

MONTHLY METEOROLOGICAL REGISTER, ST. MARTINS, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF APRIL, 1862.

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.	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	30.149	30.179	30.254	36.2	43.9	34.1	.177	.218	.155	.85	.76	.79	E. S. E.	S. S. E.	S. S. W.	0.30	1.5		Cirr. Str. 4.	Cu. Str. 10.	Cu. Str. 9. Hail & rain 7.10 pm.				
2	29.200	29.114	29.927	32.1	51.4	33.1	.143	.296	.168	.79	.78	.80	S. S. E.	S. S. E.	S. by W.	118.10	3.0	Inapp.	Fog.	" 4.	Clear.				
3	29.779	29.824	30.099	40.1	47.2	35.8	.203	.208	.177	.82	.92	.84	W. S. W.	W. S. W.	W.	409.90	2.5	0.014	Cirr. Str. 10.	Rain.	Rain.				
4	30.210	30.158	30.251	22.0	43.2	27.0	.084	.177	.111	.71	.66	.75	W.	S. by W.	S. W.	233.60	1.0		Clear.	Clear.	Clear. Zodiacal Light Bright.				
5	30.109	29.779	29.770	17.1	29.2	27.4	.063	.142	.129	.67	.88	.88	N. E. by E.	S. S. E.	W. S. W.	255.60	2.5		Clear.	Snow.	Cu. Str. 10.				
6	29.861	29.897	30.104	30.1	34.6	26.2	.130	.126	.111	.72	.65	.81	S. S. W.	W. by N.	W. N. W.	123.70	1.5		C. C. Str. 8.	Clear.	C. Cum. 4.				
7	30.223	30.221	29.235	11.6	36.4	15.4	.051	.149	.055	.78	.71	.04	W. S. W.	W. S. W.	S. S. E.	214.80	0.5		Clear.	Clear.	Clear.				
8	196	144	135	5.1	44.3	16.7	.041	.196	.033	.74	.68	.75	N. E.	E.	S. S. W.	42.20	0.5		Clear.	Cirr. Cum. 4.	"				
9	103	009	101	10.4	41.1	24.3	.054	.190	.094	.78	.74	.73	E.	N. N. E.	N. N. E.	105.90	1.5		Clear.	Clear.	"				
10	145	345	277	14.7	52.4	36.7	.042	.282	.184	.62	.73	.85	N. E. by E.	S. E. by E.	S. E. by E.	172.00	1.5		"	"	C. C. Str. 6.				
11	319	400	407	22.5	54.0	31.0	.095	.308	.126	.78	.74	.76	N. E. by E.	S. E. by E.	S. E. by E.	86.50	0.8		"	Inp. S. H. 9.30.	Clear.				
12	379	367	344	26.2	56.0	35.2	.111	.342	.177	.81	.78	.85	N. E.	S. S. E.	S. by W.	118.40	0.5		"	"	"				
13	250	241	227	30.9	56.3	35.6	.134	.315	.177	.82	.71	.83	N. E. by E.	S. S. E.	S. by W.	0.20	0.5		"	"	"				
14	201	199	241	24.1	57.4	38.9	.100	.331	.188	.79	.81	.87	N. E. by E.	S. S. E.	S. E. by E.	3.00	1.0		"	"	C. C. Str. 8.				
15	393	524	351	37.2	51.7	39.9	.199	.296	.210	.90	.79	.86	S. S. E.	E.	S. E. by E.	1.10	1.0	Inapp.	Slight Rain.	C. C. Str. 4.	Clear. Faint Au. Bor.				
16	279	183	110	36.5	61.2	44.2	.191	.442	.265	.90	.83	.92	E. by S.	S. S. E. by E.	E. S. E.	5.11	1.5		Clear.	Cirr.	Cu. Str. 9.				
17	001	043	29.998	48.6	66.4	48.1	.303	.502	.310	.89	.78	.92	E. S. E.	S. S. W.	S. by W.	56.90	0.5		C. C. Str. 6.	"	Cirr. 2. Zodiacal Light.				
