

MONTHLY METEOROLOGICAL REGISTER, ST. MARTINS, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF DECEMBER, 1859.

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.			RAIN.	SNOW.	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.	Amount of, in inches.	Amount of, in inches.	[A cloudy sky is represented by 10, a cloudless one by 0.]							
																					6 a. m.	2 p. m.	10 p. m.					
1	29.681	29.520	29.568	20.2	33.0	42.1	.091	.190	.261	.88	.95	.98	N. E. by E.	W. by N.	S. S. W.	3.00	0.60	14.12	Inapp.		Cu. Str.	10.	Cu. Str.	10.	Rain.			
2	30.111	30.062	30.096	22.3	17.6	9.0	.084	.072	.051	.71	.75	.77	N. N. W.	N. by E.	E. by S.	16.27	4.30	4.46		1.90		10.	10.	10.	C. C. Str.	10.	Lunar Halo.	
3	625	661	724	-12.0	10.0	-3.0	.019	.054	.032	.56	.78	.82	W. by S.	E. by N.	N. E.	16.21	4.01	0.71			Clear.		10.	10.	10.	10.	10.	
4	575	586	361	-3.0	15.4	10.9	.032	.080	.054	.83	.91	.78	N. E. by E.	N. E. by E.	N. E. by E.	15.17	12.43	28.30		3.50	Snow.							
5	323	220	232	11.0	23.7	24.2	.062	.117	.123	.80	.90	.93	N. E. by E.	N. E. by E.	N. E. by E.	11.93	8.12	4.02			Rain.							
6	099	29.934	29.782	26.1	36.4	39.2	.140	.191	.232	.98	.90	.96	N. E. by E.	E. S. E.	S. E. by E.	0.71	3.42	6.94	0.360			Rain.						
7	29.605	616	950	35.0	32.6	27.4	.197	.176	.129	.95	.93	.88	S. S. W.	S. W.	W. by S.	14.42	4.41	14.70	0.946								Cu. Str.	8.
8	30.109	30.201	30.214	-0.9	12.2	3.2	.036	.045	.043	.84	.60	.80	W. by S.	W. by S.	S. E. by E.	18.42	2.65	2.41			Clear.		10.	10.	10.	10.	10.	10.
9	177	29.950	29.823	1.1	19.1	19.0	.040	.077	.081	.85	.76	.78	S. E. by E.	S. E. by E.	S. E. by E.	1.41	4.46	8.22		0.70	Cu. Str.	2.	10.	10.	10.	10.	10.	10.
10	29.937	30.136	30.186	17.1	9.2	1.0	.084	.050	.040	.91	.70	.85	W. by S.	W. by S.	S. S. W.	9.92	1.51	16.75		2.60	Snow.		10.	10.	10.	10.	10.	10.
11	845	29.788	29.466	1.0	9.0	12.2	.010	.051	.066	.95	.77	.91	N. E. by E.	N. E. by E.	N. E. by E.	1.22	2.43	2.65		1.10	Cu. Str.	10.	10.	10.	10.	10.	10.	10.
12	500	663	810	-2.0	-6.6	-10.6	.034	.028	.021	.84	.81	.77	W.	W. by S.	S. S. W.	21.48	15.42	7.82			Clear.		10.	10.	10.	10.	10.	10.
13	30.118	30.228	30.337	-13.9	6.9	-10.0	.120	.046	.032	.76	.76	.79	S.	S. by W.	N. N. W.	8.41	1.48	0.50					10.	10.	10.	10.	10.	10.
14	318	100	201	-2.5	8.5	2.8	.032	.057	.044	.83	.88	.86	N. E. by E.	N. E. by E.	N. E. by E.	10.95	2.92	6.27		0.70	Cu. Str.	10.	10.	10.	10.	10.	10.	10.
15	29.936	29.937	139	11.0	19.7	14.3	.062	.081	.072	.89	.77	.88	S. W.	S. by W.	S. W.	26.96	7.30	4.60			Clear.		10.	10.	10.	10.	10.	10.
16	30.138	30.162	223	18.1	23.8	16.1	.084	.100	.074	.90	.80	.83	S.	N. E.	N. E. by E.	1.00	0.01	0.08					10.	10.	10.	10.	10.	10.
17	235	214	118	13.6	20.2	19.1	.063	.074	.087	.80	.69	.83	N. E. by E.	N. E. by E.	N. E. by E.	0.00	3.50	12.08			Clear.		10.	10.	10.	10.	10.	10.
18	29.923	29.782	29.763	18.9	20.1	20.1	.088	.096	.096	.85	.84	.84	N. E. by E.	N. E. by E.	N. E. by E.	11.41	15.62	15.06		4.40	Cu. Str.	10.	10.	10.	10.	10.	10.	10.
19	712	701	695	21.1	28.4	31.9	.096	.129	.162	.85	.88	.89	N. E. by E.	S. W.	S. by W.	17.20	0.83	1.85		0.20	Snow.		10.	10.	10.	10.	10.	10.
20	740	690	410	30.0	31.1	38.3	.154	.155	.224	.91	.79	.90	S. W. by S.	N. E. by E.	N. E. by E.	7.40	0.21	5.41		0.90	Cu. Str.	10.	10.	10.	10.	10.	10.	10.
21	500	627	796	20.1	21.1	10.9	.097	.100	.058	.92	.85	.80	S. W. W.	W. by S.	N. E. by E.	3.30	11.72	23.07		1.70	Cu. Str.	10.	10.	10.	10.	10.	10.	10.
22	850	800	808	5.0	20.1	-0.2	.041	.085	.040	.74	.83	.80	S. by E.	S. S. E.	S. S. E.	6.99	1.62	1.40					10.	10.	10.	10.	10.	10.
23	682	581	573	5.0	22.8	19.0	.041	.095	.090	.76	.75	.90	N. E.	S. E.	S. by E.	0.33	0.45	7.79		1.40			10.	10.	10.	10.	10.	10.
24	692	893	805	-10.0	-7.8	-16.9	.024	.021	.015	.79	.76	.71	W.	W.	W. S. W.	25.56	0.10	4.50					10.	10.	10.	10.	10.	10.
25	890	816	838	-20.1	-0.5	-4.0	.012	.023	.032	.67	.88	.86	N. by E.	S. E.	N. E. by E.	0.50	0.01	6.17		0.75			10.	10.	10.	10.	10.	10.
26	628	520	700	-6.4	5.6	6.6	.028	.049	.048	.81	.87	.88	N. E.	N. E. by E.	N. E.	21.36	6.70	5.20		1.06	Snow.		10.	10.	10.	10.	10.	10.
27	30.076	30.270	30.397	-9.1	-1.3	-16.5	.019	.034	.015	.60	.86	.71	W.	N. W.	N. W.	19.60	11.05	7.32			Clear.		10.	10.	10.	10.	10.	10.
28	460	440	533	-29.2	-0.5	-23.5	.007	.034	.010	.53	.80	.60	W.	S. W.	N. W. by W.	0.42	0.00	0.00					10.	10.	10.	10.	10.	10.
29	452	269	088	-32.6	-0.9	-14.6	.008	.017	.015	.52	.57	.70	S. S. E.	S. S. E.	E. by S.	0.01	1.00	2.22					10.	10.	10.	10.	10.	10.
30	29.781	29.710	29.709	-1.0	8.0	6.3	.031	.056	.051	.80	.82	.87	N. E. by E.	E. by N.	S. W.	17.37	3.67	1.30		2.96	Snow.		10.	10.	10.	10.	10.	10.
31	907	823	965	3.2	9.0	2.8	.036	.046	.042	.72	.76	.86	W.	W.	W. by S.	15.16	7.01	4.10			Cu. Str.	10.	10.	10.	10.	10.	10.	10.

