

MONTHLY METEOROLOGICAL REGISTER, ST. MARTINS, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF OCTOBER, 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.			Amo't of Rain in inches.	Amo't of Snow in inches.	Weather, Clouds, Remarks, &c. &c. [A cloudy sky is represented by 10, a cloudless one by 0.]		
	5 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	29.894	29.758	29.786	50.6	60.4	55.7	.323	.457	.405	.89	.94	.94	S.	S. by W.	S. W.	0.46	0.78	2.16	0.187		Rain.		
2	642	625	616	51.1	62.3	47.2	.348	.375	.298	.93	.93	.92	S. S. W.	S. by W.	W. by S.	2.35	10.22	8.11	0.556		Rain.		
3	800	701	620	40.3	52.9	51.6	.208	.354	.321	.82	.90	.86	W. S. W.	S. W.	S. W.	15.81	12.27	6.80			Cu. Str.	8.	4. Aurora Borealis.
4	584	636	807	54.8	71.1	55.8	.362	.544	.335	.87	.73	.80	S. W.	W.	E.	1.53	7.61	1.48			Cu. Str.	2.	
5	748	613	520	45.1	79.2	67.2	.275	.574	.362	.92	.58	.89	N. E.	S. W. by W.	W. S. W.	4.51	1.50	7.53			C. Str.	3.	Distant Lightning.
6	722	633	764	41.9	48.6	40.0	.197	.165	.133	.78	.49	.77	W. by S.	W. by N.	W. S.	10.48	3.45	15.02	Inapp.		Rain.		
7	776	768	846	34.1	50.2	42.0	.175	.309	.184	.89	.85	.70	S. W.	W. by S.	W.	7.51	7.12	0.11			C. C. Str.	6.	
8	900	851	918	30.6	48.7	36.2	.130	.165	.170	.78	.49	.80	N. by W.	E. S. E.	N. E. by E.	0.06	1.43	0.51			C. Str.	4.	
9	30.005	30.006	30.129	34.0	51.0	36.3	.126	.123	.170	.65	.30	.80	N. E.	N. N. W.	S. S. E.	7.43	18.70	1.52			C. C. Str.	0.	Lunar Halo.
10	060	29.942	29.963	28.9	55.1	40.9	.111	.168	.197	.71	.39	.78	N. N. E.	W. by S.	S. by W.	0.06	1.00	1.73			Cu. Str.	3.	
11	29.920	29.997	30.065	39.4	60.1	40.3	.216	.338	.132	.91	.65	.73	S. W. by W.	W. S. W.	W. N. W.	16.01	0.62	0.63			Cu. Str.	2.	
12	30.160	30.082	29.984	31.1	56.1	41.9	.185	.211	.206	.89	.48	.78	N. N. W.	S. W.	S. by E.	0.83	1.17	1.48			Cirri	2.	Lunar Halo.
13	29.789	29.668	622	42.7	68.8	62.9	.237	.443	.392	.69	.68	.69	S. S. E.	S. W.	S. W.	3.03	5.73	4.33			C. C. Str.	8.	
14	514	466	562	51.5	59.7	49.8	.341	.323	.290	.59	.63	.82	S. W.	W. S. W.	W. S. W.	14.00	22.60	2.11	0.406		C. C. Str.	4.	
15	694	799	940	34.2	54.2	32.1	.169	.256	.143	.84	.61	.79	N. N. E.	N. W.	N. W.	0.93	5.57	17.21			Sleet.	10.	
16	30.134	30.148	977	25.7	43.0	37.8	.111	.137	.151	.81	.48	.79	W. by N.	S. W. by W.	S. S. W.	3.35	12.86	0.71			Cu. Str.	8.	
17	29.901	29.806	708	36.2	59.4	52.1	.184	.296	.232	.87	.59	.73	S. E. by E.	S. S. W.	S. S. W.	0.10	0.57	0.01			Str.	2.	
18	405	241	419	50.2	67.0	38.0	.335	.413	.301	.93	.77	.86	S. W.	W. S. W.	N. W.	0.21	1.07	11.45	0.580		Cu. Str.	10.	
19	654	669	700	31.0	44.6	32.2	.139	.189	.107	.74	.64	.56	W. N. W.	W. N. W.	N. W.	11.61	21.23	32.61			Cu. Str.	10.	
20	510	500	601	29.8	35.0	29.0	.126	.162	.123	.83	.80	.77	W. N. W.	W. by N.	W. N. W.	19.00	26.81	14.31	0.50		Snow.	10.	
