

MONTHLY METEOROLOGICAL REGISTER, ST. MARTINS, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF OCTOBER, 1861.

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	30.315	30.250	30.160	40.0	60.9	50.6	.232	.310	.309	.96	.60	.85	S. W.	S. S. E.	S. by W.	4.80	2.0			Fog.		
2	29.952	29.748	29.474	46.4	74.3	60.4	.286	.460	.456	.92	.57	.88	S. S. E.	S. by E.	S. by E.	41.00	2.0			C. C. Str.	6.	
3	29.678	29.471	29.193	61.0	64.0	50.2	.449	.314	.265	.85	.53	.75	W. by S.	W.	N. N. W.	220.80	2.5			Clear.		
4	29.641	29.434	29.158	43.9	60.0	46.1	.224	.356	.286	.79	.48	.92	S. S. E.	S. S. E.	S. S. E.	22.00	3.5	Inapp.		Cum.	9.	
5	29.706	29.497	29.221	40.0	41.6	33.0	.225	.251	.261	.91	.96	.95	N. E. by E.	N. E. by E.	N. W.	242.00	5.0	0.836		Rain.		
6	29.629	29.421	29.146	51.0	57.9	55.5	.354	.429	.405	.96	.91	.94	S. S. E.	S. S. E.	N. E. by E.	94.30	4.0			Cu. Str.	10.	
7	29.694	29.486	29.211	50.0	53.1	48.2	.297	.295	.310	.85	.73	.91	N. E. by E.	N. E. W. E.	S. S. W.	147.10	4.5	0.523		Cu. Str.	4.	
8	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	S. E.	S. S. W.	12.80	3.5	0.420		Rain.		
9	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	S. E.	S. E.	0.30	3.0			Fog.		
10	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	S. E.	S. S. W.	1.20	3.0			Fog.		
11	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	S. E.	S. E.	0.30	3.0			Fog.		
12	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	S. E.	N. E. by E.	73.49	1.0	1.290		Cu. Str.	8.	
13	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	S. E.	S. S. E.	88.80	5.0	1.694		Rain.		
14	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	W. N. W.	W.	229.80	5.5	0.044		Cu. Str.	8.	
15	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	W. S. W.	S. W.	276.50	4.5			Cu. Str.	8.	
16	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	S. W.	S. W.	155.90	1.0			Clear.		
17	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	S. N. E.	N. E. by E.	54.40	3.5			Cu. Str.	10.	
18	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	S. E.	S. by E.	20.40	2.5			"	10.	
19	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	N. E. by E.	N. E. by E.	159.90	3.5	0.306		"	6.	
20	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	N. E. by E.	N. E. by E.	158.60	5.5	0.014		Rain.		
21	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	W. N. W.	W. by N.	130.98	5.5	Inapp.		Cu. Str.	8.	
22	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	S. S. W.	S. S. E.	32.80	2.5			Clear.	Hard Frost.	
23	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	S. S. E.	S. E.	88.80	2.5	Inapp.		Cu. Str.	8.	
24	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	W. S. W.	S. E. by E.	230.20	5.0	Inapp.		Cu. Str.	10.	
25	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	W. by S.	W. by S.	304.90	5.0	Inapp.		"	4.	
26	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	S. S. E.	S. E.	48.70	3.0			Clear.		
27	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	S. S. E.	S. W.	65.70	3.5	0.166		Cu. Str.	10.	
28	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	S. N. W.	W.	123.10	3.5			"	4.	
29	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	S. W.	S. E.	49.60	3.0			Clear.		
30	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	S. W.	S. E.	75.00	2.5			"		
31	29.687	29.479	29.204	41.0	48.2	48.7	.235	.176	.329	.91	.69	.94	S. S. W.	N. E. by E.	N. E. by E.	11.70	5.5	Inapp.		"		
	29.621	29.413	29.138	46.4	53.0	45.1	.269	.218	.275	.88	.86	.91	W. S. W.	S. W.	W. S. W.	159.90	3.0	0.041		Cu. Str.	10.	

REPORT FOR THE MONTH OF NOVEMBER, 1861.

