

MONTHLY METEOROLOGICAL REGISTER, ST. MARTINS, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF OCTOBER, 1860.

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.			Horizontal Movement in 24 hours. In miles.	OZONE. Mean amount of, in tenths.	RAIN. Amount of, in inches.	SNOW. Amount of, in inches.	WEATHER, CLOUDS, REMARKS, &c. &c.		
	[A cloudy sky is represented by 10, a cloudless one by 0.]																					
	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	30.202	30.161	29.912	27.0	42.8	39.6	.129	.209	.232	.88	.75	.95	E.	S.	S. S. E.	67.70	2.5	1.039	.....	1st frost, clear.	Rain.	Rain.
2	29.973	29.992	30.026	39.0	49.0	43.8	.232	.297	.269	.95	.84	.93	W. S. W.	W. S. W.	W. by N.	14.42	2.5	.....	.....	Cu. Str.	Cu. Str.	Cu. Str.
3	30.119	30.188	140	43.1	53.9	49.0	.261	.288	.315	.95	.70	.80	W. S. W.	W.	W. by W.	8.30	1.0	.....	.....	Cu. Str.	Cu. Str.	Cu. Str.
4	084	29.981	29.955	45.6	46.8	46.0	.293	.305	.286	.95	.96	.92	N. E. by E.	N. E. by E.	N. E. by E.	333.20	1.5	.....	.....	Cu. Str.	Cu. Str.	Cu. Str.
5	29.903	789	868	46.5	53.7	45.0	.305	.341	.275	.96	.83	.92	S. by E.	W. S. W.	W. N. W.	158.70	2.0	0.430	.....	Rain.	Rain.	"
6	980	956	30.105	36.0	48.7	35.6	.170	.253	.156	.80	.74	.75	N. W. by W.	N. W. by W.	W. N. W.	345.20	2.0	0.051	.....	Cu. Str.	Cu. Str.	Cu. Str.
7	923	792	29.564	36.4	50.3	49.0	.184	.254	.315	.85	.65	.89	S. S. W.	S. W.	S. E. by E.	17.90	1.5	.....	.....	Cirr. Str.	C. C. Str.	Cu. Str.
8	220	218	333	41.4	49.3	39.6	.251	.247	.183	.96	.71	.77	N. E.	W.	W.	321.90	3.0	0.010	.....	Clear.	Clear.	Clear.
9	331	441	467	37.9	47.7	40.0	.193	.267	.197	.85	.81	.78	W. by S.	W. by N.	N. by E.	411.90	1.5	.....	.....	Cu. Str.	Cu. Str.	Cu. Str.
10	479	440	431	37.6	53.0	52.4	.193	.251	.294	.86	.63	.79	S. W.	S.	S. by E.	130.60	1.5	.....	.....	C. C. Str.	Cu. Str.	Cu. Str.
11	193	633	765	52.0	51.2	39.0	.321	.252	.195	.86	.68	.82	S. by E.	W.	W. by N.	414.70	1.0	Inapp.	.....	C. C. Str.	Cir. Cum.	Cu. Str.
12	820	785	893	32.4	50.0	41.0	.163	.258	.212	.95	.71	.82	W. S. W.	S. S. W.	S. W.	78.80	1.0	.....	.....	Cu. Str.	Cu. Str.	Cu. Str.
13	950	900	30.100	31.6	51.4	38.1	.149	.296	.186	.84	.79	.81	W. S. W.	S. S. W.	S. W. by W.	76.30	1.0	.....	.....	Clear, white frost.	C. C. Str.	Clear.
14	30.300	30.185	124	30.5	52.0	40.6	.148	.208	.197	.89	.53	.78	W. S. W.	S. W.	S.	105.70	1.0	.....	.....	Clear.	Clear.	Clear.
15	29.985	29.891	29.878	37.0	38.1	36.2	.164	.165	.197	.76	.77	.95	N. E.	N. E.	W. S. W.	105.70	1.0	.....	.....	Cu. Str.	Cu. Str.	Cu. Str.
16	865	750	798	34.1	57.5	51.0	.182	.302	.302	.95	.66	.82	W. S. W.	W. S. W.	W. by S.	164.40	2.5	0.100	1.10	Cu. Str.	Rain.	Cu. Str.
