

Monthly Meteorological Register, St. Martin, Isle Jesus, Canada East.—September 1855.
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 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.	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.		6 A.M.	10 P.M.
	A cloudy sky is represented by 10; A cloudless sky by 0.														
1	29.800	29.621	56.2	78.0	432	692	.94	.95	SW	SW	0.38	1.87	0.152	Cir. Cum. Str. 10	Cum. Str. 4, thu.
2	.696	.884	64.1	62.9	476	383	79	59	WNW	WNW	5.70	16.11	...	Cir. Str. 5, [6.	Do. 4.
3	.972	.906	44.0	69.3	271	486	81	86	NbW	NbW	5.92	2.12	0.28	Clear.	Do. 4.
4	30.056	30.102	62.1	72.0	330	584	85	76	ENe	ENe	0.76	2.19	0.75	Do.	Clear.
5	.160	.119	52.6	78.2	373	523	93	85	ENe	ENe	0.76	2.19	0.20	Do.	Do.
6	.181	.086	46.0	77.1	319	560	94	85	SW	SW	Calm	Calm	...	Do.	Do.
7	.046	29.890	57.0	77.7	456	534	95	86	SW	SW	Calm	Calm	...	Cum. Str. 10.	Clear.
8	.796	.718	64.0	73.2	571	692	95	86	SW	SW	0.30	3.90	...	Cum. Str. 4	Clear.
9	.629	.598	71.1	80.1	681	532	90	83	WS	WS	1.40	1.77	0.92	Clear.	Do. 10.
10	.886	.718	75.5	60.7	326	506	81	87	WS	WS	4.30	13.56	12.80	Clear.	Cum. Str. 2.
11	.759	.714	68.3	61.7	638	544	93	67	WS	WS	0.81	0.90	5.15	Do.	Do. 10.
12	.470	.889	45.7	70.4	659	776	60	62	WS	WS	0.15	0.87	0.40	Do.	Cum. Str. 10.
13	.700	.775	58.3	66.2	412	317	264	85	WS	WS	1.75	11.25	14.00	Do.	Clear, ft. aurora.
14	.656	.987	50.5	42.1	215	354	272	76	WS	WS	7.69	20.00	9.08	Do.	Clear, sht. lig.
15	.850	.714	69.3	44.6	282	455	441	92	SE	SE	0.50	1.14	0.64	Do.	Do. ft. aur. light.
16	.651	.626	72.8	67.1	600	282	455	441	SE	SE	Insp.	1.35	3.14	Do.	Do.
17	.765	.751	65.6	73.4	499	628	89	78	SE	SE	1.00	2.77	6.51	Do.	Cir. Str. 8.
18	.685	.715	68.9	49.1	336	246	216	61	SE	SE	Insp.	2.25	0.11	Do.	Rain.
19	.040	30.006	30.086	38.4	189	238	182	76	SE	SE	3.25	10.62	4.75	Do.	Rain.
20	.140	29.989	29.989	34.2	203	281	95	66	SE	SE	0.90	0.72	0.22	Do.	Do.
21	.846	.754	77.0	42.9	263	407	349	92	SE	SE	0.40	0.12	Insp.	Do.	Cir. Str. 6.
22	.841	.844	60.0	58.0	314	412	337	85	SE	SE	Calm	Calm	...	Cir. Str. 10	Do. 10.
23	.075	30.155	30.161	40.8	303	455	303	93	SE	SE	Calm	Calm	...	Cir. Str. 4.	Cum. Str. 4.
24	.132	.002	29.909	42.0	278	435	400	96	SE	SE	Insp.	1.10	Insp.	Do.	Do. 4.
25	29.900	.788	82.7	52.0	349	541	441	87	SE	SE	Insp.	0.92	0.78	Do.	Do. 10.
26	.496	.377	83.5	61.2	488	640	605	89	SE	SE	Calm	0.92	0.78	Do.	Do. 8.
27	.486	.513	72.0	58.1	372	383	262	89	SE	SE	5.12	0.78	0.42	Do.	Do. 8.
28	.958	.951	68.1	61.0	46.5	210	274	248	79	SE	1.21	Calm	...	Do. 6.	Do. 6.
29	30.001	30.040	88.5	32.0	422	282	96	62	SE	SE	Calm	2.14	0.14	Do.	Clear.
30	29.700	29.665	.773	50.8	349	440	450	93	SE	SE	2.21	13.55	6.24	Cir. Cum. Str.	Cir. Str. 8.

Barometer ... Highest, the 23rd day 30.161
 Lowest, the 26th day 29.385
 Monthly Mean 29.892
 " Range 0.826

Thermometer { Highest, the 12th day 87°·7
 Lowest, the 28th day 30°·4
 Monthly Mean 58°·5
 " Range 57°·8
 Mean Humidity903

Greatest Intensity of the Sun's Rays 128°·2
 Lowest Point of Terrestrial Radiation 29°·3
 Amount of Evaporation, 3.04 inches.

Rain fell on 12 days, amounting to 3.471 inches, and was accompanied by thunder on one day. Raining 42 hours, 29 minutes.
 Most prevalent Wind, N.W. by W. Least prevalent Wind, E.
 Most Windy Day, the 13th day; mean miles per hour, 12.25.
 Least Windy Day, the 22nd; mean miles per hour, 0.00.
 Aurora Borealis visible on 2 nights. Might have been seen on 12 nights.
 Brilliant Meteor on the 11th day at 9.40 p.m. in S.E. passing from Algenib Pegasi to H Antini.
 Meteor of moderate brightness on the 12th day at 9 p.m. in S.E. passing from E pisc: accident; to B Aquari.
 The electrical state of the atmosphere has been marked by rather feeble intensity, increased during each fall of rain.
 Ozone was in rather large quantity during the month.