 | 33 54 | 33 51 | | | e 34 08 | e 34 08 | ? 34 12 | | | 20 | 20 | | | 16 | 17 | 4 47 | 0 | |
| 211 | 18 | 6 13 33 | 13 33 | 13 32 | | | 20 06 | 20 30 | ? 20 34 | | | 130 | 675 | | | — | 424 | 90 44 | 0 | 7.5S, 156E |
| 212 | 18 | 7 44 40 | 44 39 | 44 38 | | | 45 05 | 45 01 | e 45 02 | | | 14 | 10 | | | 10 | 26 | 6 40 | 0 | |
| 213 | 18 | 7 59 58 | — — | — — | | | 60 22 | e 60 19 | ? 60 26 | | | 3 | — | | | — | 24 | 2 37 | 0 | |
| 214 | 18 | 9 37 54 | ? 37 53 | — — | | | — — | — — | — — | | | — | — | | | — | — | — — | 0 | |
| 215 | 18 | 9 38 59 | 39 00 | 39 00 | | | 43 01 | 43 01 | 43 02 | | | 24 | 18 | | | 32 | 241 | 8 36 | 0 | 22°N, 121.5E |
| 216 | 18 | 15 49 01 | 49 01 | e 49 00 | | | 58 39 | 58 36 | — — | | | 74 | 645 | | | — | 578 | 103 10 | 0 | 44.5N, 111W |
| 217 | 19 | 23 25 27 | e 25 24 | 25 23 | | | 25 49 | 25 50 | 25 48 | | | 40 | 50 | | | 18 | 22 | 5 33 | 0 | 36.9N, 141.8E[40] |
| 218 | 20 | 13 37 23 | e 37 25 | 37 21 | | | 37 44 | 37 43 | 37 43 | | | 15 | 23 | | | 10 | 21 | 2 47 | 0 | |
| 219 | 21 | 10 — — | — — | — — | | | 54 08 | 54 08 | — — | | | 4 | 5 | | | — | — | — — | 0 | |
| 220 | 25 | 4 36 01 | 36 01 | 35 59 | | | 36 16 | 36 17 | e 36 14 | | | 9 | 3 | | | 4 | 15 | 2 40 | 0 | 37.9N, 141.9E[40] |

# EARTHQUAKES, 1959.



| No. | Date 1959 | P E | P W | P N | P S | P Z | S E | S W | S N | S S | S Z | Maximum Amplitude E | Maximum Amplitude W | Maximum Amplitude N | Maximum Amplitude S | Maximum Amplitude Z | P ~ S | P ~ F | Intensity | Epicenter and Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | h m s | | m s | | m s | m s | | m s | | m s | μ | μ | | | μ | s | m s | | |
| 221 | Aug. 25 | 6 40 21 | | 40 17 | | 40 19 | e 47 37 | | 47 43 | | — — | 10 | 138 | | | — | 442 | 95 44 | 0 | 10.5S, 161E |
| 222 | 27 | ? 13 53 56 | | — — | | — — | 54 11 | | 54 10 | | e 54 10 | 6 | 8 | | | 6 | 14 | 2 14 | 0 | |
| 223 | 28 | e 11 24 41 | | — — | | — — | ? 25 25 | | ? 25 27 | | ? 25 29 | 5 | 8 | | | 4 | 44 | 2 50 | 0 | |
| 224 | 28 | ? 11 30 51 | | — — | | — — | ? 31 27 | | ? 31 30 | | — — | 3 | — | | | — | 36 | 2 14 | 0 | |
| 225 | 28 | e 14 51 16 | | 51 17 | | e 51 10 | 51 40 | | e 51 45 | | ? 51 43 | 10 | 13 | | | 8 | 23 | 3 43 | 0 | |
