

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

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. Mean amount of, in tenths.	RAIN. Amount of, in inches.	SNOW. Amount of, in inches.	WEATHER, CLOUDS, REMARKS, &c. &c. [A cloudy sky is represented by 10, a cloudless one by 0.]		
	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	30.177	29.977	29.992	-4.0	23.4	17.4	.024	.142	.087	.45	.88	.84	N. E. by E.	N. E. by E.					N. E. by E.	64.70	3.0

REPORT FOR THE MONTH OF MARCH, 1862.

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. Mean amount of, in tenths.	RAIN. Amount of, in inches.	SNOW. Amount of, in inches.	WEATHER, CLOUDS, REMARKS, &c. &c. [A cloudy sky is represented by 10, a cloudless one by 0.]		
	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	29.679	29.700	29.701	11.1	23.0	19.1	.057	.005	.077	.79	.79	.77	W. S. W.	W.					W.	302.70	2.5

REMARKS FOR FEBRUARY, 1861.

Barometer ..... Highest, the 17th day, 30.427 inches.  
 Lowest, the 6th day, 29.035 "  
 Monthly Mean, 29.943 day, "  
 Range, 1.342 "  
 Thermometer ... Highest, the 23rd day, 27° 9.  
 Lowest, the 15th day, -19° 9.  
 Monthly Mean, 13° 25.  
 Monthly Range, 57° 8.  
 Greatest intensity of the Sun's rays, 78° 8.  
 Lowest point of Terrestrial radiation, -20° 4.  
 Mean of Humidity, .740.  
 Rain fell on 1 day, Inapp.

Snow fell on 13 days amounting to 27.77 inches; it was snowing 101 hours 44 minutes.  
 Most prevalent wind, N. E. by E.  
 Least prevalent wind, the E. by S.  
 Most windy day the 25th day, mean miles per hour, 20.88.  
 Least windy day the 5th day, mean miles per hour, 0.11.  
 Aurora Borealis visible on 1 night.  
 Zodiacal Light bright and well defined.  
 3 Lunar Halos and 1 Corona seen.  
 1 Solar Halo.  
 The Electrical state of the Atmosphere has indicated moderate intensity.  
 Crows 1st seen on the 16th day.

REMARKS FOR MARCH, 1862.

Barometer ..... Highest, the 13th day, 30.279 inches.  
 Lowest, the 4th day, 29.313 "  
 Monthly Mean, 29.853 "  
 Monthly Range, 0.961 "  
 Thermometer ... Highest, the 27th day, 52° 0.  
 Lowest, the 3rd day, -4° 1.  
 Monthly Mean, 29° 23.  
 Monthly Range, 56° 1.  
 Greatest intensity of the Sun's rays, 73° 1.  
 Lowest point of Terrestrial radiation, -5° 7.  
 Mean of humidity, .793.  
 Rain fell on 4 days, amounting to 0.621 inches; it was raining 34 hours.

Snow fell on 12 days amounting to 17.75 inches; it was snowing 128 hours and 50 minutes.  
 Most prevalent wind, N. E. by E.  
 Least prevalent wind, E.  
 Most windy day, the 16th day; mean miles per hour, 26.74.  
 Least windy day, the 20th day; Calm.  
 Aurora Borealis visible on 2 nights.  
 Solar Halo visible 1 day.  
 Lunar Halo visible 1 night.  
 Zodiacal light frequently very bright.  
 The Electrical state of the Atmosphere has indicated feeble intensity.