

MONTHLY METEOROLOGICAL REGISTER, ST. MARTINS, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF DECEMBER, 1861.

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.

Table with columns for Day of Month, Barometer-corrected and reduced to 32° F. (English inches.), Temperature of the Air-F., Tension of Aqueous Vapour., Humidity of the Atmosphere., Direction of Wind., Horizontal Movement in 24 hours in miles., OZONE, RAIN, SNOW, WEATHER, CLOUDS, REMARKS &c. &c. [A cloudy sky is represented by 10, a cloudless one by 0.]

REPORT FOR THE MONTH OF JANUARY, 1862.

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REMARKS FOR DECEMBER, 1861.

Highest, the 12th day, 30.372 inches.
Lowest, the 23rd day, 29.375
Monthly Mean, 29.892
Range, 0.997
Highest, the 8th day, 46° 0.
Lowest, the 21st day, -10° 0.
Monthly Mean, 20° 54.
Monthly Range, 56° 0.
Greatest intensity of the Sun's rays, 69° 8.
Lowest point of Terrestrial radiation, -11° 0.
Mean of Humidity, 736.
Rain fell on 5 days, amounting to 1.306 inches; it was raining 31 hours and was accompanied by Thunder on 1 day.
Snow fell on 7 days to 8.27 inches; it was snowing 80 hours 53 minutes.
Most prevalent wind, W. S. W.
Least prevalent wind, the N.
Most windy day the 11th day, mean miles per hour, 27.18.
Least windy day the 31st day, mean miles per hour, 0.25.
Aurora Borealis visible on 3 nights.
Lunar Halo visible on 3 nights.
The Electrical state of the Atmosphere has indicated high intensity.
Winter fairly set in on the 23rd day.

REMARKS FOR JANUARY, 1862.

Highest, the 27th day, 30.666 inches.
Lowest, the 1st day, 29.363
Monthly Mean, 29.845
Monthly Range, 1.803
Highest, the 8th day, 37° 0.
Lowest, the 14th day, -27° 7.
Monthly Mean, 9° 48.
Monthly Range, 64° 7.
Snow fell on 13 days amounting to 36.85 inches. It was snowing 95 hours and 28 minutes.
Most prevalent wind, N. E. by E.
Least prevalent wind, S.
Most windy day, the 27th day; mean miles per hour, 19.85.
Least windy day, the 17th day; Calm.
Aurora Borealis visible on 3 nights.
Lunar Halo very bright on 1 night.
Zodiacal light bright (but Venus presents an early and well defined view.)
Encke's comet was visible.
The Electrical state of the Atmosphere has indicated high intensity.