

ABSTRACT FOR THE MONTH OF JULY, 1914.

Meteorological Observations, Taken at McGill College Observatory. Height above sea-level, 187 feet. C. H. McLEOD, Superintendent.

| DAYS. | THERMOMETER | | | | *BAROMETER | | | | † Mean relative humidity. | WIND | | Per cent. of possible Sunshine | Rainfall in inches. | Snowfall in inches. | Rain and snow melted. | DAYS. |
|--|-------------|-------|-------|--------|------------|--------|--------|--------|---------------------------|--------------------|---------------------------------|--------------------------------|---------------------|---------------------|-----------------------|--|
| | † Mean. | Max. | Min. | Range. | † Mean. | Max. | Min. | Range. | | General direction. | Mean velocity in miles per hour | | | | | |
| 1 | 60.8 | 69.6 | 49.5 | 20.1 | 30.11 | 20.20 | 29.99 | .21 | 63 | SE | 8.1 | 75 | T | ... | T | 1 |
| 2 | 56.7 | 58.2 | 55.4 | 2.8 | 29.95 | 30.04 | 29.91 | .13 | 79 | NE | 10.7 | 92 | .24 | ... | .24 | 2 |
| 3 | 60.7 | 69.8 | 50.9 | 18.9 | 30.11 | 30.13 | 30.07 | .06 | 64 | NE | 6.7 | 90 | ... | ... | ... | 3 |
| 4 | 68.1 | 79.2 | 54.8 | 24.4 | 30.06 | 30.12 | 30.01 | .11 | 59 | SW | 9.9 | 91 | ... | ... | ... | 4 |
| SUNDAY.....5 | 68.5 | 77.1 | 63.0 | 14.1 | 30.06 | 30.12 | 30.01 | .11 | 69 | W | 8.2 | 38 | .07 | ... | .07 | 5.....SUNDAY |
| 6 | 71.7 | 82.0 | 60.0 | 22.0 | 30.11 | 30.20 | 30.03 | .17 | 63 | E | 4.9 | 89 | ... | ... | ... | 6 |
| 7 | 68.6 | 73.0 | 63.6 | 9.4 | 29.87 | 29.98 | 29.77 | .21 | 74 | NE | 9.4 | 6 | .03 | ... | .03 | 7 |
| 8 | 71.3 | 81.2 | 63.2 | 18.0 | 29.96 | 30.11 | 29.84 | .27 | 70 | NW | 11.0 | 48 | T | ... | T | 8 |
| 9 | 69.3 | 77.2 | 60.1 | 17.1 | 30.11 | 30.18 | 30.02 | .16 | 59 | NE | 8.8 | 91 | ... | ... | ... | 9 |
| 10 | 71.2 | 82.4 | 57.2 | 25.2 | 29.95 | 30.02 | 29.85 | .17 | 62 | NE | 7.1 | 91 | ... | ... | ... | 10 |
| 11 | 71.6 | 83.7 | 66.2 | 17.5 | 29.88 | 29.92 | 29.84 | .08 | 73 | SW | 7.7 | 34 | .07 | ... | .07 | 11 |
| SUNDAY.....12 | 73.2 | 84.0 | 63.3 | 20.7 | 29.89 | 29.97 | 29.87 | .10 | 48 | NE | 8.0 | 91 | ... | ... | ... | 12.....SUNDAY |
| 13 | 73.2 | 81.5 | 63.1 | 18.4 | 29.92 | 29.97 | 29.87 | .10 | 49 | NE | 7.6 | 91 | ... | ... | ... | 13 |
| 14 | 74.9 | 88.7 | 61.0 | 27.7 | 29.91 | 29.97 | 29.87 | .10 | 53 | S | 6.8 | 91 | ... | ... | ... | 14 |
| 15 | 77.8 | 87.7 | 65.8 | 21.9 | 29.87 | 29.94 | 29.81 | .13 | 56 | S | 7.6 | 92 | ... | ... | ... | 15 |
| 16 | 78.9 | 88.6 | 69.7 | 18.9 | 29.78 | 29.86 | 29.70 | .16 | 69 | SW | 8.4 | 59 | .03 | ... | .03 | 16 |
| 17 | 78.5 | 91.0 | 72.3 | 18.7 | 29.61 | 29.66 | 29.51 | .15 | 72 | SW | 10.4 | 51 | .02 | ... | .02 | 17 |
| 18 | 69.6 | 78.2 | 62.6 | 15.6 | 29.72 | 29.86 | 29.61 | .25 | 56 | NW | 10.7 | 86 | ... | ... | ... | 18 |
| SUNDAY.....19 | 59.1 | 68.9 | 52.6 | 16.3 | 29.91 | 29.97 | 29.88 | .09 | 53 | NW | 9.6 | 47 | ... | ... | ... | 19.....SUNDAY |
| 20 | 65.9 | 75.9 | 52.6 | 23.3 | 29.92 | 30.00 | 29.82 | .18 | 47 | NW | 11.3 | 77 | T | ... | T | 20 |
| 21 | 65.2 | 75.0 | 55.0 | 20.0 | 29.87 | 30.07 | 29.79 | .28 | 51 | NW | 13.1 | 76 | ... | ... | ... | 21 |
| 22 | 66.5 | 79.4 | 52.9 | 27.4 | 30.11 | 30.17 | 30.03 | .09 | 48 | NW | 11.6 | 89 | ... | ... | ... | 22 |
| 23 | 61.8 | 68.9 | 57.0 | 11.9 | 30.02 | 30.10 | 29.96 | .14 | 75 | SW | 6.8 | 0 | .35 | ... | .35 | 23 |
| 24 | 68.4 | 78.1 | 57.6 | 20.5 | 29.95 | 30.01 | 29.87 | .14 | 66 | W | 6.7 | 64 | ... | ... | ... | 24 |
| 25 | 72.2 | 85.0 | 64.9 | 20.1 | 29.78 | 29.86 | 29.68 | .18 | 66 | SW | 12.6 | 74 | .15 | ... | .15 | 25 |
| SUNDAY.....26 | 67.9 | 78.8 | 58.0 | 20.8 | 29.92 | 30.01 | 29.86 | .15 | 52 | NW | 10.4 | 86 | ... | ... | ... | 26.....SUNDAY |
| 27 | 64.3 | 72.0 | 54.4 | 17.6 | 29.98 | 30.04 | 29.92 | .12 | 53 | NE | 6.8 | 79 | ... | ... | ... | 27 |
| 28 | 68.4 | 72.5 | 55.3 | 17.2 | 30.01 | 30.03 | 29.98 | .05 | 55 | NE | 10.0 | 48 | ... | ... | ... | 28 |
| 29 | 62.0 | 67.9 | 55.0 | 12.9 | 30.11 | 30.20 | 30.01 | .19 | 63 | NE | 11.5 | 53 | T | ... | T | 29 |
| 30 | 64.5 | 74.0 | 52.8 | 21.2 | 30.22 | 30.30 | 30.17 | .13 | 56 | NE | 6.4 | 75 | ... | ... | ... | 30 |
| 31 | 68.5 | 80.0 | 55.3 | 24.7 | 30.09 | 30.16 | 29.97 | .19 | 54 | W | 6.5 | 77 | T | ... | T | 31 |
| Means..... | 68.20 | 77.73 | 58.85 | 18.88 | 29.961 | 30.038 | 29.889 | .149 | 60.55 | | 8.88 | 68.21 | 0.96 | ... | 0.96 |Sums |
| 40 Years means for and including this month. | 69.02 | 77.47 | 60.98 | 16.49 | 29.898 | | | .145 | 71.08 | | 12.378 | 59.52† | 3.831 | ... | 3.834 | 40 Years means for and including this month. |