| 226 | 30 | e 0 51 04 | | — — | | — — | 51 33 | | ? 51 26 | | e 51 13 | 4 | — | | | 2 | 29 | 2 39 | 0 | |
| 227 | 30 | 2 08 56 | | 08 56 | | ? 08 57 | ? 13 46 | | ? 13 34 | | — — | 70 | 198 | | | — | 290 | 59 14 | 0 | 52N, 106.5E |
| 228 | 30 | e 10 32 39 | | — — | | e 32 40 | 33 03 | | 33 02 | | e 33 02 | 5 | 5 | | | 4 | 24 | 4 08 | 0 | |
| 229 | Sept. 2 | 17 — — | | — — | | — — | 11 53 | | ? 11 58 | | e 11 51 | 4 | 5 | | | 4 | — | — — | 0 | |
| 230 | 3 | ? 15 36 06 | | ? 36 05 | | — — | ? 42 57 | | ? 42 59 | | — — | 4 | 25 | | | — | 411 | 19 00 | 0 | |
| 231 | 5 | 15 15 23 | | ? 15 23 | | e 15 22 | 21 28 | | 21 28 | | — — | 11 | 13 | | | — | 364 | 16 56 | 0 | 1N, 129E |
| 232 | 6 | e 15 40 41 | | — — | | — — | e 41 03 | | — — | | — — | 3 | — | | | — | 22 | 1 50 | 0 | |
| 233 | 6 | e 16 05 11 | | ? 05 10 | | — — | 05 43 | | 05 42 | | — — | 11 | 13 | | | 8 | 32 | 4 05 | 0 | 42N, 142.5E[40] |
| 234 | 8 | 19 04 15 | | 04 15 | | 04 12 | 04 44 | | 04 44 | | 04 44 | 91 | 90 | | | 54 | 29 | 6 31 | 0 | 36.4N, 140.7E[50] |
| 235 | 9 | 4 20 35 | | 20 34 | | 20 32 | 21 12 | | 21 14 | | e 21 13 | 107 | 130 | | | 44 | 37 | 8 28 | 0 | 42.3N, 143.1E[60] |
| 236 | 11 | 0 46 58 | | 47 00 | | 47 00 | 47 44 | | e 47 41 | | — — | 9 | 5 | | | 8 | 46 | 3 39 | 0 | |
| 237 | 11 | e 10 29 56 | | — — | | — — | 30 35 | | 30 35 | | — — | 5 | 5 | | | — | 39 | 3 10 | 0 | |
| 238 | 12 | ? 11 01 58 | | e 01 56 | | e 01 53 | ? 08 12 | | e 08 14 | | — — | — | — | | | — | 378 | 46 17 | 0 | 3S, 146.5E |
| 239 | 14 | ? 7 48 19 | | — — | | — — | — — | | — — | | — — | — | — | | | — | — | 11 36 | 0 | |
| 240 | 14 | 23 21 45 | | 21 46 | | e 21 44 | e 31 12 | | ? 31 11 | | — — | 28 | 495 | | | — | 567 | 84 29 | 0 | 28.5S, 177W |
| 241 | 15 | 1 51 49 | | e 51 48 | | 51 47 | 52 24 | | 52 23 | | 52 26 | 19 | 15 | | | 10 | 36 | 4 15 | 0 | 42.1N, 142.6E[50] |
| 242 | 15 | 2 — — | | — — | | — — | 26 49 | | 26 51 | | e 26 49 | 16 | 5 | | | 10 | — | — — | 0 | |
| 243 | 15 | e 12 45 23 | | ? 45 24 | | — — | ? 45 48 | | ? 45 50 | | ? 45 48 | 2 | 3 | | | 4 | 26 | 3 05 | 0 | |
| 244 | 15 | 15 11 46 | | e 11 46 | | 11 44 | ? 21 48 | | 21 44 | | — — | — | 60 | | | — | 598 | 87 05 | 0 | 28.5S, 177W |