21	487	484	520	24.2	30.5	23.2	.111	.143	.135	.87	.84	.86	W. N. W.	W. by N.	W. by N.	27.00	17.17	8.00	2.30		Snow.	10.	
22	564	571	701	30.0	42.9	34.1	.153	.209	.175	.83	.78	.89	W. by N.	W. by N.	W. S. W.	5.68	15.26	3.41			Cu. Str.	10.	
23	781	799	870	30.0	45.0	38.2	.142	.101	.186	.84	.34	.81	W. S. W.	W. S. W.	W. by S.	1.35	6.80	9.53			C. C. Str.	6.	
24	774	710	760	39.2	40.2	29.3	.192	.160	.128	.82	.64	.77	S. S. W.	W. N. W.	N. E. by E.	0.00	11.02	8.61	Inapp.		Cirri Str.	4.	
25	764	650	647	24.1	31.8	25.0	.094	.130	.094	.73	.74	.68	S. E.	W.	W. N. W.	3.35	0.70	16.21	Inapp.		Cu. Str.	4.	
26	674	450	480	21.0	32.0	27.2	.099	.119	.111	.63	.64	.78	W. N. W.	W. N. W.	W.	6.90	12.30	8.60			C. C. Str.	4.	
27	254	251	320	23.9	33.2	32.2	.099	.131	.143	.72	.70	.79	W. by N.	W. N. W.	W.	10.16	4.60	14.36			C. C. Str.	4.	
28	351	397	554	34.1	39.1	31.2	.153	.178	.149	.79	.73	.84	W.	W.	W. by N.	19.23	13.50	32.30			Cu. Str.	6.	
29	660	710	860	31.5	41.0	30.1	.138	.147	.177	.78	.57	.85	W. N. W.	W. N. W.	N. W.	7.96	14.41	10.82			"	8.	
30	900	897	926	32.6	41.9	36.2	.156	.190	.170	.85	.74	.80	W. by N.	W. by N.	W. S. W.	8.02	2.32	6.20			"	8.	
31	900	874	960	31.6	33.9	34.1	.149	.180	.158	.84	.77	.79	W. N. W.	W. N. W.	W.	0.56	14.40	2.47			"	10.	

REPORT FOR THE MONTH OF NOVEMBER, 1859.

	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	30.004	29.901	29.924	32.0	41.0	38.1	.142	.190	.186	.84	.74	.81	S. W.	S. S. W.	S. W.	0.36	1.03	4.05		Cu. Str.	9.	Cu. Str.	10.	
2	29.870	884	860	37.0	46.2	33.3	.199	.238	.168	.90	.77	.89	W. S. W.	S. W.	E. by S.	5.95	3.12	0.90	Inapp.	"	10.	"	2.	
3	30.124	30.249	30.304	28.1	33.8	24.2	.117	.126	.094	.76	.75	.73	N. W.	N. W.	N. E. by E.	4.80	37.96	26.42	0.53	"	10.	"	4.	
4	312	29.925	29.930	30.5	32.1	31.6	.142	.162	.168	.84	.89	.94	S. S. E.	E. N. E.	E. N. E.	1.53	6.36	3.11	0.297	Snow.		Rain.	Regular.	
5	29.820	768	961	31.0	34.3	42.0	.155	.190	.177	.89	.97	.66	S. E.	S. E.	W. N. W.	11.05	0.00	5.40	Inapp.	Cu. Str.	10.	Cu. Str.	10.	
6	30.374	30.382	30.434	26.1	37.0	26.2	.099	.157	.094	.69	.70	.68	W. N. W.	W. N. W.	W.	17.93	3.42	1.05		Clear.		Clear.	Distant thunder at noon.	
7	439	324	270	22.0	32.0	28.1	.084	.125	.135	.71	.69	.88	E.	N. E. by E.	N. E. by E.	2.31	4.27	9.46		Cu. Str.	10.	C. C. Str.	10.	
8	183	009	042	30.0	52.5	36.0	.148	.257	.191	.88	.66	.89	E.	S.	S.	6.43	0.20	0.32		"	8.	Hazy.	Lunar Halo at 8 p. m.	
9	29.901	29.804	29.824	33.0	53.2	47.5	.144	.304	.290	.70	.76	.82	S. E. by E.	W.	S. S. W.	0.21	0.57	3.80	0.100	Hazy.	Cu. Str.	10.	Rain.	
10	800	521	499	33.4	33.7	30.2	.182	.182	.154	.95	.94	.94	N. E. by E.	N. E. by E.	N. E. by E.	15.90	8.40	20.91	0.630	Rain.	Regular.	C. Str.	10.	
