

MONTHLY METEOROLOGICAL REGISTER, SAINT MARTIN'S, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF DECEMBER, 1857.

Latitude, 45 degrees 32 minutes North. Longitude, 73 degrees 36 minutes West. Height above the level of the Sea, 118 feet.

BY CHARLES SMALLWOOD, M.D., LL.D.

Day of Month.	Barometer corrected and reduced to 32° F. (English inches.)			Temperature of the Air. F.			Tension of Aqueous Vapour.			Humidity of the Atmosphere.			Direction of Wind.			Mean Velocity in Miles per hour.			Amo't of Rain in inches.	Amo't of Snow in inches.	Weather, Clouds, Remarks, &c., &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.	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 one by 0.]																									
1	29.817	29.754	29.893	46.0	46.0	35.5	.215	.282	.210	.92	.86	.90	S. S. E.	W. S. W.	W. S. W.	7.92	5.60	10.00	0.160		Rain.	C. C. Str.	4.	C. Str.	10.	
2	871	783	680	31.7	49.8	35.3	.203	.227	.203	.90	.85	.90	W. S. W.	S. W.	S. by E.	9.03	3.83	0.27			C. C. Str.	8.	C. C. Str.	8.		
3	623	814	902	33.0	30.4	23.4	.189	.160	.129	.89	.86	.82	W. N. W.	W. N. W.	W. N. W.	16.13	6.03	23.36			C. Str.	10.	C. Str.	10.		
4	880	901	30.014	21.0	21.0	18.9	.164	.097	.083	.78	.65	.82	N. W.	W. N. W.	N. W. by E.	33.12	1.10	9.30	0.50		Clear.	"	"	Clear.	Aurora Borealis.	
5	30.031	30.111	177	6.5	20.0	5.0	.051	.083	.046	.87	.63	.84	N. W. by N.	N. E. by E.	N. W. by N.	1.65	0.93	1.63			C. C. Str.	6.	Clear	"	"	
6	060	29.881	29.678	3.6	14.0	2.0	.044	.080	.092	.86	.84	.67	N. E. by E.	N. E. by E.	S. E. by E.	5.23	2.97	8.67			C. C. Str.	10.	Clear.	"	"	
7	29.590	634	310	34.0	43.5	33.3	.178	.241	.187	.83	.70	.80	S. W.	W. by S.	S. W.	16.21	10.17	11.36	Inapp.	0.93	C. Str.	6.	Clear.	"	"	
8	713	754	987	33.5	43.3	32.9	.187	.243	.178	.80	.79	.86	S. W.	W. by N.	W. N. W.	4.51	3.02	3.36			C. Str.	6.	Clear.	"	"	
9	831	643	378	26.0	31.0	37.7	.112	.171	.226	.70	.89	.91	N. E. by E.	N. E. by E.	S. S. E.	7.63	8.51	6.51	0.240	0.10	C. Str.	4.	C. Str.	6.	C. C. Str.	4.
10	370	375	604	35.5	37.5	24.0	.210	.207	.106	.90	.84	.73	S. W. by W.	S. W. by W.	W. N. W.	9.33	7.35	16.81			C. Str.	4.	C. C. Str.	4.	Clear.	"
11	909	30.039	30.279	11.1	12.3	9.2	.063	.068	.069	.67	.67	.77	W. by N.	W. by N.	W. N. W.	23.33	8.72	10.51			Clear.	"	"	"	"	
12	30.323	262	232	9.0	29.8	21.6	.068	.098	.093	.70	.73	.74	W. S. W.	W. S. W.	S. W.	8.73	7.50	5.42			C. Str.	4.	C. C. Str.	4.	Clear.	"
13	29.187	29.914	29.848	27.0	30.0	34.6	.183	.214	.187	.76	.84	.85	W. S. W.	S. W.	S. W.	18.30	8.06	13.98			Clear.	"	"	"	"	