| 245 | 15 | 20 15 59 | | 16 00 | | 15 59 | 24 28 | | 24 30 | | — — | — | — | | | — | 509 | 13 59 | 0 | 21.5S, 179.5W |
| 246 | 16 | e 0 09 57 | | e 09 55 | | e 09 59 | 10 58 | | 10 59 | | e 11 01 | 33 | 38 | | | 22 | 60 | 4 24 | 0 | 43.1N, 146.8E[60] |
| 247 | 17 | e 14 08 00 | | — — | | 08 00 | 08 12 | | 08 11 | | e 08 12 | 12 | 8 | | | 12 | 12 | 1 54 | 0 | |
| 248 | 19 | i 13 11 26 | | i 11 26 | | ? 11 26 | 11 38 | | 11 39 | | 11 39 | 174 | 163 | | | 60 | 12 | 7 14 | II | 38.5N, 142.2E[60] |
| 249 | 21 | 9 — — | | — — | | — — | ? 36 29 | | — — | | — — | 3 | — | | | — | — | — — | 0 | |
| 250 | 22 | ? 3 34 56 | | — — | | — — | 35 12 | | e 35 10 | | ? 35 11 | 3 | 3 | | | 4 | 16 | 1 17 | 0 | |
| 251 | 24 | 22 — — | | — — | | — — | 47 03 | | — — | | — — | 3 | — | | | — | — | — — | 0 | |
| 252 | 25 | 11 42 08 | | 42 09 | | 42 06 | 46 25 | | 46 20 | | — — | 30 | 133 | | | — | 257 | 31 39 | 0 | 22N, 122E |
| 253 | 26 | 4 — — | | — — | | — — | 22 14 | | 22 11 | | e 22 13 | 5 | 8 | | | — | — | — — | 0 | |
| 254 | 27 | ? 9 22 43 | | — — | | ? 22 40 | ? 22 57 | | ? 22 59 | | ? 22 56 | 11 | 8 | | | 4 | 14 | 1 30 | 0 | |
| 255 | 30 | 1 — — | | — — | | — — | — — | | — — | | — — | — | 15 | | | — | — | — — | 0 | |
| 256 | Oct. 4 | ? 5 04 25 | | 04 20 | | 04 17 | 05 19 | | 05 17 | | 05 18 | 20 | 13 | | | 16 | 57 | 4 28 | 0 | 43.2N, 146.3E[40] |
| 257 | 7 | ? 2 28 45 | | — — | | ? 28 48 | 29 14 | | 29 14 | | ? 29 13 | 10 | — | | | 6 | 29 | 3 12 | 0 | 42.1N, 142.3E[80] |
| 258 | 8 | ? 6 00 54 | | ? 00 58 | | ? 00 49 | — — | | — — | | — — | — | — | | | — | — | — — | 0 | |
| 259 | 11 | 1 — — | | — — | | — — | 24 19 | | 24 20 | | e 24 20 | 6 | 3 | | | 6 | — | — — | 0 | |
| 260 | 11 | 18 34 39 | | 34 38 | | 34 35 | 35 04 | | 35 07 | | e 35 03 | 63 | 93 | | | 44 | 25 | 5 53 | 0 | 41.5N, 142.1E[70] |
| 261 | 12 | e 18 59 38 | | e 59 41 | | ? 59 38 | 60 09 | | 60 10 | | ? 60 10 | 15 | 15 | | | 10 | 31 | 3 09 | 0 | 36.4N, 141.1E[40] |
| 262 | 14 | ? 3 28 09 | | — — | | — — | 28 30 | | 28 29 | | ? 28 30 | 5 | 5 | | | 2 | 22 | 2 14 | 0 | |
| 263 | 15 | 1 41 08 | | 41 08 | | ? 41 06 | 41 25 | | e 41 26 | | ? 41 23 | 9 | 8 | | | 6 | 17 | 2 22 | 0 | 37.1N, 141.2E[40] |
