

Monthly Meteorological Register, St. Martin, at Isle Jean, Canada East, August, 1853.  
Nine Miles West of Montreal.

[BY CHARLES SMALLWOOD, M. D.]

Latitude—45 deg. 32 min. North. Longitude—73 deg. 36 min. West. Height above the Level of the Sea—118 ft.

Day.	Barom: corrected and reduced to 32° Fahr.		Temp. of the Air.		Tension of Vapour.		Humidity of the Air.		Direction of Wind.		Velocity in Miles per Hour.		Rain in Inch.	Weather, &c. A cloudy sky is represented by 10; a clear sky by 0.		
	6 a.m.	10 p.m.	6 a.m.	10 p.m.	6 a.m.	10 p.m.	6 a.m.	10 p.m.	6 a.m.	10 p.m.	6 a.m.	10 p.m.		6 a.m.	2 p.m.	10 p.m.
1	30.913	30.818	63.4	80.1	67.0	488	593	81	89	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
2	30.832	30.818	65.1	86.2	67.0	555	737	79	81	N	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
3	30.814	30.806	70.2	89.2	63.0	568	617	83	89	S W	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
4	30.822	30.814	70.2	89.2	63.0	568	617	83	89	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
5	30.802	30.806	70.2	89.2	63.0	568	617	83	89	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
6	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
7	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
8	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
9	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
10	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
11	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
12	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
13	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
14	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
15	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
16	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
17	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
18	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
19	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
20	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
21	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
22	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
23	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
24	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
25	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
26	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
27	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
28	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
29	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
30	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.
31	30.798	30.806	65.7	73.2	67.0	473	638	76	82	N E	N E	Calm, 0.67	0.92	Clear.	Clear.	Clear.

**Barometer:** Highest, the 1st day - 29.913  
 Lowest, the 24th day - 29.264  
 Monthly Mean - 29.538  
 Range - 0.649  
**Thermometer:** Highest, the 11th day - 90.2  
 Lowest, the 26th day - 43.9  
 Monthly Mean - 68.961  
 Range - 42.997  
**Greatest Intensity of the Sun's Rays—**143.96.  
**Mean of Humidity—**741.  
**Lowest point of Terrestrial Radiation** 37.91.  
**Amount of Evaporation—**316 inches.  
**Rain fell in 13 days amounting to 7.050 inches, and was accompanied**  
**Thunder and Lightning on three days.**

**Most Prevalent wind—**S.W.  
**Least do. do.** N.  
**Most Windy Day—**27th, mean—19.37 miles per hour  
**Least Windy Day—**22d, mean—0.18 miles per hour.  
**Aurora Borealis visible on 3 nights, and might have been seen on 22**  
**nights.**  
**Shooting Stars very numerous on the nights of 7th, 8th, 9th, 10th, & 13th**  
**Comet first seen here on the 23d day, in N.W., 8 p.m., in constellation**  
**Leo. 27th, Comet visible till 1.50 a.m. On the 29th, at 7.30: its R.A.**  
**was 11h. 40 m. 10 s., and dec. N. 15° 0' 22".**  
**The electrical state of the atmosphere generally has indicated rather**  
**feeble intensity of Positive Electricity, and during the thunder storms,**  
**was of a negative character.**