

Monthly Meteorological Registers, St. Martin, Isle Jesus, Canada East.—June, 1855.  
NINE MILES WEST OF MONTREAL.

BY CHARLES SMALLWOOD, M.D.

Latitude—45 deg. 32 min. North. Longitude—78 deg. 30 min. West. Height above the Level of the Sea—118 Feet.

Day	Barom. corrected and reduced to 32° Fahr.		Temp. of the Air.		Tension of Vapor.		Humidity of Air.		Direction of Wind.		Velocity in Miles per Hour.		Rain in Inches	Weather, &c.		
	6 A.M.	2 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.	10 P.M.	
	1	29.770	29.740	29.680	71.8	65.7	.534	.681	.88	.89	SSW	SW	6.26	5.00	7.13	Cir. Str. 10.
2	.680	.750	.700	66.4	66.6	.574	.576	89	99	SbW	S	13.53	2.24	3.25	Do. 8.	Do. 10.
3	.689	.705	.734	61.0	72.9	.578	.578	94	94	SW	SW	7.74	8.78	6.87	Rain.	Str. 8.
4	.610	.687	.735	53.6	57.4	.386	.402	96	94	W	WSW	2.37	7.89	4.05	Rain.	Do. 2.
5	.682	.678	.740	54.0	56.3	.326	.456	74	81	WbS	W	5.29	3.67	6.87	Cum. Str. 6.	Clear.
6	.700	.725	.820	53.0	69.5	.301	.414	58	74	W	WbS	4.17	6.20	11.01	Cir. 4.	Str. 2.
7	.721	.650	.489	55.6	65.8	.351	.473	95	96	SSW	SEbE	10.73	0.13	4.62	Cr. Cum. Str. 9.	Rain.
8	.441	.600	.671	51.1	63.0	.350	.388	80	79	NNW	WbN	10.07	6.07	6.28	Cum Str. 4.	Do. 2.
9	.680	.670	.691	47.1	68.0	.291	.582	86	85	W	WbS	3.79	7.30	7.08	Do. 8.	Do. 2.
10	.621	.269	.981	53.0	55.8	.337	.422	99	99	ENE	ENE	0.81	5.00	1.25	Do. 8.	Showers.
11	.546	.485	.611	54.2	61.7	.428	.431	99	81	WSW	WSW	1.81	7.50	7.88	Rain.	Str. 4.
12	.700	.811	.800	46.8	54.0	.282	.849	85	81	WSW	WSW	9.95	6.64	2.87	Clear.	Do. 10.
13	.946	.985	.950	53.0	69.1	.337	.332	81	84	WSW	WSW	3.38	4.20	6.03	Cum. Str. 4.	Clear.
14	.830	.785	.739	56.9	72.5	.363	.473	61	67	SWbW	W	2.81	8.23	10.70	Clear.	Str. 10.
15	.604	.685	.681	55.9	59.7	.408	.402	79	74	WbS	NbW	4.77	6.63	3.87	Showers.	Cir. Str. 3.
16	.721	.721	.661	58.7	69.2	.367	.351	51	64	W	NbW	Calm	10.33	7.00	Clear.	Clear.
17	.921	.900	.807	43.0	70.4	.233	.442	70	70	NNW	WbS	9.33	1.80	Inap.	Do.	Do.
18	.101	.150	.071	47.0	72.2	.271	.367	67	79	NE	NEbE	Calm	2.65	0.37	Do.	Do.
19	.298	.294	.287	58.0	71.8	.441	.606	90	67	NEbE	S	0.44	2.97	5.08	Cir. Str. 2.	Cir. Str. 10.
20	.800	.770	.760	53.0	61.0	.371	.442	81	94	E	NE	5.20	3.91	1.64	Rain.	Str. 9.
21	.780	.778	.789	54.8	74.0	.349	.532	81	83	W	WSW	0.78	3.12	3.14	Str. 10.	Cir. Cum. 2.
22	.720	.714	.780	61.6	72.1	.512	.670	86	84	WSbW	NEbE	Calm	2.12	1.04	Rain.	Str. 6.
23	.978	.964	.987	58.0	81.2	.389	.704	41	79	NEbE	SEbE	Inap.	4.08	Calm	Clear.	Cir. Str. 4.*
24	.975	.946	.885	55.1	71.8	.394	.648	84	88	E	EbS	Calm	0.62	2.38	Rain.	Rain.
25	.743	.790	.840	59.0	65.6	.506	.555	89	1.00	ENE	NE	11.36	3.90	4.97	Cir. Str. 4.	Cum. Str. 9
26	.930	.900	.802	64.1	70.1	.63.5	.571	96	79	SWbS	W	0.32	3.09	6.01	Cr. Cum. Str. 4.	Cir. Str. 8, dist. th.
27	.031	.005	.000	67.0	81.9	.70.6	.692	83	63	WbS	WSW	7.50	6.25	5.70	Clear.	Str. 4.
28	.835	.726	.860	66.6	89.2	.73.3	.605	82	82	SbE	WSW	0.54	1.82	5.00	Inapp.	Clear.
29	.661	.615	.646	70.8	93.8	.74.2	.659	90	68	WbS	SWbS	4.30	9.39	6.07	Snowers.	Do.
30	.614	.623	.602	80.9	94.4	.617	.854	61	52	WbS	SW	1.01	0.82	2.08	Clear.	Nimb. 4, dis. th. Cir. Str. 9.

Barometer	Highest, the 18th day	30.150
	Lowest, the 10th day	29.269
	Monthly Mean	29.757
	Range	0.881
Thermometer	Highest, the 30th day	95°-3
	Lowest, the 17th day	39°-7
	Monthly Mean	62°-39
	Range	56°-6
	Mean Humidity	809

Amount of Evaporation, 2.61 inches.  
Most prevalent Wind, W S W. Least prevalent Wind, E b S.  
Most Windy Day, the 25th day; mean miles per hour, 6.47.  
Least Windy Day, the 17th day; mean miles per hour, 0.60.  
Aurora Borealis invisible. Might have been seen on 12 nights.  
Ozone.—The amount of Ozone has been rather large in quantity.  
The electrical state of the atmosphere has been marked by rather high intensity; and on the 26th and 29th days indicated a very high tension of a negative character.  
Yellow matter observed in the rain which fell on the 2nd and 29th days.  
Parhelia at 7 p.m. on the 21st day.  
\* Lunar Halo, diameter 41°.  
† Lunar Halo, diameter 47°.

Greatest Intensity of the Sun's Rays..... 124°-1  
Rain fell on 15 days, amounting to 8.317 inches, and was accompanied with thunder on two days; raining 88 hours 50 min.