

ABSTRACT FOR THE MONTH OF JUNE, 1898.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 187 feet, C. H. McLEOD, Superintendent.

| DAY | THERMOMETER. | | | | BAROMETER. | | | | †Mean pressure of vapor. | †Mean relative humidity. | Dew Point. | WIND. | | SKY CLOUDED IN TENTHS. | | | Per cent. possible Sunshine. | Rainfall in inches. | Snowfall in inches. | Rain and snow in inches. | DAY. | |
|--|--------------|-------|-------|--------|------------|---------|---------|--------|--------------------------|--------------------------|------------|--------------------|----------------------------------|------------------------|-------|-------|------------------------------|---------------------|---------------------|--------------------------|--|----|
| | Mean. | Max. | Min. | Range. | Mean. | Max. | Min. | Range. | | | | General direction. | Mean velocity in miles per hour. | Mean. | Max. | Min. | | | | | | |
| 1 | 70.07 | 82.3 | 58.0 | 24.3 | 29.9573 | 30.035 | 29.871 | .164 | .4713 | 65.5 | 57.3 | N. | 7.08 | 15 | 4 | 0 | 94 | ... | ... | ... | 1 | |
| 2 | 66.78 | 75.8 | 57.0 | 18.8 | 29.9442 | 30.015 | 29.911 | .104 | .4771 | 73.5 | 57.8 | N. | 7.92 | 5.5 | 8 | 0 | 43 | ... | ... | ... | 2 | |
| 3 | 63.17 | 72.1 | 55.9 | 16.2 | 30.1720 | 30.252 | 30.015 | .237 | .4388 | 76.3 | 55.3 | N. | 16.58 | 4.3 | 9 | 0 | 84 | ... | ... | ... | 3 | |
| 4 | 62.63 | 69.3 | 56.1 | 13.2 | 30.2763 | 30.336 | 30.225 | .111 | .4473 | 78.8 | 55.7 | N. | 13.87 | 4.5 | 10 | 0 | 58 | ... | ... | ... | 4 | |
| SUNDAY.....5 | ..... | 79.2 | 56.1 | 23.1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | N.W. | 10.12 | ..... | ..... | ..... | 58 | 0.14 | ..... | 0.14 | 5.....SUNDAY | |
| 6 | 61.43 | 67.6 | 54.9 | 12.7 | 30.1612 | 30.193 | 30.130 | .063 | .3618 | 66.5 | 50.0 | N. | 10.29 | 7.3 | 10 | 2 | 11 | 0.00 | ..... | 0.00 | 6 | |
| 7 | 65.40 | 74.0 | 54.7 | 19.3 | 30.1080 | 30.202 | 30.021 | .181 | .3932 | 62.0 | 52.0 | S. | 7.25 | 6.8 | 10 | 2 | 63 | ..... | ..... | ..... | 7 | |
| 8 | 68.60 | 76.7 | 62.2 | 14.5 | 29.8173 | 30.021 | 29.709 | .312 | .6152 | 87.7 | 64.7 | S. | 13.16 | 9.2 | 10 | 5 | 4 | 0.15 | | | 0.15 | 8 |
| 9 | 67.52 | 76.6 | 57.0 | 19.6 | 29.8478 | 30.008 | 29.709 | .299 | .5302 | 78.2 | 60.5 | S. | 17.08 | 4.7 | 10 | 0 | 78 | 0.08 | | | 0.08 | 9 |
| 10 | 54.91 | 62.6 | 46.0 | 16.6 | 30.1542 | 30.215 | 30.000 | .207 | .2666 | 62.3 | 41.8 | N. | 9.58 | 2.2 | 8 | 0 | 78 | ..... | ..... | ..... | 10 | |
| 11 | 55.68 | 59.7 | 50.4 | 9.3 | 29.9113 | 30.132 | 29.834 | .298 | .3882 | 86.5 | 51.5 | N.E. | 8.00 | 10.0 | 10 | 10 | 2 | 72 | | | 0.23 | 11 |
| SUNDAY.....12 | ..... | 63.2 | 54.2 | 9.0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | N.E. | 8.50 | ..... | ..... | ..... | 00 | 0.72 | ..... | 0.72 | 12.....SUNDAY | |
| 13 | 67.75 | 74.8 | 59.7 | 15.1 | 29.9000 | 29.969 | 29.819 | .150 | .5525 | 81.7 | 61.7 | N.E. | 5.67 | 2.3 | 10 | 4 | 47 | 0.01 | ..... | 0.01 | 13 | |
| 14 | 70.32 | 80.5 | 61.1 | 19.4 | 29.7042 | 29.844 | 29.623 | .219 | .6202 | 83.7 | 65.0 | S. | 15.46 | 7.8 | 10 | 3 | 56 | 0.80 | ..... | 0.80 | 14 | |
