

Monthly Meteorological Register, St. Martin, at Isle Jesus, Canada East October, 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.	
	6 A.M.	2 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	29.629	29.447	42.5	59.0	46.6	2.63	3.38	3.03	.92	.66	.93	S W	S S	4.1	0.50	0.006			Cum Str. 5.
2	34.6	34.0	42.4	45.4	41.0	.292	.290	.233	.93	.93	.92	N E	N E	4.1	0.50	0.006			Rain e. 7.40 am
3	44.3	40.5	41.5	38.0	45.0	36.1	2.32	2.41	9.4	7.6	9.1	W N	W N	16.30	15.00	0.665			Cum Str. 5.
4	57.4	53.7	48.3	38.0	52.7	17.8	2.36	3.26	8.1	8.1	.93	S W	S W	2.61	2.25	0.444			Light rain.
5	42.3	26.1	18.6	51.0	53.0	51.0	3.37	3.11	3.74	3.6	.96	S	S	5.00	9.19	5.16	0.366		Cum Str. 10.
6	51.8	43.5	54.0	40.0	41.0	36.1	2.50	2.05	9.5	7.3	.86	W N	W N	15.64	24.16	25.81			Rain.
7	67.9	65.8	67.2	34.0	47.7	41.1	1.78	2.12	8.3	6.9	.79	W N	W N	19.84	14.81	6.25			Str. 2.
8	54.2	50.8	42.2	62.2	49.0	2.13	2.12	3.12	8.5	7.8	.86	S S	S W	1.17	1.17	0.100			Cum Str. 2.
9	29.2	24.0	20.6	51.7	63.5	53.1	3.61	4.14	7.9	5.8	.76	W	S S	1.65	4.62	3.72			Clear.
10	37.7	35.8	39.1	50.8	37.1	2.25	2.92	1.99	9.1	7.0	.83	W	W N	3.17	5.37	0.53			Clear.
11	47.3	46.9	32.0	38.0	42.5	38.1	2.26	2.63	8.6	8.0	.91	W	W N	1.39	13.14	18.05			Clear.
12	48.8	41.0	42.0	37.0	45.6	42.6	2.01	2.53	8.6	8.0	.85	W	W	14.30	12.06	15.00			Clear.
13	39.5	36.6	54.9	40.5	45.8	40.8	2.45	2.27	9.2	8.0	.85	W N	W N	21.73	9.98	8.45			Clear.
14	66.3	63.2	76.5	36.7	51.5	35.5	2.10	2.10	9.1	7.0	.91	N W	N W	0.38	0.67	2.12			Clear.
15	74.0	69.1	65.1	36.0	59.2	47.0	2.18	2.18	8.7	7.1	.86	S W	S W	0.22	0.22	2.51			Clear.
16	73.6	66.2	56.1	38.0	63.6	47.0	2.18	2.18	8.7	7.1	.86	W	W	0.25	1.37	1.02			Clear.
17	58.1	53.3	65.0	34.0	55.9	41.0	1.82	2.25	9.2	8.4	.85	W	W	0.22	6.75	2.71			Clear.
18	74.6	67.9	68.5	32.0	55.4	43.0	1.82	2.25	9.1	6.6	.79	W	W	0.67	5.06	3.05			Clear.
19	69.0	61.1	65.1	37.2	63.7	50.0	2.18	2.18	9.1	6.3	.75	W	W	5.31	4.08	6.25			Clear.
20	65.1	62.1	58.6	43.6	67.0	50.8	2.52	2.52	8.5	7.2	.87	W	W	7.81	2.00	1.75			Clear.
21	57.7	49.1	43.9	44.6	55.9	54.2	2.92	4.80	9.2	7.9	.94	E	E	0.91	3.52				Clear.
22	37.2	21.1	12.8	49.0	66.2	63.2	3.36	4.05	9.3	9.4	.94	S W	S W	2.95	1.95	9.00			Clear.
23	20.7	22.2	38.8	51.0	57.5	44.0	3.15	3.15	8.1	6.6	.79	W	W	5.21	17.50	7.65			Rain e. 3.4 am.
24	24.7	42.8	24.8	38.8	40.5	32.7	1.87	2.10	9.0	9.0	.91	W	W	1.78	0.62	7.50			Clear.
25	11.3	11.5	3.91	33.0	40.5	32.7	1.87	2.10	9.0	9.0	.91	W	W	17.75	17.03	17.00			Clear.
26	61.0	41.5	4.98	33.0	45.3	41.0	1.61	2.72	7.8	8.6	.85	S S	S S	9.61	4.25	7.07			Clear.
27	35.7	35.9	52.6	41.0	48.0	39.0	2.62	3.02	8.4	8.4	.84	S	S	6.68	5.87	3.88			Clear.
28	46.5	43.5	5.63	35.0	41.5	29.5	2.03	2.01	7.0	7.0	.70	W	W	1.01	2.63	3.93			Clear.
29	72.4	73.0	78.6	26.5	40.9	28.5	1.08	1.17	6.6	7.9	.65	N W	N W	3.32	9.30	2.85			Clear.
30	85.3	80.5	72.0	24.1	42.0	32.0	1.15	1.78	7.6	6.3	.76	W	W	0.76	0.12				Clear.
31	62.9	50.4	46.3	31.5	52.2	40.0	1.71	2.83	8.9	7.9	.79	S	S	3.85	6.25				Clear.

Barometer { Highest, the 30th day - 29.853  
 Lowest, the 25th day - 29.113  
 Monthly Mean - 29.500  
 Range - 0.740

Thermometer { Highest, the 30th day - 69.5  
 Lowest, the 9th day - 23.0  
 Monthly Mean - 43.937  
 Range - 46.5

Greatest Intensity of the Sun's Rays—138.0  
 Least point of Terrestrial Radiation 21.0  
 Mean of Humidity, 85.5  
 Amount of Evaporation, 2.31 inches.

Rain fell on 11 days amounting to 5.463 inches, and was accompanied by thunder and lightning on 2 days.  
 Snow fell on the 24th day, amounting to 2.00 inches.  
 Most Prevalent wind—W. N. W.  
 Least do. do. E.  
 Most Windy Day—the 6th day—mean miles per hour 21.87.  
 Least Windy Day—1st day—mean miles per hour 0.456.  
 Aurora Borealis visible on 1 night, and might have been seen on 17 nights.  
 The electrical state of the atmosphere has been marked by moderate intensity of a positive character, and during the storm of the 9th day, indicated a High Tension of the same character.

\* This Table was accidentally omitted in the November number. The Tables for Toronto, and St. Martin, and Quebec, will appear as usual in the next issue.