17	964	30.074	30.184	40.3	54.2	41.0	.210	.308	.241	.86	.74	.95	E. N. E.	N. E. by E.	N. E. by E.	156.00	2.0	0.196	.....	Clear, white frost.	Cu. Str.	Rain.
18	30.229	224	216	36.2	58.2	43.0	.191	.394	.254	.90	.82	.92	N. E. by E.	N. E. by E.	N. E. by E.	105.20	1.5	.....	.....	Cu. Str.	Cu. Str.	Cu. Str.
19	095	069	140	36.0	63.7	47.9	.179	.416	.230	.87	.72	.88	S.	S. W. by S.	N. E. by N.	64.50	1.0	.....	.....	C. C. Str.	Clear.	Clear.
20	263	200	274	36.3	49.3	39.2	.170	.175	.180	.80	.50	.77	N. E. by E.	N. E. by E.	N. E. by E.	330.50	1.5	.....	.....	Clear, white frost.	Cu. Str.	Clear.
21	680	29.989	29.930	35.3	54.2	40.6	.160	.308	.241	.78	.74	.95	N. E. by E.	N. E. by E.	N. E. by E.	232.80	2.5	2.522	.....	C. C. Str.	C. C. Str.	Cir. Cum.
22	919	954	978	44.0	47.2	45.6	.289	.225	.299	1.00	.70	.99	N. E. by E.	N. E. by E.	N. E. by E.	254.80	4.0	.....	.....	Clear.	Rain.	Cu. Str.
23	956	811	756	44.4	54.2	48.7	.289	.335	.310	1.00	.80	.92	N. E. by E.	N. E. by E.	N. E. by E.	138.60	4.5	.....	.....	Cu. Str.	Cu. Str.	Clear.
24	660	657	752	43.4	54.6	50.0	.254	.362	.335	.92	.87	.93	S. W.	S. W.	S. W.	110.20	2.5	.....	.....	Clear.	Clear.	Clear.
25	800	811	825	49.7	59.1	51.2	.341	.317	.350	.96	.62	.90	S. S. W.	S. S. W.	S. E. by S.	42.00	1.5	0.17	.....	Cu. Str.	C. C. Str.	C. C. Str.
26	673	756	976	49.3	54.2	40.3	.311	.231	.203	.96	.55	.82	S. E. by S.	W. by N.	N. N. W.	14.50	2.0	.....	.....	00.	Clear.	Clear.
27	30.103	30.156	30.339	32.6	55.0	37.0	.162	.349	.190	.89	.81	.84	W.	S. S. W.	S. E. by E.	69.60	1.0	0.843	.....	Rain.	Cu. Str.	Clear.
28	313	214	168	32.7	51.0	46.8	.162	.283	.256	.89	.78	.81	N. E. by E.	N. E. by E.	S. S. E.	191.50	1.5	.....	.....	Clear, white frost.	Cu. Str.	Clear.
29	031	026	043	45.3	51.6	50.5	.293	.368	.354	.96	.96	.96	S. W.	S. W.	W. by N.	218.40	4.0	0.746	.....	Cu. Str.	Cu. Str.	Cu. Str.
30	168	122	098	46.1	55.0	50.6	.305	.355	.354	.97	.84	.96	E. by S.	N. E. by E.	N. E. by E.	60.70	3.0	.....	.....	Cu. Str.	Cu. Str.	Cu. Str.
31	080	003	068	49.9	70.1	62.0	.335	.469	.519	.93	.67	.97	E. by S.	E. by S.	E. S. E.	144.40	1.5	.....	.....	C. C. Str.	"	Clear.

REPORT FOR THE MONTH OF NOVEMBER, 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, in tenths.	RAIN. Amount of, in inches.	SNOW. Amount of, in inches.	WEATHER, CLOUDS, REMARKS, &c. &c.		
	[A cloudy sky is represented by 10, a cloudless one by 0.]																					
	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	30.097	30.114	30.176	61.3	68.4	62.6	.408	.543	.523	.91	.79	.94	S. E. by E.	E. S. E.	E.	70.80	2.0	Inapp.	.....	Cu. Str.	10.	C. C. Str.
