

MONTHLY METEOROLOGICAL REGISTER, ST. MARTINS, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL,) FOR THE MONTH OF JUNE, 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.
1	29.682	29.539	29.583	50.1	83.2	60.5	.277	.846	.367	.75	.75	.71	S.	S. S. W.	S. S. E.	17.80	1.5			Clear.	C. C. Str.	4.	Clear.		
2	608	516	608	44.0	83.6	65.0	.218	.884	.438	.70	.77	.75	S. S. E.	S. S. W.	S. S. E.	0.00	1.5			Cu. Str.	10.	Hazy.	Hazy.		
3	664	810	930	58.4	76.0	62.1	.372	.551	.406	.78	.75	.74	N. N. E.	N. E.	S. by W.	3.00	1.5			Clear.	C. C. Str.	8.	C. Cum.		
4	974	30.085	900	60.0	72.2	55.7	.285	.273	.293	.75	.35	.63	N. E. by E.	S. S. E.	S.	10.11	1.0			Cirr. Str.	4.	C. C. Str.	4. Im.S.H.		
5	982	20.855	855	68.0	85.8	66.0	.365	.450	.383	.70	.37	.61	S. S. W.	S. W.	S. W. by S.	15.00	2.0			Clear.	Clear.	2.	Hazy.		
6	777	723	746	62.2	84.2	56.2	.283	.584	.363	.73	.50	.81	N. E. by E.	S. E. by E.	N. E. by E.	24.10	1.5			Hazy.	Cu. Str.	10.	Cirr.		
7	693	714	796	44.6	62.4	53.4	.189	.310	.269	.64	.58	.67	N. E. by E.	N. E. by E.	N. E. by E.	125.20	1.8	Inapp.		Clear.	Slight Shower.	2.	C. C. Str.		
8	862	898	934	62.5	72.1	55.0	.232	.303	.269	.60	.39	.62	N. E. by E.	N. E. by E.	N. E. by E.	153.60	1.5			Cirr.	2.	Clear.	Clear.		
9	891	864	861	56.1	77.8	63.0	.269	.285	.400	.62	.30	.70	S. S. W.	W.	W. S. W.	212.46	2.0			Clear.	Light frost.	2.	Hazy.		
10	872	796	705	58.4	83.5	67.8	.353	.562	.400	.73	.48	.61	S. W.	S. W.	S. W.	79.00	2.6			Hazy.	Clear.	2.	Clear.		
11	574	497	403	56.1	83.1	70.1	.262	.800	.557	.69	.52	.77	S. W.	S. W.	S. W.	14.00	2.0			Clear.	Clear.	2.	Clear.		
12	347	307	445	57.4	82.5	65.0	.295	.578	.549	.63	.54	.89	N. W.	S. by W.	N. E.	226.80	2.5	0.553		Clear.	Clear.	2.	Clear. Eclipse of the Moon.		
13	593	516	585	62.7	82.1	65.0	.482	.578	.549	.86	.54	.89	N. E. by E.	S. by W.	N. W. by W.	70.00	1.5			C. C. Str.	4. So. Ha.	4.	Clear.		
14	673	714	727	50.0	64.7	55.8	.309	.396	.355	.85	.65	.84	N. N. W.	N. E. by E.	N. W. by W.	183.40	1.5			Clear.	Cu. Str.	4.	O. C. Str.		
15	733	872	933	42.2	53.2	40.1	.232	.219	.203	.73	.54	.82	N. N. W.	N.	W. S. W.	96.80	1.5			Clear.	Cirr. Cum.	4.	2.		
16	30.144	30.070	30.036	44.6	71.1	40.1	.211	.316	.238	.62	.42	.77	S. S. W.	W. S. W.	S. S. W.	157.74	1.5			Cu. C. Str.	4.	4.	Cu. Str.		
17	29.935	29.714	29.520	53.1	84.0	71.0	.302	.539	.470	.82	.61	.64	S. S. W.	S. S. W.	S. S. W.	225.80	3.0	0.104		C. C. Str.	4.	4.	Cu. Str.		
18	341	324	344	61.5	77.0	60.1	.321	.439	.393	.86	.67	.90	N. N. E.	N. N. E.	S. by E.	152.90	3.0	0.104		Cu. Str.	8.	8.	C. C. Str.		
19	482	483	587	51.1	64.4	50.0	.324	.478	.410	.86	.73	.83	S. S. W.	S. W.	S. by W.	58.70	2.5	0.042		C. C. Str.	4.	4.	C. C. Str.		
