

MONTHLY METEOROLOGICAL REGISTER, ST. MARTINS, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF APRIL, 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	30.508	30.288	30.200	10.4	29.2	26.1	.048	.123	.105	.69	.77	.75	N. E. by E.	N. E. by E.	N. E. by E.	225.40	3.0			Clear.	Cu. Str.	10. Snow.
2	162	159	220	26.2	34.0	26.1	.111	.170	.105	.80	.80	.80	N. E. by E.	N. E. by E.	N. E. by E.	224.70	5.0		7.23	Cu. Str.	10. Clear.	Zod. light, bright.
3	246	319	347	25.1	38.2	27.1	.117	.185	.111	.87	.80	.75	N. E. by E.	N. E. by E.	N. E. by E.	52.80	3.0		1.10	Cu. Str.	10. Clear.	ft. Aurora Borealis.
4	280	108	212	15.4	53.4	31.9	.065	.321	.147	.74	.80	.80	S. W.	W. S. W.	W. S. W.	2.60	2.0			Clear.	Clear.	Aurora Borealis.
5	190	173	317	23.7	57.6	33.4	.100	.236	.162	.79	.53	.84	N. E.	S. S. W.	N. W. by W.	61.00	2.0			"	"	ft. Aurora Borealis.
6	260	347	332	27.1	66.1	33.2	.111	.282	.162	.75	.63	.86	S. E. by E.	S. E. by E.	S. W.	81.40	1.0			"	"	Aurora Borealis.
7	257	202	329	24.1	60.3	31.0	.105	.186	.110	.75	.51	.64	S. by W.	W. S. W.	W. by N.	85.10	2.0			"	"	ft. Aurora Borealis.
8	247	381	300	21.1	42.9	30.0	.080	.092	.136	.71	.34	.83	N. E. by E.	N. E. by E.	N. E. by E.	113.80	1.0			"	"	Aurora Borealis.
9	124	107	039	20.8	47.4	18.5	.069	.225	.180	.53	.70	.77	N. E. by E.	N. E. by E.	N. E. by E.	59.90	1.0			"	"	ft. Aurora Borealis.
10	007	29.945	29.957	20.2	61.0	42.0	.089	.413	.162	.72	.77	.61	N.	N.	S. S. W.	0.10	1.0			"	"	2. Aurora Streamers.
11	008	30.006	30.101	30.0	51.6	36.5	.130	.231	.170	.78	.55	.80	N. E. by E.	E. S. E.	N. E. by E.	85.30	2.0			Clear.	Clear.	ft. Aurora Borealis.
12	020	29.920	29.874	27.2	52.8	45.0	.111	.276	.251	.75	.70	.84	N. E. by E.	S. by E.	S. S. E.	98.90	3.5		Inapp.	Cu. Str.	2. C. C. Str.	10. Clear.
13	29.714	474	511	42.1	52.1	44.6	.244	.361	.265	.91	.93	.91	S. E. by E.	S. E. by E.	S. S. W.	88.50	4.5		0.831	Rain.	Rain.	Fog.
14	397	411	647	40.3	47.6	36.7	.241	.249	.184	.96	.77	.85	S. E. by E.	S. E. by E.	W. S. W.	151.20	3.5			Fog.	Cu. Str.	10. Clear.
15	747	740	914	31.6	40.9	32.4	.149	.145	.143	.84	.60	.79	W. by S.	W. S. W.	W. S. W.	209.80	2.0			C. C. Str.	10. Clear.	Aurora Borealis.
16	934	879	790	26.9	40.3	33.3	.093	.145	.162	.64	.60	.84	N. E. by E.	N. E. by E.	N. E. by E.	134.00	2.5			Clear.	Cu. Str.	10. Clear.
17	245	247	127	30.4	34.2	32.7	.130	.175	.156	.78	.89	.85	N. E. by E.	N. E. by E.	N. W. by N.	540.80	4.0		3.35	Snow.	Snow	C. C. Str.
18	364	531	467	26.4	40.1	35.0	.105	.208	.162	.78	.82	.80	W. S. W.	S. W.	S. W.	174.70	2.0			Clear.	C. C. Str.	4. Clear.
19	550	612	739	33.4	45.8	32.9	.144	.204	.137	.78	.68	.74	N. N. W.	W. S. W.	W. S. W.	28.40	3.0			"	Clear.	Clear.
20	814	900	801	31.7	52.1	39.2	.139	.251	.105	.74	.63	.82	W. by E.	W. S. W.	W. S. W.	29.70	3.0			C. C. Str.	8. Clear.	Cu. Str.