| 15 | 55.65 | 63.0 | 47.0 | 15.1 | 30.1980 | 30.271 | 29.844 | .427 | .2747 | 62.5 | 42.5 | N.W. | 14.33 | 1.8 | 10 | 0 | 91 | ..... | ..... | ..... | 15 | |
| 16 | 61.87 | 69.7 | 51.1 | 18.6 | 30.2150 | 30.302 | 30.132 | .170 | .3685 | 67.0 | 50.5 | S. | 13.22 | 2.5 | 8 | 0 | 72 | ..... | ..... | ..... | 16 | |
| 17 | 66.62 | 74.6 | 54.0 | 20.6 | 30.0885 | 30.142 | 30.040 | .102 | .3877 | 59.3 | 51.7 | S. | 8.50 | 2.2 | 8 | 0 | 82 | ..... | ..... | ..... | 17 | |
| 18 | 64.88 | 74.1 | 54.6 | 19.5 | 29.8228 | 30.041 | 29.687 | .354 | .4948 | 80.0 | 58.0 | S.E. | 13.83 | 7.3 | 10 | 0 | 18 | 0.72 | ..... | 0.72 | 18 | |
| SUNDAY.....19 | ..... | 71.1 | 57.6 | 13.5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | S.W. | 10.58 | ..... | ..... | ..... | 26 | 0.18 | ..... | 0.18 | 19.....SUNDAY | |
| 20 | 62.05 | 71.4 | 55.1 | 16.3 | 29.6285 | 29.656 | 29.604 | .055 | .4077 | 74.2 | 53.3 | W. | 16.25 | 4.5 | 10 | 0 | 69 | 0.00 | ..... | 0.00 | 20 | |
| 21 | 58.67 | 66.5 | 52.7 | 13.8 | 29.7733 | 29.900 | 29.621 | .276 | .3868 | 78.3 | 51.7 | W. | 11.29 | 7.2 | 10 | 0 | 30 | 0.22 | ..... | 0.22 | 21 | |
| 22 | 59.88 | 68.8 | 53.5 | 15.3 | 30.0415 | 30.108 | 29.900 | .208 | .3960 | 77.3 | 52.5 | N. | 10.08 | 4.7 | 10 | 0 | 64 | 0.17 | ..... | 0.17 | 22 | |
| 23 | 66.33 | 74.8 | 52.8 | 22.0 | 30.0138 | 30.141 | 29.861 | .280 | .4283 | 66.8 | 54.5 | S.W. | 14.12 | 4.3 | 10 | 0 | 77 | 0.00 | ..... | 0.00 | 23 | |
| 24 | 68.70 | 74.8 | 61.3 | 13.5 | 29.6575 | 29.861 | 29.404 | .457 | .5412 | 75.8 | 60.7 | S.W. | 19.71 | 9.2 | 10 | 5 | 12 | 0.02 | ..... | 0.02 | 24 | |
| 25 | 70.43 | 77.8 | 64.5 | 13.3 | 29.3288 | 29.404 | 29.271 | .133 | .6470 | 87.0 | 66.3 | S.W. | 16.71 | 9.8 | 10 | 9 | 5 | 0.27 | ..... | 0.27 | 25 | |
| SUNDAY.....26 | ..... | 78.0 | 62.0 | 16.0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | S. | 14.87 | ..... | ..... | ..... | 53 | 1.00 | ..... | 1.00 | 26.....SUNDAY | |
| 27 | 66.60 | 73.4 | 59.0 | 14.4 | 29.9872 | 30.013 | 29.921 | .092 | .5418 | 82.8 | 61.2 | S. | 7.33 | 8.5 | 10 | 4 | 51 | 0.85 | ..... | 0.85 | 27 | |
| 28 | 66.43 | 74.2 | 63.5 | 10.7 | 29.8513 | 29.991 | 29.796 | .195 | .5972 | 91.5 | 63.7 | S. | 11.04 | 8.0 | 10 | 0 | 4 | ..... | ..... | ..... | 28 | |
| 29 | 69.88 | 78.2 | 63.1 | 15.1 | 29.9477 | 29.978 | 29.857 | .121 | .5567 | 76.7 | 61.8 | N. | 6.96 | 3.8 | 10 | 0 | 82 | 0.01 | ..... | 0.01 | 29 | |
| 30 | 72.05 | 82.2 | 61.7 | 20.5 | 29.8983 | 29.989 | 29.770 | .219 | .6067 | 75.7 | 64.2 | S.W. | 14.12 | 3.7 | 10 | 0 | 63 | ..... | ..... | ..... | 30 | |
| Means..... | 64.80 | 72.90 | 56.59 | 16.31 | 29.9388 | 30.0392 | 29.8302 | .2090 | .4694 | 75.29 | 56.38 | S. 65° W. | 11.79 | 5.75 | 9.4 | 1.6 | 49.2 | 5.57 | ..... | 5.57 |Sums. | |
| 24 Years means for and including this month..... | 64.84 | 73.58 | 56.32 | 17.25 | 29.9061 | ..... | ..... | .152 | .4356 | 70.0 | ..... | ..... | 13.05 | 5.61 | ..... | ..... | 53.28 | 3.60 | ..... | 3.60 | 24 Years means for and including this month. | |