20	637	554	762	62.0	77.2	57.3	.384	.678	.408	.88	.71	.90	S. E.	W.	W.	115.60	3.0	Inapp.		Rain.	Cu. Str.	4.	Dist. Thunder.		
21	730	700	792	47.2	76.7	56.2	.280	.648	.398	.88	.54	.78	W. S. W.	W. S. W.	W. S. W.	230.70	2.5			Clear.	C. C.	4.	2.		
22	891	893	876	52.2	71.9	56.7	.334	.763	.357	.77	.75	.78	N. E. by E.	S. S. W.	S. S. W.	88.30	2.0			Clear.	Clear.	4.	Clear.		
23	923	849	879	61.1	86.2	60.3	.288	.763	.357	.77	.75	.78	N. E. by E.	W. S. W.	N. E. by E.	30.50	2.0	Inapp.		Slight Shower.	Cu. Str.	2.	Clear.		
24	812	854	806	47.2	69.2	60.3	.249	.629	.456	.87	.67	.83	N. E. by E.	N. E. by E.	S. S. E.	24.80	1.5			Clear.	C. C.	4.	C. C. Str.		
25	773	845	834	56.1	77.5	67.0	.391	.682	.456	.87	.67	.83	N. by E.	S. S. E.	S. E.	42.90	1.5			C. C. Str.	4.	4.	C. C. Str.		
26	730	720	700	60.1	89.8	63.2	.374	.802	.510	.73	.67	.75	S. by W.	S. W.	S. E.	61.10	2.0			Clear.	Cu. Str.	4.	2.		
27	665	572	634	64.6	96.0	76.1	.427	.633	.562	.71	.38	.73	W. S. W.	S. S. E.	S. E. by E.	20.80	1.0			C. C. Str.	6.	6.	Dist. Light. & Th.		
28	667	654	667	66.0	96.1	77.6	.476	.636	.564	.75	.37	.61	W. S. W.	S. S. E.	S. E.	56.80	2.0			Clear.	Cu. Str.	4.	4.		
29	666	598	572	62.4	89.9	70.7	.370	.630	.482	.66	.45	.63	S. S. E.	S. E.	W.	191.70	2.5	0.329		Cu. Str.	10.	10.	4.		
30	416	322	450	60.5	76.2	53.0	.436	.652	.348	.88	.73	.96	S. E.	S. E. by E.	W. S. W.										

REPORT FOR THE MONTH OF JULY, 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	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	29.517	29.493	29.599	50.0	67.8	60.0	.309	.418	.365	.85	.62	.76	W. S. W.	W. S. W.	S. W.	193.10	2.0			Cu. Str.	4.	4.			
2	671	743	854	60.1	84.2	62.9	.374	.584	.429	.73	.50	.77	S. S. W.	S. W.	S. by E.	82.80	1.5			C. C. Str.	4.	4.			
3	905	833	30.030	54.7	84.2	63.0	.282	.677	.429	.67	.60	.77	S. E.	S. S. W.	S. E.	25.40	1.0			Clear.	C. C. Str.	4.			
4	30.062	943	29.933	56.4	80.8	73.1	.308	.813	.624	.69	.61	.79	S. by W.	S. W.	S. by W.	197.10	1.0			Cu. Str.	4.	4.			
5	29.833	814	762	70.0	93.5	74.2	.592	.887	.641	.83	.50	.77	W. S. W.	S. W.	S. W.	103.20	1.5	0.050		Rain. Dist. Thunder.	C. C. Str.	4.			
6	642	588	623	70.6	94.0	73.0	.592	.810	.552	.83	.55	.70	W. S. W.	W. S. W.	S. W.	285.50	1.0			Hazy.	Hazy.	5.			
7	754	600	463	63.3	84.3	71.0	.416	.704	.476	.72	.60	.64	S. by W.	W. S. W.	S. by W.	55.60	1.0			Clear.	Clear.	4.			
8	451	472	547	65.0	85.4	54.7	.576	.637	.276	.92	.55	.65	S. by W.	S. S. W.	S. W.	88.40	1.0	Inapp.		Slight Rain.	Clear.	8.			
9	414	397	642	47.4	61.4	45.4	.249	.442	.245	.77	.33	.81	W. S. W.	W. by S.	W. by S.	114.40	2.5	0.206		Cu. Str.	10.	4.			
