

ABSTRACT FOR THE MONTH OF DECEMBER, 1875.

OF THE HOURLY METEOROLOGICAL OBSERVATIONS TAKEN AT MCGILL COLLEGE OBSERVATORY. HEIGHT ABOVE SEA LEVEL, 187 FEET.

Table with columns: Day, Thermometer (Mean, Max, Min, Range), Barometer (Mean, Max, Min, Range), Mean Pressure of Vapor, Mean Relative Humidity, Wind (General direction, Mean Velocity), Sky Clouded in Tenths (Mean, Max, Min), Rain and Snow Melted, Day. Rows include days 1-31 and monthly means.

\* Barometer readings reduced to sea-level and temperature of 32° Fahr. † Pressure of vapor in inches mercury. ‡ Humidity relative saturation, 100. Observed. Ten inches of snow is taken as equal to one inch of water.

Mean temperature of month, 16.73. Mean of maxima and minima temperature, 6.44. Greatest heat was 54.0 on the 31st; greatest cold was 22.5 below zero on the 20th,—giving a range of temperature for the month of 76.5 degrees. Greatest range of the thermometer one day was 48.6, on the 21st; During 33 hours on the 20th and 21st the thermometer rose through 62 degrees; least range was 3.4 degrees on the 9th. Mean range for the month was 15.3 degrees. Mean height of the barometer for the month was 29.9446. Highest reading was 30.682, on the 20th; lowest was 28.952, on the 13th, giving a range of 1.73 inches. Mean elastic force of vapor in the atmosphere was equal to .095 inches of mercury. Mean relative humidity, 83.94. Maximum relative humidity was 100 on the 20th. Minimum relative humidity was 51 on the 1st and 2nd. Mean velocity of the wind was 12.23 miles per hour. Greatest mileage in one hour was 31 on the 14th. Mean of sky clouded was 74 per cent. Rain fell on 8 days. Snow fell on 18 days. Rain or snow fell on 23 days. Rainfall was 0.68 inches. Snowfall was 24.2 inches. Total precipitation in inches of water was 3.10.

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