

MONTHLY METEOROLOGICAL REGISTER, ST. MARTINS, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF JUNE, 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.	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.
1	30.042	29.995	29.905	54.6	79.9	65.6	.335	.567	.413	.80	.37	.66	S. W.	S. W.	S. W.	88.44	3.0			Clear.			2. Lunar Halo.
2	032	938	800	55.7	81.2	67.0	.349	.547	.450	.81	.52	.67	N. E. by E.	N. E. by E.	S. E.	139.50	3.0			Cirr. Str.	4.		Cirr. Str.
3	29.474	31.1	564	60.1	77.0	63.7	.449	.685	.510	.85	.75	.88	S. S. E.	W. S. W.	W. N. W.	333.70	3.5	2.333		Rain.			C. C. Str.
4	850	717	921	49.0	65.8	53.8	.278	.436	.367	.81	.80	.88	N. N. W.	W. S. W.	N.	218.70	2.0			Clear.			Light Cirr.
5	30.117	30.063	30.126	43.4	72.3	59.0	.260	.340	.387	.78	.45	.79	S. S. E.	S. E. by E.	S. E. by E.	85.30	2.0			Clear.			Cirr. Str.
6	041	29.993	29.937	52.3	67.7	57.6	.334	.418	.343	.86	.62	.72	S. S. E.	S. E.	S. E.	169.30	2.0			C. C. Str.	10.		C. C. Str.
7	29.904	870	800	59.6	72.8	70.6	.433	.450	.589	.85	.48	.80	S. S. E.	S. by E.	S. S. E.	23.00	2.5	0.100		Cu. Str.	8.		Clear.
8	862	772	893	53.7	80.4	63.0	.452	.567	.435	.94	.57	.86	S. E.	S. by E.	S. by W.	5.70	2.0			Clear.			Cu. Str.
9	768	785	892	67.0	89.8	74.9	.556	.990	.673	.84	.71	.79	S. S. E.	S. W.	S. W.	54.90	2.0			Clear.			4.
10	843	770	630	70.9	95.8	76.7	.621	.949	.614	.85	.78	.68	S. by W.	S. by W.	S. S. W.	35.70	2.0			Clear.			Clear.
11	825	472	462	70.1	94.9	75.5	.516	.814	.597	.70	.54	.71	S. W.	S. S. W.	S. W. by W.	10.20	1.5			Clear.			Cirr.
12	435	472	632	69.5	79.2	60.8	.628	.581	.333	.88	.60	.63	W. S. W.	W. S. W.	N. by W.	211.10	2.5			Cu. Str.	10.		Cu. Str.
13	788	755	790	56.2	63.0	51.0	.342	.229	.270	.78	.41	.72	W.	W.	W.	253.50	3.0	Inapp.		Nim.	10.		Clear.
14	822	755	750	58.0	68.6	54.0	.337	.343	.341	.70	.49	.83	W. S. W.	W. S. W.	S. W. by S.	306.80	2.5			Clear.			C. C. Str.
15	500	363	434	56.1	64.2	58.1	.420	.464	.452	.94	.77	.94	S. S. E.	N. E. by E.	S. W.	72.40	4.0	0.989		Rain.			Nim.
16	477	567	790	56.6	73.0	52.0	.391	.383	.264	.87	.48	.69	N. N. E.	N. N. E.	N. by E.	264.90	2.5	0.700		Nim.	10.		Cu. Str.
17	833	866	842	58.1	69.5	56.5	.255	.437	.357	.53	.63	.78	S. E. by E.	S. E.	S. S. W.	118.00	1.5			Clear.			Clear.
18	791	814	869	50.2	64.7	57.6	.328	.427	.372	.89	.71	.78	S. W.	S. W.	S. W.	132.00	1.0			Clear.			Clear.
19	689	576	697	60.4	80.9	63.2	.433	.599	.510	.85	.50	.88	S. by W.	S. S. W.	W. S. W.	157.80	2.5	0.238		C. C. Str.	10.		C. C. Str.
20	662	747	811	58.4	64.1	58.3	.372	.433	.394	.78	.73	.82	W. by N.	W. S. W.	W. S. W.	230.39	2.5			Nim.	10.		Clear.
21	675	546	562	60.9	61.2	59.1	.419	.442	.439	.80	.8	.88	S. S. W.	S. S. E.	S. E. by E.	26.20	2.5	Inapp.		Heavy dew.			Cu. Str.