| 264 | 15 | e 15 23 44 | | e 23 50 | | 23 40 | ? 30 10 | | e 30 05 | | — — | 20 | 55 | | | — | 385 | 52 19 | 0 | 0.5N, 120.5E |
| 265 | 15 | ? 16 16 03 | | — — | | — — | 16 31 | | ? 16 30 | | e 16 32 | 2 | — | | | 4 | 28 | 2 34 | 0 | |
| 266 | 15 | 16 42 37 | | — — | | — — | 43 50 | | 43 50 | | 43 49 | 15 | 20 | | | 14 | 73 | 3 41 | 0 | 44N, 149E[80] |
| 267 | 16 | 18 09 20 | | — — | | — — | 09 34 | | 09 33 | | 09 33 | 5 | — | | | — | 14 | 1 33 | 0 | |
| 268 | 17 | 16 — — | | — — | | — — | 25 59 | | 25 58 | | 26 01 | 6 | 5 | | | — | 107 | 3 15 | 0 | |
| 269 | 19 | ? 11 48 55 | | e 48 53 | | e 48 52 | 49 51 | | 49 51 | | 49 52 | 49 | 63 | | | 42 | 58 | 4 09 | 0 | 43.5N, 148E[60] |
| 270 | 20 | 1 52 10 | | 52 09 | | 52 07 | 52 40 | | 52 40 | | ? 52 40 | 10 | 5 | | | 6 | 30 | 2 50 | 0 | 36.4N, 140.5E[80] |
| 271 | 20 | 4 — — | | — — | | — — | 57 14 | | 57 14 | | e 57 17 | 6 | 5 | | | 6 | — | — — | 0 | |
| 272 | 20 | 17 02 18 | | ? 02 22 | | 02 15 | 03 08 | | e 03 07 | | 03 09 | 15 | 10 | | | 8 | 50 | 2 25 | 0 | 43.1N,1390E[220] |
| 273 | 26 | 16 35 46 | | 35 46 | | i 35 46 | — — | | 36 24 | | e 36 27 | ⊕ | 2615 | | | 798 | 38 | 123 28 | II | 37.6N, 143.2E[20] |
| 274 | 26 | 20 01 24 | | e 01 24 | | — — | 01 57 | | e 01 59 | | ? 01 52 | 9 | 8 | | | 4 | 32 | 3 39 | 0 | |
| 275 | 27 | e 4 09 10 | | e 09 10 | | e 09 12 | 09 37 | | 09 38 | | 09 38 | 5 | 5 | | | 6 | 27 | 3 56 | 0 | |

# EARTHQUAKES, 1959.



| No. | Date 1959 | P E | P W | P N | P S | P Z | S E | S W | S N | S S | S Z | Maximum Amplitude E | Maximum Amplitude W | Maximum Amplitude N | Maximum Amplitude S | Maximum Amplitude Z | P ~ S | P ~ F | Intensity | Epicenter and Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | h m s | | m s | | m s | m s | | m s | | m s | μ | | μ | | μ | s | m s | | |
| 276 | Oct. 27 | *i* 15 55 11 | | 55 10 | | *e* 55 10 | 56 50 | | 56 53 | | 56 51 | 453 | | 725 | | 300 | 99 | 61 13 | 0 | 45.5N, 151.8E[100] |
| 277 | 27 | 22 23 08 | | *e* 23 09 | | 23 09 | 23 30 | | 23 35 | | *e* 23 26 | 11 | | 13 | | 10 | 22 | 2 43 | 0 | |
| 278 | 28 | 7 17 30 | | 17 30 | | 17 28 | 17 58 | | 18 02 | | *e* 17 56 | 71 | | 53 | | 24 | 28 | 5 32 | 0 | 37.5N, 143.3E[20] |
| 279 | 28 | 7 39 42 | | ? 39 40 | | 39 40 | 40 16 | | *e* 40 18 | | 40 14 | 9 | | 13 | | 6 | 34 | 1 58 | 0 | |