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.		
																				[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	30.100	30.142	30.167	30.1	47.0	36.6	.148	.208	.149	.89	.68	.71	W. S. W.	S. W. by S.	N. E. by E.	61.50	2.0	.....	.....	Clear.	.....	.....
2	29.901	29.910	29.854	30.1	34.2	36.1	.148	.155	.191	.89	.79	.90	N. E. by E.	N. E. by E.	N. E. by E.	253.70	2.5	.....	Inapp.	Cu. Str.	10.	.....
3	29.497	29.421	29.387	35.1	42.1	41.0	.183	.244	.241	.90	.91	.95	N. E. by E.	N. E. by E.	N. E. by E.	487.00	4.0	0.214	.....	C. C. Str.	10.	.....
4	29.371	29.412	29.358	40.0	48.3	39.0	.248	.242	.216	1.00	.74	.91	S. S. E.	S. by E.	S. S. E.	98.40	4.5	0.112	.....	Light Rain.	.....	.....
5	29.567	29.521	29.567	34.2	47.0	49.0	.155	.258	.281	.79	.81	.88	S. S. E.	S. S. E.	N. E.	46.40	2.0	.....	.....	Cu. Str.	10.	.....
6	29.500	29.465	29.442	37.0	44.0	44.0	.206	.265	.266	.93	.92	.93	N. E. by E.	N. E. by E.	N. W.	87.20	1.5	.....	.....	Fog.	.....	.....
7	29.574	29.567	29.533	39.0	45.7	36.0	.210	.198	.156	.91	.65	.75	W. S. W.	W.	W. S. W.	209.50	1.5	.....	.....	C. C. Str.	8.	.....
8	29.680	29.667	29.655	31.9	41.5	33.2	.144	.126	.156	.80	.49	.84	W. by S.	S. W. by S.	S. E. by E.	217.30	1.0	.....	.....	Clear.	Au. Bo. 3 a.m.	.....
9	29.561	29.612	29.612	32.1	41.4	35.6	.180	.190	.119	.74	.73	.74	S. by S.	S. S. E.	W.	41.50	1.0	.....	Inapp.	.....	.....	.....
10	29.894	29.901	29.881	23.0	43.0	33.0	.106	.127	.151	.86	.47	.86	S. by W.	E.	S. E.	21.70	1.0	.....	.....	Clear.	Au. Bo. 3 a.m.	.....
11	29.477	29.459	29.432	38.9	42.0	40.0	.216	.293	.210	.91	.96	.86	S. S. E.	E. S. E.	W. S. W.	220.30	3.0	0.673	.....	Cu. Str.	10.	.....
12	29.042	29.017	29.020	32.5	57.5	82.0	.162	.110	.119	.89	.49	.89	W. S. W.	W. by N.	N. W.	397.40	2.5	0.014	.....	C. C. Str.	10.	.....
13	29.931	29.930	29.901	27.5	31.2	33.0	.111	.138	.150	.75	.71	.89	E.	E. S. E.	S. by W.	15.80	2.0	.....	.....	C. C. Str.	8.	.....
14	29.754	29.746	29.780	31.0	38.1	30.0	.136	.144	.136	.78	.63	.83	W. S. W.	S. W.	S. W.	333.40	1.5	.....	.....	Str.	4.	.....
15	29.580	29.540	29.540	28.5	33.0	30.0	.111	.131	.148	.71	.70	.89	W. N. W.	W. N. W.	W. by N.	241.90	2.0	.....	.....	Cu. Str.	10.	.....
16	29.557	29.519	29.517	27.3	38.4	37.3	.129	.186	.157	.88	.81	.71	S. S. W.	S. W.	S.	229.20	4.5	.....	.....	Snow.	.....	.....
17	29.650	29.677	29.670	31.1	39.4	30.0	.142	.178	.117	.84	.78	.72	S. by W.	S. by E.	W. by N.	236.60	2.0	.....	.....	Clear.	Solar Halo.	.....
18	29.824	29.797	29.800	25.9	40.1	31.0	.111	.160	.150	.81	.64	.80	W. S. W.	W. S. W.	W. S. W.	48.10	2.0	0.46	.....	C. C. Str.	6.	.....
19	29.026	29.117	29.190	22.3	35.2	26.2	.084	.127	.088	.71	.62	.62	W.	S. S. E.	S. S. E.	37.50	1.5	.....	.....	Clear.	.....	.....
20	29.166	29.069	29.020	22.0	36.6	27.6	.084	.129	.105	.71	.61	.70	N. E. by E.	N. by E.	N. E. by E.	134.50	1.0	.....	.....	Clear.	.....	.....
21	29.987	29.996	29.996	25.0	34.0	27.2	.100	.155	.117	.75	.79	.83	N. E. by E.	N. E. by E.	N. E. by E.	172.50	2.0	.....	.....	Cu. Str.	6.	.....
22	29.097	29.087	29.080	24.3	40.4	27.4	.101	.160	.111	.79	.64	.75	N. E. by E.	N. E. by E.	N. E. by E.	61.60	2.5	.....	.....	Clear.	.....	.....
23	29.650	29.631	29.640	27.6	33.4	32.0	.123	.162	.168	.82	.84	.89	N. E. by E.	N. E. by E.	N. E. by E.	161.10	4.0	.....	.....	C. C. Str.	8.	.....
24	29.601	29.614	29.610	27.6	33.4	32.0	.123	.162	.168	.82	.84	.89	N. E. by E.	N. E. by E.	N. E. by E.	161.10	4.0	.....	.....	Cu. Str.	10.	.....
25	29.504	29.512	29.510	27.6	36.2	26.1	.123	.170	.165	.82	.80	.75	E.	E.	S. W.	18.90	2.5	.....	.....	.....	.....	.....
26	29.700	29.779	29.909	25.1	35.2	24.3	.105	.162	.111	.80	.79	.86	S. E.	S. W.	S. S. W.	48.80	2.0	.....	.....	.....	.....	.....
27	29.918	29.900	29.803	22.4	28.9	27.1	.095	.093	.111	.79	.59	.75	E. by N.	N. E. by E.	N. E. by E.	104.20	3.5	.....	.....	.....	.....	.....
28	29.774	29.834	29.766	30.4	35.0	28.2	.142	.142	.117	.84	.70	.76	S. E. by E.	S. by E.	S. W.	135.80	2.5	.....	.....	Snow.	.....	.....
29	29.594	29.480	29.560	27.0	32.0	31.1	.117	.162	.135	.82	.89	.89	E.	S. S. E.	S. S. W.	129.00	4.8	.....	Inapp.	.....	.....	.....
30	29.290	29.548	29.662	29.0	37.3	29.7	.136	.164	.136	.83	.76	.83	W.	S. W.	S. S. W.	38.40	4.8	.....	.....	Cirr. Str.	10.	.....