

MONTHLY METEOROLOGICAL REGISTER, SAINT MARTIN'S, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF FEBRUARY, 1858.

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.

| 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. | | | Mean Velocity in Miles per hour. | | | Amo't of Snow in inches. | Amo't of Rain in inches. | Weather, Clouds, Remarks, &c., &c. | | | | |
|--------------|---|---------|----------|----------------------------|---------|----------|----------------------------|---------|----------|-----------------------------|---------|----------|--------------------|-------------|-------------|----------------------------------|---------|----------|--------------------------|--------------------------|------------------------------------|---------|----------|--|--------|
| | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | | | 6 a. m. | 2 p. m. | 10 p. m. | | |
| | 1 | 30 185 | 29 972 | 30 005 | 9.2 | 10.1 | 3.0 | .017 | .045 | .044 | .67 | .60 | .85 | N. E. by E. | N. E. by E. | N. E. by E. | 0.71 | 1.78 | | | 0.96 | | | | Clear. |

REPORT FOR THE MONTH OF MARCH, 1858.

| Day of Month | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | 6 a. m. | 2 p. m. | 10 p. m. | | |
|--------------|---------|---------|----------|---------|---------|----------|---------|---------|----------|---------|---------|----------|----------|----------|----------|---------|---------|----------|---------|---------|----------|---------|------------|----------|---------|-----|
| 1 | 29 562 | 29 642 | 29 780 | 22.0 | 36.3 | 21.0 | .112 | .171 | .101 | .93 | .82 | .86 | W. N. W. | E. S. E. | E. | 0.00 | 0.31 | 0.01 | | | | 0.30 | C. C. Str. | 4. | C. Str. | 10. |

REMARKS FOR FEBRUARY, 1858.

Barometer Highest, the 13th day, 30.330 inches.
 Lowest, the 10th day, 29.201 inches.
 Monthly Mean, 29.809 inches.
 Monthly Range, 1.129 inches.
 Thermometer ... Highest, the 27th day, 39° 4.
 Lowest, the 13th day, -30° 2.
 Monthly Mean, 7° 56.
 Monthly Range, 69° 6.
 Greatest intensity of the Sun's rays, 62° 1.
 Lowest point of terrestrial radiation, -31° 2.
 Mean of humidities, 79%.

Rain fell on 1 day; it was raining 15 minutes. Inappreciable Snow fell on 8 days; it was snowing 63 hours 45 minutes, and amounted to 17.53 inches.
 Most prevalent wind, W. by S. Least prevalent wind, E.
 Most windy day, the 10th day; mean miles per hour, 17.31.
 Least windy day, the 13th day; miles per hour, 0.14.
 Aurora Borealis visible on 1 night.
 Moon Eclipse visible.
 The Electrical state of the atmosphere has indicated high tension.
 Ozonae was in moderate quantity.

REMARKS FOR MARCH, 1858.

Barometer Highest, the 13th day, 30.861 inches.
 Lowest, the 21st day, 29.621 inches.
 Monthly Mean, 29.804 inches.
 Monthly Range, 1.240 inches.
 Thermometer ... Highest, the 31st day, 61° 6.
 Lowest, the 4th day, -31° 9.
 Monthly Mean, 25° 52.
 Monthly Range, 83° 5.
 Lowest point of terrestrial radiation, -22° 1.
 Mean of humidities, 78%.

Rain fell on 3 days; it was raining 19 hours, and amounted to 0.285 inches.
 Snow fell on 8 days; it was snowing 20 hours 45 minutes, and amounted to 4.20 inches.
 Most prevalent wind, W. by N. Least prevalent wind, N.
 Most windy day, the 22nd day; mean miles per hour, 28° 65.
 Least windy day, the 28th day; mean miles per hour, 0.26.
 Greatest intensity of the Sun's rays, 83° 0.
 Aurora Borealis visible on 4 nights. Lunar Halo visible 1 night.
 Eclipse of the Sun invisible, owing to cloudy weather.
 The Song Sparrow first heard on the 20th day.
 The Electrical state of the atmosphere has indicated feebly intensity.
 Ozonae was in moderate quantity.