| 280 | 29 | ? 19 38 55 | | — — | | — — | 39 37 | | 39 34 | | 39 35 | 13 | | 13 | | 8 | 42 | 4 43 | 0 | 46N, 151E[60] |
| 281 | 29 | 23 32 28 | | 32 29 | | 32 29 | 34 04 | | 34 03 | | ? 34 15 | 72 | | 70 | | 34 | 96 | 7 33 | 0 | 43N, 131E[550] |
| 282 | 30 | *e* 4 50 59 | | 50 58 | | *e* 50 58 | *e* 51 50 | | 51 48 | | — — | 18 | | 23 | | — | 49 | 4 14 | 0 | 36.0N, 140.4E[40] |
| 283 | Nov. 2 | *e* 17 48 04 | | 48 02 | | — — | 51 12 | | 51 12 | | — — | 22 | | 15 | | — | 190 | 9 12 | 0 | 22.5N, 144.5E |
| 284 | 3 | 17 28 46 | | 28 45 | | 28 44 | 29 02 | | 29 02 | | 29 02 | 20 | | 38 | | 18 | 16 | 2 23 | 0 | 40.2N, 140.4E[0~10] |
| 285 | 6 | 0 02 40 | | 02 40 | | 02 37 | *e* 05 03 | | 05 03 | | ? 05 05 | 5 | | — | | — | 143 | 5 58 | 0 | |
| 286 | 7 | 12 01 25 | | *e* 01 25 | | 01 23 | 01 49 | | *e* 01 53 | | 01 50 | 35 | | 28 | | 20 | 24 | 3 28 | 0 | |
| 287 | 8 | *i* 22 56 17 | | 56 14 | | 56 14 | 57 30 | | 57 23 | | *e* 57 27 | — | | 528 | | 124 | 70 | 39 32 | 0 | 43.8N, 140.6E[0~10] |
| 288 | 9 | *e* 8 54 26 | | — — | | *e* 54 25 | 54 51 | | 54 49 | | *e* 54 48 | 5 | | 5 | | 4 | 25 | 3 38 | 0 | |
| 289 | 15 | 2 — — | | — — | | — — | ? 32 15 | | — — | | — — | 2 | | — | | 2 | — | — — | 0 | |
| 290 | 16 | ? 2 21 57 | | ? 21 43 | | *e* 21 32 | ? 31 54 | | ? 31 49 | | ? 32 00 | 21 | | 93 | | — | 617 | 75 14 | 0 | 37.5N, 20.5E |
| 291 | 17 | 23 — — | | — — | | — — | ? 55 57 | | 55 58 | | — — | 4 | | 5 | | — | — | — — | 0 | |
| 292 | 19 | 20 16 56 | | 16 54 | | 16 55 | 23 20 | | 23 24 | | *e* 23 22 | 46 | | 25 | | — | 385 | 23 56 | 0 | 5.5S, 146.0E |
| 293 | 20 | 0 — — | | — — | | — — | 07 38 | | 07 38 | | *e* 07 39 | 11 | | 5 | | 4 | — | — — | 0 | |
| 294 | 24 | ? 5 57 04 | | ? 57 01 | | 57 01 | 57 17 | | 57 16 | | 57 18 | 54 | | 28 | | 20 | 17 | 4 08 | 0 | 38.7N, 140.6E[140] |
| 295 | 26 | 13 — — | | — — | | — — | 13 45 | | 13 46 | | ? 13 46 | 5 | | 8 | | 2 | — | — — | 0 | |
| 296 | 26 | 16 — — | | — — | | — — | ? 16 10 | | ? 16 12 | | 16 09 | 5 | | 10 | | 4 | — | — — | 0 | |
| 297 | 28 | *e* 2 14 59 | | *e* 14 56 | | — — | 15 17 | | 15 16 | | — — | 9 | | 8 | | — | 18 | 2 17 | 0 | 36.8N, 141.2E[40] |