22	574	504	555	59.3	62.4	69.0	.463	.399	.564	.91	.72	.79	W. by S.	W. by S.	S. S. W.	222.50	2.0			C. C. Str.	9.		Cu. Str.
23	420	423	640	67.6	67.3	51.0	.591	.556	.302	.89	.84	.82	W. S. W.	W. by S.	W. by S.	393.70	3.0	0.010			4.		4.
24	616	735	850	43.2	69.6	57.0	.209	.336	.302	.75	.47	.66	W. by N.	S. S. W.	W. N. W.	200.60	2.5			Clear.			Clear.
25	842	772	700	53.0	87.9	68.7	.328	.921	.571	.77	.71	.82	S. W. by W.	S. W.	S. S. W.	66.30	2.0			Cu. Str.	8.		Clear.
26	533	534	614	63.4	77.0	65.9	.612	.635	.444	.90	.75	.71	S. S. W.	W.	W.	275.10	3.5	0.200			8.		Cu. Str.
27	720	715	751	64.2	73.6	64.3	.471	.504	.464	.81	.61	.77	W. by N.	W. by N.	W. by N.	156.70	3.0			Clear.			Clear.
28	669	565	732	61.2	69.7	66.0	.383	.490	.509	.71	.68	.81	W. S. W.	S.	W. S. W.	213.70	2.0	0.300					Nim.
29	733	704	708	60.1	78.2	62.4	.376	.450	.422	.73	.67	.75	S. W. by S.	W. S. W.	W. S. W.	177.80	2.0			Clear.			Clear.
30	568	634	661	64.6	78.7	61.0	.444	.583	.419	.75	.62	.80	W. by S.	W. S. W.	S. E.	177.10	1.0			C. C. Str.	8.		Cu. Str.
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REPORT FOR THE MONTH OF JULY, 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.
1	29.701	29.742	29.763	56.6	71.4	59.4	.335	.509	.353	.84	.63	.73	S. S. E.	S. S. E.	N. E. by E.	439.20	2.0	0.170		Cu. Str.	10.	C. C. Str.	4	Cirr. Str.	8
2	701	670	675	54.5	53.3	56.9	.333	.394	.429	.90	.82	.91	N. N. E. by E.	N. N. E.	N. E. by E.	495.00	3.0	3.210		Rain.		Rain.		Rain.	
3	729	845	831	61.0	76.0	65.0	.449	.652	.616	.85	.73	.84	N. N. E.	S. S. W.	S. S. E.	218.22	2.0	0.300		Cu. Str.	10.	Cu. Str.	10.	Clear.	Comet visible.
4	862	874	895	61.0	85.1	68.3	.433	.577	.470	.85	.49	.73	S. W.	S. S. W.	S. S. W.	211.60	1.0			Clear.		"		"	"
5	840	770	794	71.8	91.0	72.0	.566	.894	.601	.74	.64	.78	S. S. W.	S. S. W.	S.	92.60	1.0			"		"		"	"
6	781	713	800	70.0	93.5	75.0	.557	.793	.507	.77	.60	.71	S.	S. S. E.	S. by W.	77.80	1.0			"		"		"	"
7	833	775	722	73.4	89.6	77.0	.681	.793	.765	.81	.63	.84	S. by W.	S. S. W.	S. W.	121.10	1.5			Cirr. Cum.	6.	C. C. Str.	4	Rain.	
8	683	783	550	74.0	89.7	66.5	.686	.714	.529	.83	.52	.82	S. S. W.	S. S. W.	S. E.	177.00	2.0			C. C. Str.	6.	Cirr.	4	Nim.	10.
9	475	511	400	70.2	81.0	67.7	.557	.717	.584	.77	.70	.87	S. S. W.	S. S. W.	W. N. W.	70.84	2.0	1.310		Cu. Str.	8.	C. C. Str.	4	Cu. Str.	4
10	470	574	702	67.0	76.0	65.1	.529	.632	.549	.82	.73	.80	E. S. E.	N. E.	N. N. E.	84.00	1.0			C. C. Str.	4	Clear.		Clear.	
11	590	523	577	51.3	57.4	57.0	.341	.400	.385	.89	.84	.94	N. E. by E.	N. E. by E.	E. by S.	427.50	2.5	0.863		Rain.		Cu. Str.	4	"	Aurora Borealis.