18	29.927	29.833	30.002	40.5	66.1	42.0	.219	.219	.244	.88	.87	.91	W. by N.	W. by N.	S. W. by S.	30.80	1.5	0.161	Fog.	C. C. Str. 4.	Rain.				
19	824	954	30.002	41.1	46.1	39.9	.212	.253	.210	.82	.81	.86	W.	W.	W.	344.50	2.0		C. Cum. 6.	Cu. Str. 8.	Cu. Str. 10.				
20	30.007	30.075	29.924	33.4	50.0	39.7	.186	.290	.195	.81	.82	.82	W. by S.	S. W.	S. by W.	60.30	0.5		Clear.	Clear.	Clear. Zodiacal Light Bright.				
21	097	29.924	29.960	31.1	52.9	41.2	.162	.308	.235	.84	.79	.91	E. S. E.	S. S. E.	S. E.	45.20	0.5		Clear.	Cu. Str. 10.	Rain.				
22	29.693	493	459	33.0	49.9	44.6	.214	.297	.282	.95	.92	.96	N. N. E.	N. E. by E.	E. E.	139.20	2.5	0.220	Clear.	C. C. Str. 10.	Cu. Str. 10.				
23	464	620	820	40.1	43.1	29.0	.210	.222	.129	.86	.83	.84	W. S. W.	W. S. W.	W. by N.	317.00	1.0		Cu. Str. 10.	" 8.	C. C. Str. 8.				
24	861	937	30.042	26.1	32.3	32.0	.111	.143	.149	.81	.79	.84	N. W.	W. S. W.	W. by N.	456.80	0.5		" 4.	Cu. Str. 10.	Clear.				
25	30.130	30.130	186	24.7	50.1	33.6	.105	.290	.149	.81	.80	.84	W. N. W.	S. S. W.	S. W.	123.90	1.0		Clear.	Clear.	"				
26	340	323	364	31.1	57.6	39.9	.158	.372	.195	.89	.78	.82	N. E. by E.	E. S. E.	S. E. by E.	32.90	1.5		C. Cu.	4.	"				
27	391	301	260	32.1	62.7	42.1	.149	.422	.244	.84	.75	.91	N. E. by E.	E. S. E.	N. E. by E.	16.80	1.0		Clear.	C. C. Str. 4.	Cu. Str. 10.				
28	101	050	060	44.6	45.9	43.6	.282	.275	.271	.96	.92	.96	E. S. E.	S. S. E.	E. N. E.	112.90	2.5	Inapp.	Rain.	Cu. Str. 10.	Clear. Faint Aur. Bor.				
29	070	020	021	40.1	59.2	40.1	.225	.380	.210	.91	.76	.86	S. S. E.	S. S. E.	S. W.	53.70	2.0		Cu. Str. 10.	Clear.	"				
30	093	021	1.2	42.1	65.2	47.0	.228	.490	.305	.87	.81	.96	S.	W. by S.	S. E.	75.90	1.0		C. C. Str. 4.	Clear.	"				

REPORT FOR THE MONTH OF MAY, 1862.

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.	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	30.061	30.127	30.091	42.6	50.0	43.7	.237	.302	.248	.87	.82	.88	N. E. by E.	N. E. by E.	N. E. by E.	107.60	2.0	0.133	C. C. Str. 4.	Rain.	Rain.				
2	29.954	29.821	29.818	40.4	49.1	45.3	.225	.322	.300	.90	.92	1.00	N. E. by E.	N. E. by E.	N. E. by E.	185.90	5.0	1.576	Rain.	Clear.	C. C. Str. 4.				
3	819	829	845	44.2	64.2	52.1	.243	.464	.334	.96	.77	.86	S. S. E.	S. W.	S. E.	89.20	3.0	Inapp.	Cu. Str. 10.	C. C. Str. 8.	C. C. Str. 4.				
4	735	733	772	46.2	56.8	46.7	.262	.385	.230	.84	.84	.88	S. W.	S. W.	S. S. W.	147.50	1.0		C. C. Str. 4.	Cu. Str. 8.	Cu. Str. 2.				