| 298 | 30 | 0 30 20 | | 30 20 | | *e* 30 19 | 30 42 | | 30 41 | | *e* 30 37 | 9 | | 5 | | 2 | 22 | 2 03 | 0 | 37.3N, 141.9E[60] |
| 299 | Dec. 2 | 18 42 08 | | 42 09 | | 42 07 | 48 32 | | *e* 48 30 | | ? 48 25 | 7 | | — | | — | 384 | 36 14 | 0 | 1S, 123E |
| 300 | 7 | *e* 14 18 26 | | 18 31 | | — — | ? 18 57 | | — — | | — — | 5 | | 5 | | — | 26 | 2 19 | 0 | |
| 301 | 8 | 12 00 36 | | 00 35 | | 00 35 | 00 56 | | *e* 00 55 | | 01 00 | 136 | | 183 | | 80 | 20 | 7 15 | I | 37.3N, 141.7E[40] |
| 302 | 8 | ? 17 49 04 | | — — | | ? 49 02 | 49 22 | | ? 49 21 | | ? 49 20 | 5 | | 5 | | 4 | 18 | 2 05 | 0 | |
| 303 | 12 | 13 — — | | — — | | — — | *e* 49 05 | | *e* 49 04 | | 49 04 | 5 | | 5 | | 2 | — | — — | 0 | |
| 304 | 13 | ? 12 21 49 | | ? 21 48 | | *e* 21 48 | ? 22 08 | | 22 08 | | 22 07 | 26 | | 28 | | 12 | 19 | 4 42 | 0 | 42.0N, 142.1E[40] |
| 305 | 14 | 22 — — | | — — | | — — | 35 37 | | 35 34 | | — — | 6 | | — | | — | — | — — | 0 | |
| 306 | 15 | 3 05 29 | | 05 27 | | 05 28 | 10 59 | | 10 57 | | *e* 10 57 | — | | — | | — | 330 | 11 22 | 0 | 5N, 12.6E |
| 307 | 17 | *i* 14 05 17 | | — — | | 05 16 | *i* 05 35 | | — — | | *e* 05 39 | 129 | | — | | 94 | 19 | 6 46 | 0 | 40.0N, 142.4E[30] |
| 308 | 18 | 16 — — | | — — | | — — | 03 50 | | *e* 03 47 | | — — | 9 | | 8 | | — | — | — — | 0 | |
| 309 | 19 | 1 32 05 | | ? 32 00 | | 32 02 | — — | | — — | | — — | — | | — | | — | — | 23 20 | 0 | 53N, 168.5E |
| 310 | 22 | ? 14 23 04 | | *e* 22 58 | | 22 58 | ? 23 24 | | 23 21 | | ? 23 26 | 8 | | — | | 4 | 24 | 2 41 | 0 | 41.2N, 140.8E[S] |
| 311 | 23 | 2 20 50 | | 20 49 | | *i* 20 49 | 21 07 | | 21 13 | | *e* 21 07 | 220 | | 463 | | 132 | 18 | 11 52 | I | 37.7N, 142.0E[40] |
| 312 | 26 | ? 5 41 27 | | — — | | ? 41 29 | 41 43 | | 41 41 | | *e* 41 44 | 10 | | 5 | | — | 16 | 1 38 | 0 | 41.0N, 142.1E[60] |
| 313 | 26 | ? 8 30 03 | | — — | | — — | 30 16 | | 30 19 | | *e* 30 16 | 14 | | 25 | | 6 | 14 | 2 07 | 0 | |
| 314 | 28 | 0 — — | | 57 53 | | 57 54 | — — | | 61 58 | | 61 58 | — | | 735 | | — | 236 | 76 40 | 0 | 56N, 162.5E |
| 315 | 28 | 16 24 55 | | 24 54 | | 24 55 | ? 28 32 | | *e* 28 26 | | ? 28 28 | 13 | | 27 | | — | 212 | 84 24 | 0 | 52.5N, 160E |
| 316 | 28 | 22 08 57 | | 08 54 | | 08 54 | ? 12 33 | | 12 30 | | ? 12 38 | 7 | | 18 | | — | 216 | 18 26 | 0 | |
