

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

[BY CHARLES SWALLOWOOD, M. D.]

Latitude—45 deg. 32 min. North. Longitude—73 deg. 36 min. West. Height above the Level of the Sea—Estimated Height about 30 ft.

Day	Barom: corrected and reduced to 32° Fahr.		Temp. of the Air.			Tension of Vapour.			Humidity of the Air.			Direction of Wind.			Mean Velocity in Miles per Hour.		Rain in In.	Snow in In.	Weather, &c.—A cloudy sky is represented by 10; a cloudless sky by 0.			REMARKS.
	G. A. M.	2 P. M.	G. A. M.	2 P. M.	10 P. M.	G. A. M.	2 P. M.	10 P. M.	G. A. M.	2 P. M.	10 P. M.	G. A. M.	2 P. M.	10 P. M.	G. A. M.	2 P. M.			10 P. M.			
1	30.016	29.887	12.5	4	0.98	0.71	0.38	1.00	82	1.00	N E b E	N E b E	N E b E	Calm.	2.90	3.96			Clear.	Clear.	Clear.	Aurora Bor. at 4 a.m.
2	29.974	29.750	9	42	0.71	2.13	2.95	1.00	85	1.00	N N E	S W	S	Calm.	0.71	2.14	10.14		Clear.	Clear.	Zodiacal Light.	
3	29.707	28.46	37	33	2.38	2.90	1.56	1.00	95	1.00	S W	S W	S	Calm.	1.75	8.01	8.12		Clear.	Clear.		
4	28.90	28.62	30	39	1.86	2.40	2.28	1.00	97	1.00	E	S	S	Calm.	3.12	5.30	5.02		Clear.	Clear.		
5	29.32	28.00	34	36	2.14	2.30	1.99	1.00	100	1.00	N E b E	N E b E	N E b E	Calm.	4.12	5.24	0.42		Clear.	Clear.		
6	29.18	29.09	30.5	31	1.86	1.95	1.16	1.00	98	1.00	N N E	N E b E	N E b E	Calm.	8.00	Calm.			Clear.	Clear.		
7	29.98	28.93	4	23	1.58	1.66	1.20	1.00	100	1.00	N b W	N b W	N b W	Calm.	1.10	Calm.			Clear.	Clear.		
8	28.66	28.61	13	31.5	0.55	0.73	0.89	1.00	63	1.00	N N W	N N W	N N W	Calm.	1.72	6.81			Clear.	Clear.		
9	27.33	28.1	13	27	1.20	0.78	0.65	1.00	70	1.00	N N E	N N E	N N E	Calm.	0.57	5.84	6.21		Clear.	Clear.		
10	26.51	26.100	1	21	0.35	1.18	1.28	1.00	95	1.00	N N E	N N E	N N E	Calm.	1.92	1.12	1.64		Clear.	Clear.		
11	29.312	29.6	21	43	0.51	1.03	0.38	1.00	87	1.00	S b W	S b W	S b W	Calm.	5.62	8.29	7.17		Clear.	Clear.		
12	28.00	29.1	15	30	1.50	2.72	1.86	1.00	92	1.00	N N W	N N W	N N W	Calm.	1.90	1.21	9.50		Clear.	Clear.		
13	28.09	28.37	7	8	0.35	0.58	0.75	1.00	80	1.00	N N E	N N E	N N E	Calm.	5.62	8.29	7.17		Clear.	Clear.		
14	27.5	29.21	5	15	0.19	0.81	0.48	1.00	84	1.00	N N W	N N W	N N W	Calm.	1.75	1.54	1.65		Clear.	Clear.		
15	28.00	28.27	18	19	0.50	0.73	1.30	1.00	73	1.00	N E b E	N E b E	N E b E	Calm.	5.00	5.62			Clear.	Clear.		
16	28.29	28.55	10	9.5	0.19	0.81	0.71	1.00	74	1.00	N E b E	N E b E	N E b E	Calm.	1.75	0.89	3.81		Clear.	Clear.		
17	28.65	28.93	8	8	1.10	1.13	0.58	1.00	86	1.00	N E	N E	N E	Calm.	7.47	1.19	2.30		Clear.	Clear.		
18	28.65	28.31	20	22.5	1.10	1.13	0.58	1.00	86	1.00	N E	N E	N E	Calm.	7.47	1.19	2.30		Clear.	Clear.		
19	27.90	28.21	12	21	0.25	0.91	0.43	1.00	76	1.00	N E	N E	N E	Calm.	0.50	2.62	0.91		Clear.	Clear.		
20	27.3	27.9	5	20.5	0.36	1.30	0.43	1.00	90	1.00	N E	N E	N E	Calm.	5.10	5.55	3.81		Clear.	Clear.		
21	27.7	27.609	2	33	0.13	1.70	1.12	1.00	79	1.00	N E	N E	N E	Calm.	3.00	2.90	0.18		Clear.	Clear.		
22	28.469	28.369	21.5	25	0.13	1.21	1.19	1.00	91	1.00	N E b E	N E b E	N E b E	Calm.	5.29	14.44	16.25		Clear.	Clear.		
23	28.1	28.2993	30	31	1.80	1.95	1.55	1.00	63	1.00	N E b E	N E b E	N E b E	Calm.	90.45	15.90	12.97		Clear.	Clear.		
24	28.9	28.308	29	25	0.73	1.23	0.67	1.00	93	1.00	N E b E	N E b E	N E b E	Calm.	6.30	14.41	10.90		Clear.	Clear.		
25	28.1	28.1	3	25	0.18	1.29	0.83	1.00	83	1.00	N E	N E	N E	Calm.	5.27	4.00	3.97		Clear.	Clear.		
26	27.7	27.31	5	31	0.38	1.30	0.62	1.00	80	1.00	N E	N E	N E	Calm.	0.06	0.72	0.70		Clear.	Clear.		
27	27.915	27.950	65	29	0.00	1.20	0.65	1.00	58	1.00	N E	N E	N E	Calm.	0.06	0.72	0.70		Clear.	Clear.		
28	28.0	28.532	10	27.5	0.69	1.31	1.16	1.00	80	1.00	N E b E	N E b E	N E b E	Calm.	9.00	18.23			Clear.	Clear.		

Highest the 1st day - 30.059
 Lowest, the 23rd day - 28.938
 Monthly Mean - 28.634
 Range - 1.151

Highest, the 11th day - 43.0
 Lowest, the 15th day - 18.0
 Monthly Mean - 16.36
 Range - 61.0

Mean of Humidity—91.6.
 Greatest Intensity of the Sun's Rays—69.0.
 Most Prevalent wind—N. E. by E.
 Least do. do. E.
 Most Windy Day—the 24th day.
 Mean Miles per Hour—19.55.

Least Windy Day—the 8th day.
 Mean Miles per Hour—inapp.
 Snow fell on 9 days, amounting to 51.06 inches.
 Rain fell on 3 days, amounting to 0.52 inches.
 Aurora Borealis visible at observation hours, on 4 nights.
 Lunar Halo, on 2 nights.
 Zodiacal Light on the 23th—Elongation, 47°.

The Electrical state of the Atmosphere, has been marked generally by feeble intensity of a Positive character, and on the 13th, 15th, and 20th days, indicated, for several hours each day, a high Tension of Positive Electricity; and from 9 a. m. to 2 p. m., on the 22nd day, about an equal Intensity of Negative Electricity.

ENARRA TS REPORT FOR JANUARY.—For "Aurora Borealis visible at Observation Hours—2nd nights;" read—"Aurora Borealis visible at Observation Hours, on 2 nights."