11	634	934	30.100	24.0	31.9	19.2	.100	.144	.087	.79	.80	.85	N. W.	N. W. by W.	N. E. by E.	14.15	8.02	0.00	0.70	Cu. Str.	10.	Cu. Str.	4.	
12	30.114	701	29.600	20.0	32.1	33.4	.091	.143	.184	.85	.79	.96	N. E. by E.	N. E. by E.	N. E. by E.	0.00	7.06	5.51	3.70	Cu. Str.	10.	Cu. Str.	4.	
13	29.230	180	220	33.0	34.9	31.2	.174	.190	.142	.94	.95	.84	N. E. by E.	S. W.	W. S. W.	4.75	2.77	18.37	2.157	Rain.		Snow.	Rain.	
14	559	520	827	24.0	30.1	22.1	.111	.130	.064	.85	.72	.86	S. S. W.	W. S. W.	W. S. W.	24.70	1.52	23.88		C. Str.	2.	Cu. Str.	2.	
15	30.132	30.229	30.317	17.0	23.0	21.0	.068	.089	.085	.75	.72	.78	N. E. by E.	E. N. E.	S. E.	0.82	1.28	0.00		"	10.	C. C.	9.	
16	341	260	239	16.0	28.2	22.3	.065	.129	.195	.74	.82	.79	N. E. by E.	N. E. by E.	N. E. by E.	6.41	4.92	4.72		C. C.	9.	Cu. Str.	9.	
17	081	043	090	30.1	49.1	12.3	.136	.278	.206	.84	.81	.78	S. E.	S. E.	E. S. E.	0.81	2.90	8.23		Cu. Str.	9.	Cu. Str.	10.	
18	092	29.952	29.989	40.0	54.5	42.5	.210	.328	.244	.86	.77	.91	E. S. E.	S. E. by E.	N. E. by E.	2.87	0.03	0.83	0.262	C. C. Str.	9.	"	10.	
19	29.611	406	219	41.4	48.3	40.6	.251	.261	.241	.96	.98	.96	N. E. by E.	N. E. by E.	N. E. by E.	4.72	15.60	9.81	3.746	Rain.		Rain.	"	
20	700	901	30.232	28.2	27.1	20.1	.241	.093	.075	.98	.68	.72	W.	N. W. by N.	N.	23.56	11.63	14.91	0.630	Inapp.	Cu. Str.	10.	"	10.
21	30.435	30.301	224	16.3	25.0	23.2	.074	.100	.186	.85	.74	.86	N. E. by E.	N. E. by E.	N. E. by E.	7.22	6.35	6.21		"	9.	"	10.	
22	29.904	29.840	29.750	23.1	32.9	31.4	.107	.168	.168	.87	.89	.96	N. E. by E.	N. E. by E.	N. E. by E.	21.68	7.20	6.90	4.10	Cu. Str.	9.	Cu. Str.	8.	
23	842	909	30.054	25.2	31.0	25.2	.113	.161	.129	.84	.85	.93	W.	S. W.	W. S. W.	7.80	2.01	8.93		"	4.	"	10.	
24	30.254	30.270	378	22.2	26.9	17.3	.102	.117	.063	.98	.82	.67	S. W.	W. S. W.	W. S. W.	9.86	6.66	6.00	0.50	Snow.		Snow.	Snow.	
25	345	224	29.910	7.1	22.4	21.5	.042	.079	.196	.66	.68	.88	W. S. W.	E. by N.	N. E. by E.	4.03	0.36	6.63	1.40	Cu. Str.	10.	Cu. Str.	10.	
26	29.214	29.482	464	34.2	42.0	31.8	.190	.199	.162	.95	.74	.89	N. E. by E.	S. W.	S. W.	15.44	10.31	13.00		"	8.	"	10.	
27	661	679	600	30.6	35.6	30.0	.148	.162	.154	.88	.84	.89	S. W.	S. W.	S. S. E.	2.80	0.00	2.23		Cu. Str.	4.	"	10.	
28	678	720	857	21.1	27.4	27.1	.080	.105	.128	.74	.70	.88	S.	S. W.	S. S. W.	11.17	2.28	3.92	Inapp.	"	10.	Snow.	Cu. Str.	
29	30.104	30.019	30.047	8.0	22.0	11.9	.048	.084	.060	.77	.71	.80	N. E. by E.	N. E. by E.	N. E. by E.	8.36	1.90	2.03	0.50	C. Str.	8.	Cu. Str.	6.	
30	29.814	29.800	29.804	12.1	31.1	21.0	.061	.118	.075	.81	.68	.73	N. N. W.	E.	S. S. E.	10.61	0.57	0.00		"	10.	"	8.	