

MONTHLY METEOROLOGICAL REGISTER, ST. MARTIN, ISLE JESUS, CANADA EAST—MARCH, 1861.  
(NINE MILES WEST OF MONTREAL.)

BY CHARLES SMALLWOOD, M. D., I.L.D.

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

Day.	Barom. corrected and reduced to 32°			Temp. of the Air.—F.			Tension of Vapor.			Humidity of Air.			Direction of Wind.			Horizontal Movement in Miles in 24 hours.	Mean of Ozone. (tenths)	Rain in Inches	Snow in Inches	WEATHER, &c.		
	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.					A cloudy sky is represented by 10; A cloudless sky by 0.		
1	29.801	29.904	29.905	34.4	48.4	35.0	1.09	200	102	84	78	80	NBE	SW	SW	133.20	3.5	...	...	Cu. Str. 9.	C. C. Str. 6.	C. Str. 9. Au. B.
2	802	804	732	31.4	43.4	36.1	1.40	193	170	84	71	80	SBW	SBW	NBE	10.60	4.5	In'p.	...	Do. 10.	C. Str. 10.	Cu. Str. 10.
3	474	247	415	34.5	41.4	39.0	1.82	228	201	94	87	88	NBE	W	WSW	46.30	5.5	0.747	...	Rain.	Do. 10.	Clear.
4	30.454	30.371	543	37.4	34.6	29.0	1.42	169	129	84	84	82	WSW	WSW	W	270.70	3.0	...	...	Clear.	Cu. Str. 2.	Scud. 4.
5	29.816	29.716	824	9.0	30.4	15.2	0.51	136	070	77	83	82	W	W	WSW	274.00	3.0	...	...	Do.	Cu. Str. 10.	Do. 4.
6	074	450	716	16.7	21.6	12.8	0.68	074	081	75	04	71	SW	W	W	299.10	4.5	...	0.99	Snow.	Snow.	Slight Snow.
7	30.190	30.188	30.398	-11.4	3.0	0.0	0.20	032	030	70	00	64	WBN	WSW	WSW	370.90	2.5	...	...	Clear.	Clear.	Clear.
8	327	120	29.810	-1.0	26.6	29.8	0.30	117	136	69	82	83	SEB	ESSE	ESSE	180.90	3.5	...	...	Do.	C. C. Str. 8.	Cu. Str. 4.
9	29.650	29.431	320	34.2	35.6	33.1	1.82	169	168	95	83	89	SSE	W	W	120.70	7.5	0.264	0.77	Rain.	Rain.	C. C. Str. 10.
10	550	727	30.076	29.4	29.1	19.1	1.36	142	077	84	86	76	WSW	WSW	WSW	272.10	6.0	...	1.40	C. C. Str. 8.	Cu. Ct. Str. 3.	Clear.
11	30.117	30.100	040	-1.1	30.9	17.7	0.28	140	072	63	85	75	W	W	SSE	69.20	3.0	...	...	Clear.	C. C. Str. 10.	C. C. Str. 10.
12	29.664	060	147	21.4	27.0	10.4	0.65	117	050	73	92	80	SSE	W	SEB	319.80	4.5	...	1.04	Str.	4.	Do.
13	839	000	107	10.6	22.6	18.4	0.54	095	077	78	79	76	SSE	WBS	WFW	232.90	7.5	...	3.07	Snow.	Snow.	C. Str. 8. Au. B.
14	30.273	214	120	-4.0	21.9	5.5	0.24	074	032	51	64	60	NWB	NBE	NBE	14.60	3.0	...	...	Clear.	Clear.	Do. 2. do.
15	137	29.953	000	-1.0	32.5	16.1	0.40	137	070	85	74	80	NBE	SBW	SSW	17.10	2.5	...	...	Do.	Do.	Str. 2. do.
16	29.753	401	29.450	-1.0	36.7	29.9	0.31	170	130	70	80	78	NW	SBW	SSE	27.80	2.0	In'p.	...	Do.	Cirr.	0.
17	820	30.040	30.220	-5.0	7.3	-2.9	0.22	037	032	68	62	82	W	W	NNW	343.50	2.0	...	...	Do.	Clear.	Slight Rain.
18	30.497	420	506	-16.4	12.9	-4.2	0.12	045	024	69	00	65	W	SW	SSW	56.90	2.0	...	...	Do.	Do.	Do.
19	543	330	198	-17.1	15.9	1.6	0.03	059	026	12	66	56	NBE	NBE	NBE	103.60	2.0	...	...	Do.	Do.	Do.
20	277	247	138	-3.7	31.9	7.0	0.31	136	037	83	78	64	NBE	NBE	NBE	10.90	1.0	...	...	Do.	Do.	Cirr. 4. L. hal.
21	29.995	29.900	27.914	-6.0	20.0	23.0	0.40	075	101	75	71	76	NBE	NBE	NBE	27.60	4.0	...	1.10	C. Str. 10.	Snow.	C. C. Str. 6.
22	30.028	30.011	30.000	18.6	47.1	27.9	0.77	273	129	70	85	88	NBE	SWBW	WSW	35.20	3.0	...	...	Cu. Str. 6.	Clear.	Clear.
23	29.948	29.741	29.542	15.2	48.4	39.0	0.61	260	201	74	78	86	ESE	EBN	S	70.80	2.5	...	...	Clear.	Cir. Cum. 4.	Cu. Str. 10.
24	460	576	864	31.0	32.3	26.4	0.58	156	117	85	85	88	S	WSW	NW	372.00	2.0	...	...	C. C. Str. 4.	Cu. Str. 10.	Clear.
25	30.176	30.040	920	14.4	36.9	32.1	1.61	156	162	74	75	87	WSW	SEB	ESE	111.20	2.0	...	...	Clear.	C. C. Str. 4.	C. C. Str. 10.
26	29.890	29.746	748	29.4	34.6	33.7	1.49	162	162	89	83	84	NBE	NBE	NBE	152.80	6.5	0.510	...	Cu. Str. 10.	Rain.	Rain.
27	524	476	518	33.4	36.1	37.8	1.68	208	193	89	91	84	NBE	NBE	SSW	209.50	4.0	0.235	...	Do.	10.	Fog.
28	781	950	30.060	20.0	34.2	29.0	0.61	155	129	77	79	82	W	W	WSW	618.79	3.0	...	...	Do.	4.	Clear.
29	30.214	814	29.770	21.1	39.0	33.1	0.61	158	168	77	68	89	NBE	NBE	NBE	335.20	5.0	...	...	Cirr.	4.	Cu. Cirr. 4.
30	29.198	097	30.134	40.5	38.7	29.3	2.19	180	136	87	77	83	WSW	W	NW	187.50	3.5	...	...	Rain.	4.	C. C. Str. 6.
31	428	441	599	15.0	32.4	20.4	0.61	137	081	78	74	77	NBE	ESE	SBW	72.20	2.0	...	...	Clear.	Do.	6.

