

MONTHLY METEOROLOGICAL REGISTER, ST. MARTINS, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF AUGUST, 1860.

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 inches.	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	29.854	29.826	29.954	60.0	68.8	59.2	.258	.319	.352	.71	.47	.70	W.	W. S. W.					S. W. by S.	166.90	2.5

REPORT FOR THE MONTH OF SEPTEMBER, 1860.

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 inches.	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	29.748	29.786	29.833	53.0	70.1	50.5	.380	.397	.283	.94	.52	.78	N. N. W.	W. by N.					N. W.	41.10	2.0

REMARKS FOR AUGUST, 1860.

Barometer ..... Highest, the 15th day, 30.070 inches.  
 Lowest, the 30th day, 29.459 "  
 Monthly Mean, 29.760 "  
 Range, 0.611 "  
 Thermometer ... Highest, the 10th day, 92° 2.  
 Lowest, the 12th day, 59° 2.  
 Monthly Mean, 69° 2 9.  
 Range, 52° 9.  
 Greatest intensity of the Sun's rays, 110° 6.  
 Lowest point of Terrestrial radiation, 31° 1.  
 Amount of Evaporation, 3.02 inches.  
 Mean of Humidity, 740.  
 Rain fell on 13 days, amounting to 9.361 inches; it was raining 51 hours and 44 minutes, and was accompanied by thunder and lightning on 2 days.  
 Meteor in E. 5th day at 8.15 p. m.  
 Meteor in S. 12th day at 8:30 p. m.  
 Solar Rainbow 19th day.  
 Lunar Rainbow at 8 p. m. 25th day.  
 Most prevalent wind, the S. W.  
 Least prevalent wind, the S.  
 Most windy day, the 26th day; mean miles per hour, 10.70.  
 Least windy day, the 2nd day; mean miles per hour, 0.20.  
 Aurora Borealis visible on 10 nights.  
 The Electrical state of the Atmosphere has indicated high intensity.  
 Solar Halo visible on 16th day at 9.30 a. m.  
 Slight frost on the morning of the 12th day

REMARKS FOR SEPTEMBER, 1860.

Barometer ..... Highest, the 30th day, 30.335 inches.  
 Lowest, the 25th day, 29.376 "  
 Monthly Mean, 29.585 "  
 Range, 0.959 "  
 Thermometer ... Highest, the 15th day, 83° 9.  
 Lowest, the 30th day, 25° 5.  
 Monthly Mean, 56° 5.  
 Range, 27° 5.  
 Greatest intensity of the Sun's rays, 105° 6.  
 Lowest point of terrestrial radiation, 20° 1.  
 Amount of Evaporation, 2.90 inches.  
 Mean of humidity, 777.  
 Rain fell on 13 days, amounting to 11.286 inches; it was raining 58 hours 36 minutes, and was accompanied by thunder and lightning on two days.  
 Solar Halo 14th day.  
 Lunar Corona and imperfect Halo 27th day.  
 Very slight snow fell on the 29th day. Inappreciable the 1st of the season.  
 Sharp frost on the mornings of the 28th and 30th days.  
 Morning Rainbow on the 20th day.  
 Most prevalent wind, the W. S. W.  
 Least prevalent wind, the N.  
 Most windy day, the 26th day; mean miles per hour, 13.86.  
 Least windy day, the 2nd day; mean miles per hour 0.00.  
 Aurora Borealis visible on 5 nights.  
 The Electrical state of the Atmosphere has indicated moderate intensity.