REPORT FOR THE MONTH OF JANUARY, 1860.

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.			Horizontal Movement in 24 hours. (In Miles.)	OZONE. Mean amount of.	RAIN. Amount of, in inches.	SNOW. Amount of, 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.					[A cloudy sky is represented by 10, a cloudless one by 0.]								
																				6 a. m.	2 p. m.	10 p. m.						
1	29.912	30.001	30.038	-12.0	-2.1	-16.9	.020	.034	.015	.76	.83	.70	W. N. W.	N. W.	W. by S.	5.30	0.6			Clear.		10.	10.	10.	10.	10.	10.	
2	30.240	278	337	-21.9	-1.0	-13.0	.009	.028	.019	.40	.68	.70	W. by S.	N. by S.	W. by S.	172.60	1.0					10.	10.	10.	10.	10.	10.	
3	439	241	105	-25.4	-14.2	-6.8	.008	.013	.026	.58	.51	.80	W. by S.	N. E. by E.	N. E. by E.	19.80	1.0		1.30		Cu. Str.	4.	10.	10.	10.	10.	10.	
4	29.930	29.926	155	-2.0	16.0	-2.0	.036	.067	.025	.84	.68	.68	N. E.	N. E. by E.	W. N. W.	74.10	1.3		1.51		Snow.		10.	10.	10.	10.	10.	10.
5	30.313	30.293	293	-14.6	8.0	0.0	.017	.048	.033	.70	.77	.55	N. E.	W. by S.	S. S. W.	104.70	1.4				Cu. Str.	4.	10.	10.	10.	10.	10.	
6	236	097	29.893	8.4	21.4	21.0	.057	.088	.085	.88	.67	.78	S. W.	S. S. W.	S. S. W.	152.80	2.6					10.	10.	10.	10.	10.	10.	
7	29.874	29.681	353	19.2	33.4	36.9	.087	.162	.199	.83	.84	.90	S. W.	S. by W.	W. S. W.	8.50	3.3	0.110	Inapp.			10.	10.	10.	10.	10.	10.	
8	597	630	723	32.4	38.8	37.0	.168	.201	.178	.92	.85	.91	S. W. by S.	S. W.	W. N. W.	220.00	4.3					10.	10.	10.	10.	10.	10.	
9	30.165	30.049	30.073	21.0	28.9	20.9	.085	.123	.085	.78	.77	.78	W. N. W.	S. W. by S.	N. E. by E.	116.10	0.6				Clear.		10.	10.	10.	10.	10.	10.
10	29.851	29.746	29.750	31.4	36.6	35.0	.068	.200	.197	.95	.93	.94	S. by E.	E. by S.	S. by E.	69.40	3.3	Inapp.	2.11		Cu. Str.	10.	10.	10.	10.	10.	10.	
11	649	754	30.103	33.7	19.8	8.0	.182	.092	.085	.81	.81	.78	W. by S.	N. E. by E.	W. N. W.	55.90	4.3	0.210	0.75		Rain.		10.	10.	10.	10.	10.	
12	30.107	30.158	29.843	-6.8	15.1	21.0	.028	.070	.021	.60	.61	.62	N. N. W.	S. W. by S.	S. W. by W.	152.80	1.0				Clear.		10.	10.	10.	10.	10.	
13	453	406	30.342	-24.6	-3.2	-6.7	.009	.025	.021	.60	.72	.86	N. E. by E.	N. E. by E.	N. E.	1												