REMARKS ON THE ST. MARTIN, ISLE JESUS, METEOROLOGICAL REGISTER FOR MARCH.

Barometer ..... Highest, the 31st day ..... 30.599  
 Lowest, the 30th day ..... 29.198  
 Monthly Mean ..... 29.878  
 Monthly Range ..... 1.401

Thermometer ..... Highest, the 1st day ..... 48° 4  
 Lowest, the 19th day ..... -17° 1  
 Monthly Mean ..... 21° 94  
 Monthly Range ..... 65° 5

Greatest Intensity of the Sun's Rays ..... 76° 6  
 Lowest Point of Terrestrial Radiation ..... -19° 7  
 Mean of Humidity ..... .768

Rain fell on 6 days, amounting to 1.756 of an inch; it was raining 52 hours 35 minutes.  
 Snow fell on 6 days, amounting to 8.34 inches; it was snowing 40 hours and 15 minutes.  
 Mos. prevalent wind, the N. E. by E.  
 Least prevalent wind, the E. by N.  
 Most windy day, the 28th; mean miles per hour, 25.77.  
 Least windy day, the 2nd; mean miles per hour, 0.61.  
 Aurora Borealis visible on 6 nights.  
 Lunar Halo visible on 1 night.  
 Imperfect Solar Halo the 31st day.  
 Zodiacal Light was bright.  
 The Electrical state of the Atmosphere has indicated moderate intensity.