

MONTHLY METEOROLOGICAL REGISTER AT ST. MARTIN, ISLE JESUS, by C. SMALLWOOD, M.D., AUGUST, 1851.

Latitude 45° 32' N. Longitude 73° 36' W. Nine miles due west of Montreal.—Elevation same as Montreal.—For the Brit. Amer. Jour.

Day	Barom. corrected & reduced to 32°		Temperature of Air.		Force of Aqueous Vapour.		Humidity of Atmosphere.		Direction of Wind.		Average Miles per hour.		Rain in Inch.	Weather.		
	6 a.m.	2 p.m.	6 a.m.	10 p.m.	6 a.m.	10 p.m.	6 a.m.	10 p.m.	6 a.m.	10 p.m.	6 a.m.	10 p.m.		6 a.m.	2 p.m.	10 p.m.
1	29.814	29.744	62.	85.	490	493	876	800	N.E.	W	0.17	1.60	—	Clear	Clear	
2	706	612	62.3	84.6	619	641	862	886	W	S	0.02	3.95	—	Do	Do	
3	679	696	65.	82.1	616	631	854	877	W	S	3.68	1.69	—	Do	Do	
4	885	842	71.	81.6	376	606	856	912	W	N.E.	8.73	13.51	0.160	Cloudy 3	Cloudy 10	
5	596	590	61.3	73.	503	564	813	836	E	N.E.	6.36	3.53	—	Do 9	Do 9	
6	788	756	66.7	80.4	563	623	806	851	W	S	0.21	0.29	—	Cloudy 9	Clear	
7	666	667	65.	69.4	544	650	832	899	S	W	0.03	2.06	0.093	Clear	Clear	
8	630	655	61.	68.	431	633	808	833	W	S	3.07	4.34	—	Clear	Clear	
9	474	351	61.	62.	405	759	593	899	S	W	0.43	4.92	—	Do 3	Do 3	
10	697	638	60.	74.2	430	650	833	897	E	S	0.55	3.25	—	Do 6	Do 6	
11	597	629	65.	81.	489	650	805	933	W	S	Cal.	Cal.	—	Do 6	Do 6	
12	672	665	62.	71.	547	632	837	872	N.W.	S	Cal.	Cal.	—	Do 6	Do 6	
13	659	616	72.	83.5	693	613	893	814	W	S	0.22	0.22	—	Do 10	Do 8	
14	613	436	68.1	70.	439	429	933	966	W	W	3.63	4.45	0.200	Rain	Clear	
15	457	474	60.9	69.	405	404	439	803	667	W	W	1.07	0.52	—	Do 2	Do 2
16	612	627	67.0	82.3	391	463	433	813	683	W	W	Cal.	Cal.	—	Do 6	Do 6
17	632	630	69.4	82.1	369	379	456	937	621	N	W	1.08	3.14	0.130	Do	Do
18	692	642	77.5	82.2	369	454	435	917	651	N	W	0.85	3.64	—	Do	Do
19	754	757	79.4	81.2	332	454	417	931	629	W	W	Cal.	1.10	—	Do	Do
20	823	753	69.2	80.1	332	704	609	939	701	S	E	0.45	0.88	Inapp	Cloudy 3	Cloudy 8
21	714	658	61.7	69.	462	739	619	911	663	S	E	0.91	1.34	0.489	Cloudy 10	Do S th & Pt
22	459	316	38.2	68.	68	68	72.	61.	586	W	W	2.12	5.18	—	Clear	Clear
23	448	462	61.6	73.	433	676	615	839	961	W	W	Cal.	3.03	—	Do 4	Do 4
24	669	672	65.6	73.5	433	604	665	931	619	W	W	2.12	12.76	0.133	Clear	Clear
25	345	469	69.2	66.	637	434	344	857	692	N	W	3.43	10.36	—	Do 2	Do 2
26	632	638	74.6	64.	230	367	322	805	849	N	W	3.83	13.86	—	Do	Do
27	856	794	81.9	49.	332	424	332	824	864	W	W	2.00	3.14	—	Do	Do
28	856	794	80.8	49.	332	424	454	892	799	W	W	4.05	5.07	—	Do	Do
29	850	761	74.9	62.3	623	687	465	925	533	W	W	1.38	6.25	—	Do	Do
30	691	657	69.2	63.	613	635	799	769	845	W	W	1.38	9.83	Inapp	Do	Do
31	739	764	66.	75.	606	617	452	897	777	W	W	2.13	6.25	—	Do	Do

Highest, 1st day : 29.885
 Lowest, 25th day : 29.345
 Therm. Monthly Mean : 65.9
 Monthly Range : 0.540

Highest, 1st day : 93°
 Lowest, 26th day : 46.0
 Therm. Monthly Mean : 65.9
 Monthly Range : 47.0

Mean Temperature of 63° 66
 Evaporation — of Rain 1.205 in
 Dew point Mean Temperature of 57.76
 Rain fell on 8 days, accomp with thunder on 1 day.

Most prevalent Wind, W, S, W
 Least do E
 Most Windy Day, 4th day.
 Least Windy Day, 11th day.

* At 9 p.m. there was visible a zone, or band of a faint pink color, about 3° broad, spanning the Heavens from the Eastern to the Western Horizon, the stars were mostly visible through it, it passed through the constellations Pegasus, Aquila, Cerberus and Ophiucus, the bright star Altair forming its northern boundary. It continued visible for about 20 minutes and gradually vanished.—The Aurora Borealis was not visible at the time.

Errata.—In June and July numbers, last column, weather, read a cloudy sky is represented by 10, a Cloudless Sky, by 0, instead of a Cloudy Day by 10.