

MONTHLY METEOROLOGICAL REGISTER, ST. MARTIN, ISLE JESUS, CANADA EAST; (NINE MILES WEST OF MONTREAL) FOR THE MONTH OF AUGUST, 1859.

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 Rain in inches.	Amo't of Snow in inches.	Weather, Clouds, Remarks, &c. &c. [A cloudy sky is represented by 10, a cloudless one by 0.]						
	9 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	29.719	29.780	29.784	66.1	72.3	69.0	.536	.631	.642	.84	.81	.92	S. E.	S. E.	S. S. W.	0.05	4.81	1.30	Inapp.		Cum. Str.	8.	Cu. Str.	10.	Str.	2.

REPORT FOR THE MONTH OF SEPTEMBER, 1859.

	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	29.660	29.698	29.493	49.8	65.9	55.1	.265	.319	.376	.75	.47	.87	W. S. W.	W. S. W.	S. by E.	5.83	4.46	2.30			Clear.		Cu. Str.	4.	Rain.		Clear.

REMARKS FOR AUGUST, 1859.

Highest, the 9th day, 30° 01' inches.
 Lowest, " 4th " 29° 48' " "
 Monthly Mean, 29° 76' inches.
 Monthly Range, 0° 53' "
 Highest the 3rd day, 90° 9' "
 Lowest, the 30th day, 36° 2' "
 Monthly Mean, 68° 7' 2 "
 Monthly Range, 54° 7' "

Barometer.....

Thermometer.....

Greatest intensity of the Sun's rays, 110° S.
 Lowest point of terrestrial radiation, 25° 2' "

Rain fell on 10 days, amounting to 6.666 inches; it was raining 42 hours 55 minutes, and was accompanied by thunder and lightning on 2 days.
 Most prevalent wind, the S. W.
 Least prevalent wind, N.
 Most windy day, the 29th day; mean miles per hour, 17.22.
 Least windy day, the 10th day; mean miles per hour, 0° 12'.
 Frost occurred on the 30th day.
 Aurora Borealis visible on 4 nights.
 The Electrical state of the atmosphere has indicated high intensity.

REMARKS FOR SEPTEMBER, 1859.

Highest, the 29th day, 30° 20' inches.
 Lowest, " 12th " 29° 138' " "
 Monthly Mean, 29° 77' inches.
 Monthly Range, 1° 06' "
 Highest, the 9th day, 78° 4' "
 Lowest, " 16th " 29° 2' "
 Monthly Mean, 54° 31' "
 Monthly Range, 49° 2' "

Barometer.....

Thermometer.....

Greatest intensity of the Sun's rays, 101° 6'.
 Lowest point of terrestrial radiation, 18° 2' "
 Mean of humidity, 79%
 Amount of evaporation in inches 1.42.

Rain fell on 14 days, amounting to 11.310 inches; it was raining 112 hours 17 minutes, and was accompanied by thunder on 1 day.
 Most prevalent wind, N. E. by E.
 Least prevalent wind, N.
 Most windy day, the 14th day; mean miles per hour, 16.04.
 Least windy day, the 19th day; mean miles per hour, 0° 10'.
 Aurora Borealis visible on 5 nights.
 The Electrical state of the atmosphere has indicated rather feeble intensity.
 Ozone was present in rather large quantity.