

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

BY CHARLES SMALLWOOD, M.D.

Latitude—45 deg. 32 min. North. Longitude—73 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. A cloudy sky is represented by 10; A cloudless sky by 0.
	6 A.M.	2 P.M.	6 A.M.	2 P.M.	6 A.M.	2 P.M.	6 A.M.	2 P.M.	6 A.M.	2 P.M.	6 A.M.	2 P.M.		
1	29.656	29.580	76.1	92.2	77.9	814	787	86	SW	SW	11.08	5.00	4.25	Sr. 4
2	29.600	29.507	74.2	81.0	68.3	691	552	83	SW	SW	5.26	12.12	8.02	Do. 2.
3	29.598	29.410	68.8	74.1	62.1	412	458	84	SW	SW	10.28	6.50	0.62	Do.
4	29.796	29.685	69.2	78.5	66.0	513	570	72	S	S	11.97	9.97	10.25	Cir. Cum. Str. 8.
5	29.685	29.584	65.3	79.2	64.7	555	476	80	SW	SW	2.05	6.04	6.56	Cum. Str. 9.
6	29.854	29.860	68.1	82.7	68.8	496	516	72	SW	SW	1.46	1.50	0.16	Cir. Str. 4.
7	29.917	29.940	80.000	60.2	65.1	416	381	79	SW	SW	5.37	5.20	1.52	Cir. Cum. Str. 6.
8	29.078	29.040	80.060	52.1	76.6	60.1	826	81	NE	NE	5.00	2.47	0.87	Cir. Cum. Str. 10.
9	29.926	29.856	66.0	78.8	64.5	478	498	61	SW	SW	0.21	2.76	4.87	Clear.
10	29.706	29.708	73.4	60.3	74.7	516	648	80	SW	SW	8.16	4.98	0.66	Do.
11	29.732	29.695	72.6	70.2	66.7	668	659	78	SW	SW	0.11	1.56	3.25	Cir. Str. 8.
12	29.694	29.646	69.8	87.7	70.1	541	688	86	SW	SW	1.23	4.20	2.60	Do. 4.
13	29.604	29.599	66.1	64.0	61.0	555	584	89	SW	SW	0.10	7.50	1.32	Cir. Cum. Str. 8.
14	29.817	29.836	63.1	76.0	62.9	488	471	97	SW	SW	0.89	0.89	8.29	Cir. Cum. Str. 4.
15	29.800	29.822	69.4	88.6	71.0	513	619	72	SW	SW	0.09	1.50	6.80	Clear.
16	29.986	29.925	91.5	74.2	90.1	620	814	73	SW	SW	6.27	5.93	8.37	Do.
17	29.888	29.869	86.3	77.1	75.2	648	814	90	SW	SW	0.01	10.71	2.20	Cir. Cum. 2.
18	29.887	29.823	71.5	66.1	87.0	644	704	727	SW	SW	0.26	1.81	2.52	Do.
19	29.567	29.509	65.1	75.0	80.4	761	787	89	SW	SW	9.44	10.80	0.77	Cum. Str. 6, th. Str. 4.
20	29.560	29.534	80.001	60.0	76.0	60.7	871	59	NE	NE	4.11	4.81	0.07	Do. 6.
21	29.810	29.830	80.001	54.9	74.4	59.2	373	485	NE	NE	1.28	5.90	1.25	Cir. Cum. Str. 4.
22	29.805	29.810	66.1	80.1	65.1	416	467	52	NE	NE	0.68	0.68	0.27	Do. 6.
23	29.938	29.930	80.015	63.9	78.7	64.1	546	578	SE	SE	3.28	Caln	1.40	Cir. Cum. Str. 4.
24	29.999	29.911	82.6	82.7	82.7	574	659	84	SE	SE	1.12	1.62	1.62	Cir. Cum. Str. 9.
25	29.862	29.826	83.9	65.0	88.7	71.8	560	801	SE	SE	Caln	1.02	3.31	Very dense fog
26	29.821	29.811	70.6	70.0	89.2	71.5	659	90	SW	SW	1.79	0.15	0.15	Cum. Str. 10
27	29.755	29.724	77.6	72.1	88.9	704	688	90	SW	SW	Caln	0.15	0.80	Rain.
28	29.690	29.701	74.4	69.9	90.1	73.8	617	96	SW	SW	0.37	Caln	7.87	Cum. Str. 2.
29	29.710	29.740	83.8	76.0	82.4	70.1	763	86	SW	SW	2.25	3.38	2.15	Cir. Cum. Str. 8.
30	29.826	29.826	73.4	69.2	82.0	638	628	95	SW	SW	Caln	0.62	0.19	Cum. Str. 8
31	29.866	29.868	83.9	69.5	89.0	486	688	63	NE	NE	0.15	6.32	Caln	Do. 4.

Highest, the 9th day 30.096
 Lowest, the 19th day 29.509
 Monthly Mean 29.803
 Range 0.587
 Highest, the 28th day 94° 8
 Lowest, the 8th day 42° 2
 Monthly Mean 72° 73
 Range 52° 6
 Mean Humidity 767
 (Greatest Intensity of the Sun's Rays 127° 2
 Lowest Point of Terrestrial Radiation 40° 1
 Rain fell on 7 days, amounting to 2.351 inches, raining 14 hours 5 min.; and was accompanied with thunder on four days.
 Most prevalent Wind, S. Least prevalent Wind, S E.

Most Windy Day, the 4th day; mean miles per hour, 10.72.
 Least Windy Day, the 27th; mean miles per hour, 0.15.
 Aurora Borealis visible on 3 nights. Might have been seen on 11 nights.
 Lunar Halo on the 23d, diameter 38° 0.
 Splendid Meteor on the 14th, at 9-10 p.m., passing from a Aquila to a Serpentin; motion slow, and leaving a train like a rocket, noiseless.
 The electrical state of the atmosphere has been marked by a moderate intensity of a positive character; and during the storms of the 15th and 17th days indicated a very high tension of negative electricity, amounting to 300° in terms of Volta's Electrometer No. 1.—0.770 inches of rain fell in 18 minutes during the storm of the 17th day.
 Ozone.—The amount of Ozone has been in moderate quantity during the month.

* Lunar Halo, diameter 38°.