10	702	735	759	49.5	70.6	51.7	.273	.616	.315	.80	.57	.78	W. S. W.	W. S. W.	W. by S.	103.80	1.5			Clear.	Clear.	4.			
11	800	705	801	52.1	79.8	66.2	.257	.608	.433	.66	.60	.63	W. S. W.	S. W.	W. by S.	182.60	1.0			Hazy.	Hazy.	4.			
12	738	555	530	53.9	72.6	65.4	.353	.489	.451	.73	.62	.71	S. W.	S. W.	S. W.	211.20	1.0			Clear.	Clear.	4.			
13	496	344	479	64.2	82.2	75.2	.464	.372	.897	.77	.52	.71	S. W.	W. S. W.	S. W.	149.50	2.0	0.300		Cu. Str.	10.	4.			
14	605	614	700	50.0	73.6	60.5	.240	.545	.403	.68	.67	.79	N. E. by E.	S. by E.	S. W.	86.10	1.0			Clear.	Clear.	4.			
15	722	701	611	49.4	86.0	62.4	.272	.634	.517	.78	.55	.91	S. by W.	S. W.	N. E. by E.	83.60	2.5	0.533		Clear Heavy dew.	"	8.			
16	666	604	742	60.1	79.2	60.2	.439	.612	.396	.88	.62	.76	S. by W.	S. E.	W.	235.40	2.0			Clear.	Clear.	4.			
17	806	785	929	58.6	69.0	62.8	.363	.501	.413	.76	.72	.77	N. E. by E.	N. E. by E.	S. by W.	123.60	1.0			Cu. Str.	10.	4.			
18	950	950	947	54.1	85.0	64.2	.315	.739	.433	.77	.62	.73	N. E. by E.	N. E. by E.	S. by W.	23.10	1.5			Clear.	Clear.	4.			
19	896	794	781	60.5	80.9	65.6	.367	.592	.444	.71	.57	.71	W.	S. W.	S. E.	35.50	1.0			C. C. Str.	10.	2.			
20	654	593	618	63.2	70.9	61.3	.296	.544	.413	.88	.73	.79	S. E.	S. E.	S. E.	154.40	2.0	0.100		Cu. Str.	10.	4.			
21	717	704	842	51.1	77.9	69.0	.301	.632	.504	.79	.67	.79	N. E. by E.	N. E. by E.	S. W.	60.65	1.0			Clear.	"	2.			
22	810	796	895	54.6	79.1	68.0	.391	.631	.433	.71	.65	.79	S. by W.	S. W.	S. W.	107.80	1.0			Clear.	"	2.			
23	703	563	424	54.1	58.0	59.0	.390	.459	.420	.93	.97	.94	S. W.	S. W.	S. W.	265.50	3.0	0.656		Nimb.	10.	10.			
24	559	560	614	64.1	83.6	63.0	.529	.62	.436	.89	.72	.94	S. W.	S. W.	S. W.	201.50	2.5	0.094		C. C. Str.	2.	10.			
25	638	604	632	30.0	77.9	62.4	.453	.431	.449	.85	.67	.80	S. W.	S. W.	S. W.	120.10	2.0			Rain.	Clear.	4.			
26	694	679	732	68.4	81.7	60.9	.435	.451	.449	.80	.73	.83	S. W.	S. W.	S. W.	106.40	1.5	Inapp.		Clear.	Clear.	4.			
27	734	716	796	68.1	80.9	64.2	.435	.451	.449	.80	.73	.83	W. S. W.	W. S. W.	W. S. W.	199.00	2.0	0.400		Clear Heavy dew.	Cu. Str.	4.			
28	764	735	781	64.1	77.3	62.1	.464	.639	.491	.77	.69	.89	S. by W.	S. W.	S. by E.	34.60	2.0	0.271		Cu. Str.	10.	4.			
29	796	652	743	64.0	78.9	57.2	.569	.563	.436	.97	.89	.88	S. by W.	S. W.	S. W.	25.60	2.0	1.157		Rain.	C. C. Str.	9.			
30	696	741	895	61.4	81.6	69.9	.449	.617	.592	.85	.58	.83	S. W.	S. W.	S. by W.	39.50	2.5			C. C. Str.	10.	9.			
31	885	874	907	64.6	90.1	70.1	.490	.834	.523	.81	.58	.72	N. N. W.	S. E.	S. S. W.	8.90	1.5			Clear.	Cum.	3.			