| 317 | 30 | 5 39 40 | | 39 40 | | 39 39 | *e* 43 11 | | *e* 43 16 | | ? 43 15 | 15 | | 8 | | — | 211 | 8 55 | 0 | 18N, 145E |

# PULSATORY OSCILLATIONS, 1959. (*EW Component.*)



| No. | Beginning | | | Ending | | | Maximum | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Date | | | Date | | | Date | | | | Double Amplitude |
| | Month | Day | Hour | Month | Day | Hour | Day | Hour | — Day | Hour | $\mu$ |
| 1 | Jan. | 2 | 5 | Jan. | 3 | 9 | 2 | 14 | 2 | 2 | 6 |
| 2 | | 3 | 18 | | 7 | 20 | 4 | 23 | 5 | 22 | 15 |
| 3 | | 9 | 17 | | 12 | 22 | 10 | 4 | 10 | 12 | 8 |
| 4 | | 13 | 1 | | 15 | 18 | 13 | 17 | 15 | 9 | 11 |
| 5 | | 15 | 18 | | 22 | 10 | 16 | 5 | 19 | 20 | 17 |
| 6 | | 23 | 7 | | 24 | 11 | 23 | 10 | 23 | 22 | 5 |
| 7 | | 25 | 3 | | 27 | 2 | 25 | 13 | 26 | 14 | 15 |
| 8 | | 28 | 4 | | 29 | 9 | 28 | 8 | 28 | 22 | 7 |
| 9 | | 30 | 3 | Feb. | 2 | 9 | 30 | 12 | 31 | 23 | 22 |
| 10 | Feb. | 3 | 1 | | 5 | 6 | 3 | 8 | 3 | 23 | 7 |
| 11 | | 6 | 21 | | 8 | 10 | 7 | 0 | 7 | 20 | 20 |
| 12 | | 8 | 22 | | 12 | 11 | 10 | 2 | 11 | 9 | 12 |
| 13 | | 12 | 21 | | 15 | 13 | 13 | 12 | 14 | 1 | 10 |
| 14 | | 15 | 13 | | 19 | 11 | 16 | 7 | 16 | 19 | 7 |
| 15 | | 20 | 8 | | 21 | 23 | 20 | 9 | 21 | 10 | 21 |
| 16 | | 24 | 19 | | 25 | 11 | 25 | 5 | 25 | 9 | 2 |
| 17 | Mar. | 2 | 7 | Mar. | 5 | 13 | 2 | 10 | 3 | 22 | 10 |
| 18 | | 6 | 13 | | 10 | 9 | 8 | 17 | 9 | 22 | 10 |
| 19 | | 10 | 9 | | 16 | 11 | 11 | 10 | 12 | 14 | 10 |
| 20 | | 17 | 9 | | 21 | 4 | 18 | 16 | 19 | 20 | 5 |
| 21 | | 22 | 10 | | 26 | 18 | 22 | 17 | 23 | 22 | 16 |
| 22 | | 30 | 8 | Apr. | 1 | 3 | 30 | 15 | 31 | 9 | 20 |
| 23 | Apr. | 4 | 17 | | 8 | 6 | 6 | 0 | 7 | 3 | 20 |
| 24 | | 9 | 3 | | 13 | 2 | 10 | 1 | 12 | 3 | 10 |
| 25 | | 13 | 6 | | 16 | 9 | 13 | 14 | 14 | 15 | 23 |
| 26 | | 16 | 15 | | 19 | 12 | 17 | 10 | 19 | 1 | 10 |
| 27 | | 22 | 9 | | 26 | 10 | 23 | 10 | 24 | 6 | 20 |
| 28 | | 27 | 9 | | 29 | 23 | 27 | 23 | 29 | 2 | 13 |
| 29 | May | 2 | 9 | May | 3 | 13 | 2 | 17 | 3 | 5 | 10 |
| 30 | | 5 | 5 | | 6 | 18 | 5 | 12 | 6 | 6 | 10 |
| 31 | | 8 | 15 | | 9 | 1 | 8 | 17 | 8 | 23 | 3 |
| 32 | | 10 | 6 | | 15 | 20 | 11 | 14 | 12 | 22 | 5 |