21	779	879	931	35.4	51.7	41.2	.162	.252	.107	.80	.68	.79	W. S. W.	N. N. W.	W. S. W.	132.90	2.0			Clear.	Clear.	Solar Halo.
22	871	771	731	38.2	42.2	43.0	.206	.206	.261	.90	.78	.96	E. by N.	N. E. by E.	N. E. by E.	49.20	3.5	0.120		Cu. Str.	10. Clear.	Rain.
23	741	791	879	41.9	53.0	46.7	.228	.355	.286	.87	.84	.92	S. E.	S. W.	E. N. E.	46.40	4.0	0.014		"	10. Clear.	C. C. Str.
24	687	601	647	40.0	46.6	44.2	.210	.280	.225	.89	.88	.80	N. E. by E.	N. E. by E.	E. N. E.	75.40	3.5	0.160		Rain.	Rain.	Cirr Str.
25	517	674	967	40.1	48.2	41.0	.215	.242	.212	.91	.74	.82	W. S. W.	W.	W. by W.	229.50	2.0			Clear.	Cu Str.	4. Clear.
26	900	924	30.000	40.1	58.2	44.1	.203	.309	.265	.82	.64	.92	W. by N.	W. by N.	S. S. W.	92.20	1.5			C. C. Str.	6. Clear.	Str.
27	900	742	29.667	35.7	58.7	39.2	.138	.372	.195	.76	.78	.82	N. E. by E.	N. E. by E.	N. E. by E.	181.60	3.0			Cu. Str.	9. Clear.	Cu. Str.
28	412	394	514	37.4	85.0	46.3	.165	.355	.305	.72	.84	.96	N. E. by E.	E. S. E.	S. S. E.	227.60	3.5	0.836		"	4. Clear.	Rain.
29	711	700	710	43.0	65.7	52.0	.215	.396	.308	.79	.65	.79	W.	S.	S. S. E.	43.70	3.0	0.250		"	8. Clear.	Comet visible.
30	747	640	639	43.0	49.0	45.4	.254	.303	.269	.92	.89	.88	N. by W.	E. S. E.	W. N. W.	50.60	3.5	0.710		"	10. Rain.	Clear.

REPORT FOR THE MONTH OF MAY, 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.					6 a. m.	2 p. m.	10 p. m.	6 a. m.	2 p. m.	10 p. m.		
1	29.651	29.752	29.950	35.3	46.0	33.0	.149	.192	.131	.74	.62	.70	N. N. W.	N. W.	N. W.	205.40	2.5	Inapp.		Clear.		Clear.		Clear.		Frost.	
2	937	837	923	24.2	42.9	33.0	.096	.171	.156	.73	.62	.85	W. N. W.	W. S. W.	W.	223.60	1.0			"	Frost.	"	"	"	"	"	"
3	979	920	900	29.0	46.7	38.9	.128	.208	.180	.77	.60	.77	N. by W.	S. S. W.	S. S. W.	100.50	2.0			"	"	"	"	"	"	"	"
4	902	907	910	33.1	52.4	44.7	.156	.232	.234	.85	.73	.80	S. by E.	S. S. E.	S. S. E.	60.30	1.5			"	"	"	"			ft. Aurora Borealis.	
5	897	729	914	39.1	67.0	50.8	.180	.470	.233	.77	.73	.71	S. W.	S.	S.	154.00	1.5			"	"	"	"				
6	716	576	482	39.0	60.0	48.1	.180	.433	.291	.77	.85	.80	N. N. E.	E. by S.	E. N. E.	138.90	2.0			Cu. Str.	4.	C. C. Str.	6.	Rain.			
7	23.900	174	160	50.9	55.1	49.1	.233	.375	.322	.78	.63	.92	S. by W.	S. W.	S. W.	437.40	3.5	2.242		"	6.	"	10.	Cir. Str.	10.		
8	29.263	380	480	47.0	57.0	43.3	.230	.208	.200	.88	.69	.78	W. S. W.	S. S. W.	N. W.	284.10	3.5	0.016		C. C. Str.	6.	Cu Str.	6.	"	10.		
9	671	714	766	44.4	60.0	50.0	.218	.261	.265	.76	.51	.75	W. by N.	S. W.	S. W.	105.00	1.0			"	8.	"	2.	"	8.		
10	770	714	591	45.2	65.9	52.1	.234	.265	.264	.80	.42	.69	S. S. W.	S. E.	E. S. E.	114.50	1.0			Clear.		Clear.		Clear.			
11	554	689	689	46.0	65.9	56.0	.221	.359	.336	.72	.58	.75	N. E. by E.	S. S. E.	S. S. W.	53.70	2.5			C. C. Str.	8.	C. C. Str.	10.	C. C. Str.	9.		
