

Monthly Meteorological Registrar,

St. Martins. Isle Jésus, Canada East, (nine miles west of Montreal,) for the months of October, November and December.—Latitude, 45 degrees 32 minutes North. Longitude. 73 degrees 36 minutes West. Height above the level of the Sea, 118 feet,

By CHARLES SMALLWOOD, M. D., LL. D.

Remarks for OCTOBER, 1859.

Barometer.

Highest, the 12th day, 30.160 inches.
Lowest, " 27th " 29.251 "
Monthly Mean, 29.779 inches.
" Range, 0.909

Thermometer.

Highest, the 5th day, 83 ° 1.
Lowest, the 25th day, 19 ° 4.
Monthly Mean, 42 ° 42.
" Range, 63 ° 7.
Greatest intensity of the Sun's rays, 105 ° 8.
Lowest point of terrestrial radiation, 14 ° 2.
Mean of humidity, .754.
Amount of evaporation in inches, 1.27
Rain fell on 6 days, amounting to 1.629 inches; it was raining 20 hours 51 minutes,

and was accompanied by thunder on 1 day.
Snow fell on 3 days, amounting to 2.30 inches; it was snowing 24 hours.
First snow of the season fell on the 20th day.
Most prevalent wind, E.
Most windy day, the 19th day; mean miles per hour, 21.81.
Least windy day, the 17th day; mean miles per hour, 0.29.
Aurora Borealis visible on 4 nights.
Lunar Haloes " " 2 "
The Electrical State of the atmosphere has indicated high and constant tension.
Ozone was present in moderate quantity.

Remarks for NOVEMBER, 1858.

Barometer.

Highest, the 7th day, 30.439 inches.
Lowest, " 13th " 29.180 "
Monthly Mean, 29.940 inches.
" Range, 1.249 "

Thermometer.

Highest, the 18th day, 57 ° 6.
Lowest, " 25th " 4 ° 6.
Monthly Mean, 29 ° 38.
" Range, 43 ° 0.
Greatest intensity of the Sun's rays, 96 ° 7.
Lowest point of terrestrial radiation, 5 ° 1.
Mean of humidity, 819.
Rain fell on 9 days, amounting to 7.822 inches; it was raining 73 hours 55 minutes.

Snow fell on 11 days, amounting to 15.73 inches; it was snowing 68 hours 20 minutes.
Most prevalent wind, N. E. by E.
Least prevalent wind, E.
Most windy day, the 3rd day; mean miles per hour, 23.06.
Least windy day, the 27th day; mean miles per hour, 1.72.
Aurora Borealis visible on — nights.
Snow Birds (" Phleetrophanes nivalis,") first seen on 3rd day.
Lunar Halo visible on 1 night.
The Electrical state of the atmosphere has indicated moderate intensity.
Ozone was present in large quantities.

Remarks for DECEMBER, 1859.

Barometer.

Highest, the 3rd day, 30.726.
Lowest, the 20th day, 29.410.
Monthly Mean, 29.971.
" Range, 1.316.

Thermometer.

Highest, the 1st day, 42 ° 1.
Lowest, the 29th day, 32 ° 6 (below zero).
Monthly Mean, 8.93.
Monthly range, 740.7.
Greatest intensity of the Sun's rays, 38 ° 0.
Lowest point of terrestrial radiation, 36 ° 6.
Mean of humidity, 808.
Rain fell on 3 days, amounting to 14.80 inches; it was raining 26 hours 20 minutes.

Snow fell on 14 days, amounting to 23.87 inches; it was snowing 150 hours 30 minutes.
Most prevalent wind, N. E. by E.
Least " " S.
Most windy day, the 4th day; mean miles per hour, 15.50.
Least windy day, the 28th day; mean miles per hour, 0.14.
Aurora Borealis, visible on 3 nights.
Lunar Halo, visible on 1 night.
Zodiacal Light visible.
The Electrical state of the atmosphere has indicated high tension.
Ozone was in large quantities.