2	121	205	189	54.5	54.3	48.2	.411	.362	.310	.97	.87	.91	N. E. by E.	N. E. by E.	N. E. by E.	268.50	2.5	.....	.....	Cu. Str.	10.	Cu. Str.
3	168	29.901	29.871	46.0	66.1	55.3	.280	.536	.403	.80	.84	.93	N. E. by E.	N. E. by E.	E. N. E.	145.90	1.5	.....	.....	"	10.	"
4	29.442	624	715	50.5	53.3	43.2	.354	.244	.231	.96	.60	.83	S. W. by W.	W.	W. S. W.	317.00	3.0	0.903	.....	"	10.	"
5	599	617	721	39.0	52.7	44.6	.201	.232	.241	.86	.60	.84	W.	W.	E. S. E.	178.50	1.5	.....	.....	Nim.	10.	Clear.
6	691	656	679	41.5	42.3	38.1	.235	.199	.208	.91	.74	.91	S. E.	E. N. E.	W. S. W.	48.70	3.0	0.546	.....	Clear.	C. C. Str.	4.
7	770	796	947	36.0	38.6	33.3	.191	.186	.164	.91	.80	.85	W.	W. N. W.	W. by N.	365.70	3.5	0.211	.....	Cu. Str.	10.	Rain.
8	30.000	979	30.000	31.3	45.6	40.0	.155	.218	.201	.89	.66	.86	W. S. W.	W. S. W.	N. E. by E.	106.70	1.5	.....	.....	Rain.	Cu. Str.	10.
9	29.997	886	29.845	37.1	47.5	33.3	.206	.242	.168	.95	.74	.90	W.	S. W.	S. W.	17.20	2.0	.....	.....	Clear, white frost.	C. C. Str.	8.
10	784	664	500	34.0	44.6	39.1	.183	.189	.216	.90	.64	.91	N. E. by E.	N. E. by E.	N. E. by E.	251.76	3.5	.....	.....	Cu. Str.	6.	Clear.
11	465	456	426	39.1	49.4	40.1	.216	.297	.254	.91	.85	.92	E.	N. N. E.	N.	296.60	2.5	0.336	.....	Cu. Str.	10.	Rain.
12	515	513	614	39.0	47.3	45.3	.208	.267	.269	.90	.82	.88	W. by N.	W.	N. W. by N.	62.50	2.0	.....	.....	C. C. Str.	6.	Cu. Str.
13	795	812	887	42.1	46.2	37.3	.244	.255	.199	.91	.84	.89	W. by N.	W. by N.	N. W.	115.70	1.5	.....	.....	"	4.	"
14	950	950	991	30.1	47.0	34.2	.145	.232	.167	.89	.73	.88	W.	W. by S.	W. N. W.	70.60	2.0	.....	.....	Clear, white frost.	Clear.	Clear.
15	895	917	30.006	33.1	41.2	38.9	.143	.240	.201	.70	.83	.86	N. W. by W.	S. W. by W.	S. S. W.	81.40	2.5	.....	.....	Cu. Str.	4.	C. C. Str.
16	30.045	30.031	055	35.4	41.0	31.8	.169	.154	.155	.84	.61	.89	N. E. by E.	S. S. W.	S.	7.40	2.0	.....	.....	Cu. Str.	6.	Cu. Str.
17	29.900	29.859	29.697	29.2	36.4	32.7	.142	.129	.162	.88	.61	.81	E. N. E.	N. N. W.	S. S. W.	49.80	2.5	.....	.....	C. C. Str.	4.	Cu. Str.
18	250	218	323	31.1	35.9	33.4	.155	.177	.168	.89	.85	.89	N. E. by E.	N. by E.	N. by E.	74.30	3.5	Inapp.	0.15	Snow.	"	10.
19	165	174	230	34.5	38.9	35.2	.190	.201	.199	.95	.86	.96	N. E. by E.	N. E. by E.	S. S. E.	63.60	3.5	0.372	.....	"	10.	"
20	180	320	422	36.0	39.3	33.8	.186	.173	.162	.86	.73	.84	S. S. E.	W. by N.	W. N. W.	238.40	4.0	0.140	.....	Cu. Str.	10.	"
21	690	621	801	27.0	30.9	28.7	.129	.124	.146	.88	.84	.90	W. S. W.	W. S.								