5	694	701	783	42.1	58.4	50.2	.244	.246	.309	.91	.91	.85	S. by W.	S. W.	S. W.	125.80	1.0	Inapp.	Rain.	" 4.	C. C. Str. 4.				
6	600	343	451	39.7	61.0	46.5	.210	.436	.262	.86	.80	.84	W.	S. W.	N. by W.	196.00	2.0		Clear.	C. C. Str. 4.	Clear. Faint Aurora Borealis.				
7	437	550	672	31.1	40.0	39.1	.155	.235	.195	.89	.91	.82	N. E. by E.	N. N. E.	N. N. W.	112.30	4.0		Snow.	Thaw.	Cu. Str. 6.				
8	770	774	650	36.1	55.7	51.1	.177	.370	.315	.85	.84	.89	N. N. E.	N. N. E.	S. by E.	102.80	2.0		Cu. Str. 10.	Cirr.	Clear.				
9	601	394	807	46.3	67.1	56.9	.269	.556	.370	.88	.84	.84	W. S. W.	S. W.	W.	241.40	1.5		10. dis.thu.	C. C. Str. 4.	C. C. Str. 4.				
10	434	549	751	49.7	56.2	43.0	.290	.288	.209	.82	.65	.75	N. N. W.	S. by W.	N. W.	347.40	1.5		Clear.	Cu. Str. 8.	Clear.				
11	885	885	972	34.1	66.4	48.2	.156	.438	.242	.80	.68	.74	W. by N.	S. S. W.	S. W.	297.70	1.5		Clear.	Clear.	Cu. Str. 4.				
12	884	710	712	46.4	73.0	59.8	.262	.351	.403	.84	.44	.79	S. S. W.	N. E.	S. W.	165.10	2.0		Cu. Str. 10.	Hazy.	Hazy.				
13	752	744	836	46.4	60.1	47.0	.262	.374	.256	.84	.73	.81	S. W.	S. S. W.	W. by W.	60.50	2.0	Inapp.	Clear.	Clear.	Clear.				
14	834	862	876	47.4	60.1	57.0	.232	.262	.378	.73	.51	.81	N. F.	E. S. E.	S. E.	53.60	1.5		Clear.	"	Cu. Str. 4.				
15	918	850	903	51.1	84.3	61.0	.296	.923	.471	.80	.79	.81	S. S.	S. S.	S. S.	71.60	1.0		"	"	" Meteor S. 8 p. m.				
16	917	892	800	69.1	87.4	64.8	.462	.928	.453	.82	.72	.75	S.	S.	by E.	107.30	1.0		"	"	C. Cum. 4.				
17	892	736	643	53.2	85.1	67.4	.423	.915	.556	.88	.69	.83	S. S.	S. S.	by W.	50.10	1.0		Clear.	"	Clear.				
18	593	572	438	60.4	91.0	69.1	.345	1.039	.599	.78	.75	.85	S. by W.	S. by W.	by W.	181.00	1.5		"	"	Cu. Str. 4.				
19	414	464	602	47.2	58.3	49.0	.280	.416	.253	.88	.85	.74	W. S. W.	W. S. W.	W. S. W.	478.10	2.5	Inapp.	Clear.	Cu. Str. 10. dis.thu.	4.				
20	694	856	906	40.1	63.2	48.2	.160	.446	.260	.74	.77	.78	N. W.	W. by S.	W. S. W.	80.72	1.0		Clear.	Clear.	Clear.				
21	30.001	30.016	29.924	34.7	60.5	54.2	.202	.338	.362	.71	.65	.87	S. S. E.	S. E.	S. F.	119.90	3.5	0.680	C. C. Str. 6.	Rain.	Ju. Str. 10.				
22	29.628	782	780	41.1	58.4	52.1	.233	.353	.334	.91	.73	.86	S. S. W.	S. S. W.	W. S. W.	376.90	3.0	0.336	C. C. Str. 10.	Cu. Str. 10.	Clear.				
23	601	743	899	56.1	62.9	47.0	.391	.363	.249	.87	.64	.77	W. S. W												