| 33 | | 16 | 14 | | 18 | 10 | 16 | 23 | 17 | 22 | 8 |
| 34 | | 18 | 13 | | 21 | 4 | 19 | 9 | 20 | 21 | 11 |
| 35 | | 25 | 9 | | 27 | 19 | 25 | 20 | 26 | 23 | 7 |
| 36 | Jun | 3 | 6 | Jun | 5 | 9 | 4 | 2 | 4 | 19 | 3 |
| 37 | | 7 | 7 | | 8 | 9 | 7 | 19 | 9 | 2 | 2 |
| 38 | | 10 | 20 | | 13 | 23 | 11 | 15 | 13 | 6 | 30 |
| 39 | | 20 | 11 | | 21 | 11 | 20 | 19 | 21 | 4 | 2 |
| 40 | | 22 | 8 | | 23 | 17 | 22 | 15 | 23 | 6 | 3 |
| 41 | Jul. | 2 | 20 | Jul. | 4 | 13 | 3 | 10 | 4 | 3 | 7 |
| 42 | | 8 | 23 | | 10 | 10 | 9 | 4 | 9 | 19 | 7 |
| 43 | | 11 | 4 | | 12 | 1 | 11 | 9 | 11 | 20 | 3 |
| 44 | | 15 | 9 | | 16 | 10 | 15 | 16 | 16 | 1 | 7 |
| 45 | Aug. | 5 | 6 | Aug. | 8 | 9 | 5 | 18 | 7 | 16 | 11 |
| 46 | | 9 | 7 | | 15 | 23 | 9 | 15 | 10 | 23 | 37 |
| 47 | | 26 | 9 | | 29 | 11 | 26 | 21 | 27 | 22 | 8 |
| 48 | Sep. | 3 | 1 | Sep. | 4 | 3 | 3 | 9 | 3 | 18 | 5 |
| 49 | | 8 | 11 | | 11 | 14 | 8 | 19 | 9 | 20 | 8 |
| 50 | | 17 | 9 | | 19 | 23 | 18 | 9 | 19 | 8 | 11 |
| 51 | | 25 | 3 | | 30 | 15 | 26 | 17 | 28 | 20 | 63 |
| 52 | Oct. | 8 | 13 | Oct. | 9 | 11 | 8 | 18 | 9 | 3 | 7 |
| 53 | | 10 | 19 | | 12 | 20 | 11 | 10 | 12 | 7 | 10 |
| 54 | | 14 | 9 | | 17 | 21 | 15 | 2 | 15 | 22 | 7 |
| 55 | | 19 | 9 | | 21 | 23 | 19 | 13 | 20 | 12 | 14 |
| 56 | | 21 | 23 | | 25 | 4 | 22 | 19 | 23 | 9 | 14 |
| 57 | | 27 | 22 | | 31 | 20 | 28 | 1 | 28 | 22 | 7 |
| 58 | Nov. | 2 | 6 | Nov. | 4 | 20 | 2 | 17 | 3 | 22 | 7 |
| 59 | | 6 | 23 | | 10 | 4 | 7 | 7 | 7 | 23 | 16 |
| 60 | | 12 | 9 | | 13 | 21 | 12 | 20 | 13 | 14 | 9 |
| 61 | | 15 | 18 | | 16 | 11 | 15 | 20 | 16 | 3 | 5 |
| 62 | | 21 | 12 | | 23 | 4 | 21 | 21 | 22 | 19 | 10 |
| 63 | | 24 | 15 | | 26 | 7 | 24 | 22 | 25 | 15 | 16 |
| 64 | Dec. | 3 | 8 | Dec. | 8 | 9 | 3 | 15 | 5 | 12 | 13 |
| 65 | | 10 | 7 | | 11 | 9 | 10 | 15 | 10 | 23 | 4 |
| 66 | | 14 | 12 | | 15 | 10 | 14 | 14 | 15 | 1 | 5 |
| 67 | | 16 | 9 | | 18 | 2 | 16 | 23 | 17 | 12 | 7 |
| 68 | | 19 | 7 | | 20 | 10 | 19 | 10 | 20 | 2 | 8 |
| 69 | | 21 | 4 | | 22 | 13 | 21 | 9 | 21 | 22 | 5 |
| 70 | | 23 | 23 | | 26 | 17 | 24 | 14 | 25 | 1 | 11 |
| 71 | | 28 | 20 | | 30 | 19 | 29 | 6 | 29 | 23 | 4 |
| 72 | | 31 | 14 | Jan. (1960) | 2 | 11 | 31 | 23 | Jan.(1960) 2 | 1 | 20 |
| 73 | | | | | | | | | | | |