14	29.816	820	30.018	33.1	40.1	35.2	.187	.210	.186	.90	.79	.83	S. W. by W.	S. W. by W.	W. by N.	7.80	4.92	3.08			C. C. Str.	8.	C. C. Str.	10.	C. Str.	10.
15	30.198	30.260	185	19.1	21.1	20.2	.091	.091	.089	.73	.65	.68	N. E. by E.	N. E. by E.	N. E. by E.	14.22	3.93	2.47			C. Str.	10.	C. C. Str.	4.	C. C. Str.	10.
16	082	184	131	19.6	31.1	24.7	.091	.152	.135	.73	.73	.80	N. E. by E.	N. E. by E.	N. E. by E.	5.42	0.82	0.01			C. Str.	10.	C. C. Str.	4.	C. C. Str.	10.
17	29.981	29.888	29.888	25.0	35.6	32.5	.107	.192	.192	.70	.63	.87	N. E. by E.	N. E. by E.	S. by W.	1.00	0.01	0.01			C. Str.	10.	C. C. Str.	4.	C. C. Str.	10.
18	650	350	310	32.2	34.4	34.0	.191	.203	.205	.90	94	.95	N. E. by E.	N. E. by E.	N. W. by W.	2.99	8.81	3.28	0.876		Rain.	"	"	Rain.	"	
19	810	950	30.147	23.5	18.8	12.0	.102	.103	.075	.80	.76	.74	W. N. W.	W. N. W.	N. W. by N.	12.99	14.39	15.77	0.074		C. Str.	10.	C. Str.	10.	C. Str.	10.
20	30.272	30.254	346	9.1	11.3	7.7	.065	.066	.067	.73	.68	.71	N. W.	W.	W. S. W.	9.99	4.11	0.73			C. Str.	10.	C. Str.	10.	C. Str.	10.
21	199	100	29.987	7.4	30.5	17.0	.051	.145	.096	.87	.83	.83	S. E.	S. E.	E. by N.	2.90	1.05	2.33			Clear.	"	"	Clear.	Aurora Borealis.	
22	29.479	29.275	357	20.3	27.0	22.1	.114	.137	.095	.87	.82	.70	N. E. by E.	N. by E.	W. by N.	7.42	6.08	9.10			Snow.	"	"	Snow.	"	
23	398	206	198	13.0	25.3	21.0	.083	.123	.135	.82	.79	.90	S. W.	S. E.	S. W.	17.55	2.22	3.13			C. Str.	8.	C. Str.	10.	Snow.	"
24	347	683	974	20.1	12.4	0.1	.114	.068	.038	.87	.67	.85	N. W.	N. W.	W. S. W.	19.51	15.70	13.99			Snow.	"	"	Snow.	"	
25	30.403	308	854	10.7	8.3	0.4	.022	.065	.034	.78	.68	.74	W. by N.	S. by W.	N. E. by E.	0.01	0.00	0.00			Clear.	"	"	Clear.	Cum. 6. Lunar Halo.	
26	29.826	29.914	29.826	3.7	3.0	1.4	.051	.038	.030	.83	.73	.86	N. E. by E.	N. E. by E.	N. E. by E.	0.23	2.32	0.00			C. Str.	8.	C. Str.	10.	C. Str.	10.
27	30.083	30.138	30.002	13.0	7.0	2.0	.018	.040	.031	.74	.70	.83	N. E. by E.	S. E.	E. N. E.	0.36	0.63	0.22			Clear.	"	"	Clear.	Cum. 6. Lunar Halo.	
28	29.635	29.685	29.840	0.0	35.7	37.0	.050	.192	.144	.76	.83	.83	N. E. by E.	W. S. W.	W.	1.40	0.37	11.28	0.20		Snow.	"	"	Snow.	"	
29	869	820	460	19.5	28.2	20.5	.107	.185	.183	.78	.80	.80	S. E. by S.	N. E. by E.	N. W. by N.	0.80	1.62	0.75			C. Str.	10.	C. C. Str.	10.	Snow.	"
30	800	680	650	12.5	26.0	28.0	.107	.129	.144	.73	.80	.83	N. E. by E.	N. E. by E.	E. by S.	0.31	2.06	3.16			C. Str.	10.	C. C. Str.	10.	Snow.	"
31	170	98	183	36.4	2.0	30.1	.178	.122	.160	.92	.79	.86	P. by N.	N. E. by E.	W. by S.	12.21	2.30	8.23			Snow.	"	"	Snow.	"	

REPORT FOR THE MONTH OF JANUARY, 1858.

