

Monthly Meteorological Register, St. Martin, at Isle Jean, Canada East, April, 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.	Snow in inch.	Weather, &c.—A cloudy sky is represented by 10; a cloudless sky by 0.	REMARKS.	
	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	29.593	29.604	29.739	35	53	32	15.5	29.4	1.60	69	72	80	1000	0.00	0.98	Clear.	
2	29.1	29.7	28.47	33	51	29	14.5	29.6	1.52	78	55	85	0.10	0.95	1.40	Clear.	
3	28.78	28.74	28.80	36	50	30	16.1	29.0	2.00	60	64	95	2.40	2.61	0.97	Clear.	
4	28.480	28.6	28.6	35	49	33	21.3	29.0	2.22	96	80	100	0.6	0.7	0.27	Clear.	
5	28.517	28.715	28.962	31	38	38	21.4	29.6	2.07	1.00	1.00	81	10.33	9.43	19.36	Clear.	
6	28.930	29.176	29.334	27	50	28	13.8	30.1	1.44	82	81	83	15.72	1.77	5.70	Clear.	
7	29.6	29.6	29.73	23	50	31	11.4	29.4	1.83	1.00	61	96	5.33	5.25	6.08	Clear.	
8	29.3	29.31	28.83	23	55	30	17.1	29.1	2.51	89	79	96	0.91	4.22	6.08	Clear.	
9	29.10	29.1	28.9	40	51	38	21.0	29.6	2.26	92	69	92	11.75	11.75	10.29	Clear.	
10	29.1	29.1	28.84	36	51	40	21.0	29.0	1.49	81	81	89	13.34	8.51	8.91	Clear.	
11	29.30	29.18	28.45	28	53	35	14.6	28.0	2.04	68	68	91	4.19	1.41	4.12	Clear.	
12	29.1	29.1	28.6	38	54	36	21.1	29.7	2.16	85	92	100	1.41	1.41	1.41	Clear.	
13	29.1	29.1	28.784	39	54	36	21.1	29.7	2.16	85	92	100	1.41	1.41	1.41	Clear.	
14	29.1	29.1	28.751	26	41	27	19.9	29.3	1.56	80	80	88	3.38	5.81	9.87	Clear.	
15	29.3	29.27	28.97	27	45.5	28.5	11.2	29.3	1.53	67	80	101	2.07	2.51	1.77	Clear.	
16	29.63	29.63	29.04	29	55	36	15.2	31.2	2.30	70	70	85	2.07	2.51	1.77	Clear.	
17	29.04	29.04	28.92	35	46	31	18.6	29.6	2.66	69	69	91	3.87	4.32	0.37	Clear.	
18	29.06	29.06	28.4	28	53	39	14.1	29.3	2.94	70	70	83	1.36	0.40	0.52	Clear.	
19	29.1	29.1	28.83	37	55	42	22.2	31.2	2.63	70	70	92	5.37	5.87	5.87	Clear.	
20	29.632	29.632	29.4	43	68	46	21.3	30.3	3.03	78	78	93	0.73	0.91	0.90	Clear.	
21	29.1	29.1	28.99	39	65	46	21.1	31.1	4.45	81	65	89	0.89	1.24	3.91	Clear.	
22	29.1	29.1	28.99	47	51	45	20.1	30.1	3.15	86	93	100	1.15	1.62	1.92	Clear.	
23	29.1	29.1	28.99	47	51	45	20.1	30.1	3.15	86	93	100	1.15	1.62	1.92	Clear.	
24	29.1	29.1	28.99	31	41	33	27.0	31.5	3.15	86	93	100	1.15	1.62	1.92	Clear.	
25	29.1	29.1	28.99	31	41	33	27.0	31.5	3.15	86	93	100	1.15	1.62	1.92	Clear.	
26	29.1	29.1	28.99	31	41	33	27.0	31.5	3.15	86	93	100	1.15	1.62	1.92	Clear.	
27	29.1	29.1	28.99	31	41	33	27.0	31.5	3.15	86	93	100	1.15	1.62	1.92	Clear.	
28	29.1	29.1	28.99	31	41	33	27.0	31.5	3.15	86	93	100	1.15	1.62	1.92	Clear.	
29	29.1	29.1	28.99	31	41	33	27.0	31.5	3.15	86	93	100	1.15	1.62	1.92	Clear.	
30	29.1	29.1	28.99	31	41	33	27.0	31.5	3.15	86	93	100	1.15	1.62	1.92	Clear.	
31	29.1	29.1	28.99	31	41	33	27.0	31.5	3.15	86	93	100	1.15	1.62	1.92	Clear.	

Most Windy Day—the 14th day, mean—14.58 miles per hour
 Least Windy Day—25th mean—0.30 miles per hour.
 Rain fell on 6 days—amounting to 3.586 inches, and was accompanied by thunder on one day.

Snow fell on 1 day—amounting to 1.50 inches.
 Aurora Borealis visible at observation hour, on 4 nights.
 Zodiacal Light visible on 5 nights.

The Electrical state of the Atmosphere, has been remarkable for a constant and very high Intensity of Positive Electricity. The Ozonemeter indicated a very small amount of Ozon.

Mean of Humidity—85.8.
 Greatest Intensity of the Sun's Rays—92.90.
 Amount of Evaporation—1.60 inches.
 Most Prevailing wind—N. E.
 Least do do S. S. W.

Barometer } Highest, the 16th day 29.965
 } Lowest, the 31st day 28.735
 } Monthly Mean 29.654
 } Range 1.230

Thermometer } Highest, the 28th day 80.90
 } Lowest, the 7th day 21.0
 } Monthly Mean 41.36
 } Range 59.80

Swallows first seen
 Z. light Apr 2 B's.
 Zodiacal light diffused.
 Rain com. 3.20 p. m.
 do. contd. 4 p. m. A. F.
 Z. light, Aur. Borealis.
 Zodiacal light, bright.
 St. Rain, 6 p. m. dark.

Low faint aur 2 arch.

1st boat ar. Montreal

Thunder at 11.30 a.m.
 [Frog first heard.
 1st ship arriv. Quebec.

Zodiacal Light, bright

Rain at 9, a. m.