ANALYSIS OF WIND RECORD.

| Direction..... | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. | CALM. |
|-------------------|-------|------|------|-------|-------|-------|-------|------|-------|
| Miles..... | 2785 | 218 | 184 | 219 | 2828 | 929 | 1292 | 31 | |
| Duration in hrs.. | 274 | 28 | 21 | 19 | 227 | 48 | 97 | 4 | 2 |
| Mean velocity.... | 10.16 | 7.79 | 8.76 | 11.53 | 12.46 | 19.35 | 13.22 | 7.75 | |

Greatest mile in one hour was 32, on the 25th.
 Greatest velocity in gusts 42 miles per hour on the 25th.

Resultant mileage, 1,630.
 Resultant direction, S. 65° W.
 Total mileage, 8,486.
 Average velocity 11.79 m. p. h.

* Barometer readings reduced to sea-level and temperature 32° Fahrenheit.

† Observed.
 ‡ Pressure of vapour in inches of mercury.
 § Humidity relative, saturation being 100.
 ¶ 17 years only. * 12 years only.

The greatest heat was 82° 3 on the 1st; the greatest cold was 46° 0 on the 10th, giving a range of temperature of 36.3 degrees.

Warmest day was the 30th. Coldest day was the 10th. Highest barometer reading was 30.336 on the 4th. Lowest barometer was 29.271 on the 25th; giving a range of 1.065 inches. Maximum rela-

tive humidity was 98 on the 28th. Minimum relative humidity was 42 on the 15th.

Rain fell on 19 days.
 Fog on 3 days. Thunder storms on 9th, 12th, 14th 18th, 21st, 24th, 26th and 28th.
 Earthquake on the 1st.