Day of Month.	6 a. m.			2 p. m.			10 p. m.			6 a. m.			2 p. m.			10 p. m.			Amo't of Rain in inches.	Amo't of Snow in inches.	Weather, Clouds, Remarks, &c., &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.	6 a. m.	2 p. m.	10 p. m.			6 a. m.	2 p. m.	10 p. m.			
1	29.316	29.370	29.827	14.4	25.3	21.5	.075	.123	.034	.72	.70	.60	S. S. E.	E. by N.	S. W.	17.83	0.08	3.73	2.90		C. Str.	10.	Snow.	"	Clear.	
2	916	741	709	10.7	21.9	25.5	.082	.134	.146	.88	.74	.80	S. by W.	S. W.	W. by S.	5.37	0.78	14.30			Clear.	"	"	Clear.	"	
3	784	416	438	8.0	16.0	12.0	.056	0.7	.070	.79	.78	.73	S. W. by S.	S. by E.	N. by E.	4.00	0.23	12.53	4.90		C. C. Str.	8.	Snow.	"	C. Str.	10.
4	225	070	211	10.9	42.0	33.0	.082	.225	.217	.88	.79	.86	S. by W.	W. by S.	W. by S.	2.00	12.82	20.62			C. Str.	8.	C. C. Str.	4.	Clear.	"
5	656	714	995	11.2	9.6	5.0	.072	.079	.091	.71	.83	.83	N.	N.	E.	23.11	0.76	7.07			Clear.	"	"	Clear.	Aurora Borealis.	
6	947	862	816	6.0	2.8	2.0	.029	.047	.044	.81	.84	.84	N. E. by E.	N. E. by E.	N. E. by E.	17.85	12.22	17.40			C. C. Str.	6.	C. C. Str.	10.	Snow.	"
7	554	30.037	30.393	3.2	14.6	1.0	.069	.038	.021	.79	.80	.85	W.	W.	N. W. by W.	13.72	4.00	5.70	0.38		C. Str.	10.	Clear.	"	Clear.	"
8	30.587	536	563	10.2	8.9	0.3	.059	.039	.026	.78	.82	.82	W. by N.	W. S. W.	S. S. W.	9.26	3.00	4.73			Clear.	"	"	Clear.	Aurora Borealis.	
9	29.983	29.916	29.803	8.0	2.0	13.0	.051	.093	.050	.70	.75	.92	E. by N.	W. N. W.	W. N. W.	2.73	1.82	1.43			"	"	"	"	"	
10	30.147	30.315	30.286	20.1	0.0	0.0	.094	.050	.042	.85	.92	.84	N. W.	W. S. W.	E.	13.75	0.57	0.76			"	"	"	"	"	
11	29.837	29.337	29.356	23.0	40.3	39.5	.153	.245	.226	.88	.92	.92	S. by E.	S. by E.	S. S. W.	20.66	10.87	10.12	0.381		Rain.	"	"	Rain.	"	
12	30.659	30.062	30.238	27.0	29.0	8.0	.140	.087	.053	.88	.90	.90	S. by E.	S. by E.	S. S. W.	18.03	23.63	7.38			C. C. Str.	8.	C. C. Str.	4.	Clear.	"
13	30.065	29.912	29.948	4.2	21.0	18.0	.031	.100	.037	.79	.74	.84	N. E. by E.	W. by S.	E. by N.	3.60	7.46	3.05	0.90		Clear.	"	"	Clear.	"	
14	146	30.130	30.270	10.4	35.1	14.7	.062	.170	.037	.79	.74	.84	N. E. by E.	W. S. W.	E. by N.	3.00	1.12	0.00			C. C. Str.	8.	C. Str.	10.	Snow.	"
15	292	151	034	4.7	13.9	15.0	.043	.070	.074	.75	.82	.81	N. E. by E.	N. E. by E.	N. W. by E.	5.93	10.66	6.61			C. C. Str.	8.	C. Str.	10.	Snow.	"
16	29.412	29.215	29.480	31.2	31.0	30.1	.162	.162	.143	.89	.89	.82	N. E. by E.	N. E. by E.	N. W. by E.	12.17	6.10	1.10	0.120	1.10	Rain.	"	"	Clear.	Aurora Borealis.	
17	766	720																								