12	633	599	781	54.1	62.1	55.2	.362	.376	.376	.87	.69	.87	S. S. W.	S. W.	W. by S.	203.60	2.5			C. Cum.	4	"	8.	Str.	2
13	882	976	857	58.5	77.6	53.0	.429	.457	.423	.91	.49	.88	S. W.	S. W.	N. E. by E.	55.40	3.0	0.074		"	4	"	8.	Clear.	"
14	30.037	869	902	58.4	72.4	60.1	.335	.483	.456	.64	.61	.83	N. E. by E.	S. S. E.	E. S. E.	58.30	2.0			C. C. Str.	6.	C. C. Str.	4	C. C. Str.	4
15	776	709	714	58.1	63.3	60.0	.420	.523	.469	.94	.94	.94	N. E. by E.	S. W. by S.	S. W. by S.	94.20	2.5	0.696		Rain.		Rain.		Rain.	
16	656	603	626	63.2	69.9	60.3	.510	.577	.456	.88	.85	.83	S.	S. S. W.	S. by W.	166.10	2.5	0.603		C. C. Str.	10.	C. C. Str.	4	Cu. Str.	4
17	683	705	854	63.2	73.2	59.0	.321	.416	.416	.80	.52	.85	W. S. W.	S. W.	S. S. W.	150.60	1.0			Clear.		C. C. Str.	4	Clear.	
18	752	713	688	61.1	83.3	70.4	.390	.505	.516	.74	.51	.90	S. S. W.	S. S. W.	E. S. E.	99.90	1.0			Cirr. Str.	2.	"	4	Cu. Str.	10.
19	396	582	563	64.0	70.4	65.2	.497	.530	.542	.63	.69	.87	W. S. W.	W. S. W.	N. E. by E.	79.30	1.5	1.126		Cu. Str.	10.	"	4	Cu. Str.	10.
20	423	405	470	63.0	74.1	60.0	.503	.442	.456	.86	.55	.83	E.	N. W.	W. by S.	67.10	2.0	0.576		Rain.		"	9	"	4
21	575	538	522	60.1	72.6	53.5	.426	.483	.357	.82	.61	.79	W. by N.	W. by N.	W. by N.	384.00	2.0	0.131		"		Cu. Str.	4	Clear.	
22	600	612	760	60.0	66.0	57.0	.345	.353	.335	.68	.56	.84	S. W.	W.	W.	230.40	1.0			Clear.		C. C. Str.	4	Cu. Str.	4
23	762	782	853	60.0	73.1	61.5	.433	.455	.466	.85	.66	.85	E. by N.	N. N. E.	W. S. W.	75.00	1.0			Cu. Str.	4	Cu. Str.	10.	C. C. Str.	10.
24	921	869	976	58.7	77.2	61.7	.335	.534	.436	.84	.59	.80	W. S. W.	S. W. by W.	S. S. E.	6.20	1.0			C. C. Str.	10.	C. C. Str.	4	"	
25	930	942	990	57.6	74.2	65.8	.349	.436	.509	.74	.53	.81	S. S. E.	S. S. E.	S. S. E.	0.70	1.5			Clear.		Cu. Str.	4	"	Aurora Borealis.
26	904	904	875	66.1	84.1	69.0	.442	.590	.390	.87	.61	.77	S. by E.	S. S. E.	E. S. E.	53.60	2.5	0.200		Cu. Str.	10.	C. C. Str.	6	Rain.	2
27	833	833	833	71.9	78.0	71.3	.537	.671	.615	.81	.63	.71	S. S. E.	S. S. E.	S. S. E.	50.80	1.0			Clear.		"	4	C. C. Str.	2
28	891	735	712	69.0	88.0	71.3	.571	.691	.693	.92	.83	.96	S.	S. S. E.	S. S. E.	204.70	2.0	0.163		Rain.		Cu. Str.	4	Cu. Str.	4
29	633	760	633	69.0	79.0	63.4	.643	.907	.330	.92	.93	.56	S. S. W.	S. S. W.	S.	87.20	1.0			C. O. Str.	8.	C. C. Str.	4	Clear.	
30	743	722	755	70.4	88.9	69.0	.621	.903	.574	.85	.63	.77	S.	S. S. W.	S.	76.40	1.5	0.766		Rain.		"	8.	Str.	4
31	844	800	738	67.6	79.7	68.2	.584	.724	.534	.87	.72	.87	S. by E.	S. by W.	S. S. E.										