12	698	750	839	54.0	63.7	55.0	.277	.392	.349	.75	.69	.81	N. E. by E.	N. E. by E.	S. S. W.	29.70	3.0	0.160		Rain.		Cir. 4. Solar Halo.	Clear.	Clear.			
13	853	708	642	45.1	67.9	54.2	.251	.362	.362	.84	.55	.87	N. E. by E.	S. E.	S. S. E.	178.70	2.5	Inapp.		Clear.		C. C. Str.	8.	Cu. Str.	8.		
14	556	520	503	51.0	58.1	53.7	.348	.469	.269	.95	.94	.90	S. S. E.	S. S. W.	S. W.	230.90	3.0	0.820		Rain.		Clear.		Clear.	10.		
15	643	679	701	47.5	58.0	53.2	.291	.265	.321	.89	.76	.80	W. by S.	S. S. W.	S. S. E.	0.30	2.0			Cu. Str.	10.	Rain.		Clear.		10.	
16	509	478	618	48.8	58.4	48.5	.302	.337	.285	.82	.70	.85	S. W.	W. S. W.	S. S. W.	232.40	2.0	0.262		Rain.		C. C. Str.	4.	Cum. Str.	8.		
17	659	748	929	39.8	51.7	50.0	.201	.302	.272	.86	.32	.78	W. S. W.	W.	W. N. W.	551.00	3.0	0.100		Cu. Str.	10.	C. C. Str.	9.	"	4.		
18	896	946	30.010	44.1	51.3	48.3	.224	.252	.285	.79	.68	.85	W.	W. by N.	N. N. W.	250.70	2.5	Inapp.		Cu. Str.	10.	C. C. Str. 6. Solar Halo	"	"	9.		
19	30.009	930	29.904	43.1	63.7	52.5	.245	.509	.264	.92	.75	.69	S. W.	S. S. W.	S. W.	90.70	2.0			Clear.	"	"	4.	"	8.		
20	29.857	820	862	44.3	64.2	81.8	.248	.235	.296	.88	.48	.79	N. by E.	N. N. E.	N. N. E.	59.40	2.0			"	"	"	8.	"	4.		
21	902	857	892	48.6	58.1	52.2	.285	.385	.334	.85	.76	.86	N. by E.	S. W.	W. S. W.	145.80	2.5	Inapp.		Cir.	8.	Cu Str.	10.	Clear.			
22	950	990	990	45.0	67.0	56.2	.251	.340	.315	.84	.52	.71	N. E. by E.	W. N. W.	W. by S.	67.80	2.5			"	"	Clear.		Clear.			
23	30.102	30.100	30.026	51.0	77.1	61.2	.277	.492	.413	.75	.53	.77	W.	W. S. W.	S. W.	60.70	2.0			Clear.	"	"		C. C. Str.	9.		
24	29.970	29.821	29.757	55.3	72.0	61.0	.349	.489	.433	.81	.62	.85	W. S. W.	S. S. E.	S. S. E.	184.20	2.5	Inapp.		Clear.		Cu Str.	10.	Cu. Str.	4.		
25	505	476	537	54.2	70.2	60.8	.390	.516	.338	.93	.70	.65	S. S. E.	S. W.	S. W.	93.90	3.5	0.360		Cu. Str.	10.	C. C. Str.	4.	"	4.		
26	524	500	405	60.0	74.2	60.3	.396	.442	.403	.76	.55	.79	W. S. W.	W.	S. S. W.	47.40	2.0			Cir Cum. St.	4.	"	"	"	4.		
27	122	23.883	23.938	84.4	56.0	49.5	.383	.427	.315	.90	.97	.89	S. S. E.	N. E. by E.	S. S. W.	152.30	3.5	2.986		Rain.		Rain.		Showers.			
28	256	29.432	29.654	73.0	57.0	44.2	.265	.413	.282	.92	.90	.98	S. W.	N. N. W.	W.	230.30	5.0	1.360		"		"		"			
29	744	739	909	46.7	55.0	49.0	.305	.390	.285	.96	.93	.85	W.	W. N. W.	W.	221.70	4.0	0.436		Cu. Str.	10.	Cir. Str	4.	Clear,			
30	30.006	963	30.155	46.1	71.0	57.2	.269	.378	.302	.88	.51	.66	W.	W. S. W.	W. S. W.	237.60	2.0			Cir.	2.	Clear.		"			
31	232	30.102	027	51.0	68.9	48.2	.253	.536	.242	.71	.77	.74	W. S. W.	W. S. W.	S. W.	242.20	2.0			Clear.				"			