ANALYSIS OF WIND RECORD.

| Direction..... | N | N.E. | E. | S.E. | S. | S.W. | W. | N.W. | CALMS |
|----------------------|-----|------|-----|------|-----|------|-----|------|-------|
| Miles..... | 171 | 1644 | 266 | 243 | 355 | 1376 | 672 | 1879 | |
| Duration in hours... | 26 | 183 | 47 | 32 | 54 | 141 | 81 | 177 | 0 |
| Mean Velocity..... | 6.8 | 9.0 | 5.7 | 7.6 | 6.6 | 9.6 | 8.3 | 10.6 | |

The greatest mileage in one hour was 19 on the 21st and 25th.
 Total mileage, 6609
 Resultant direction, N50°W. Resultant mileage, 1803.

The greatest heat was 91.0° above zero on the 17th. The greatest cold was 49.5° above zero on the 1st, giving a range of 41.5°.

The warmest day was the 16th. The coldest day was the 2nd.

The highest barometer reading was 30.30 on the 30th. The lowest barometer reading was 29.51 on the 17th, giving a range of .79 inches.

The minimum relative humidity observed was 23 on the 12th and 14th.

Thunderstorms on 4 days.

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

† Mean of bi-hourly readings taken from self-recording instruments.

‡ Humidity relative, saturation being 100. Mean of readings taken every four hours from self-recording hygrometer.

§ 26 years means.

¶ 33 years means.