

**MONTHLY METEOROLOGICAL REGISTER, AT E. M. MAGNETICAL OBSERVATORY, TORONTO, O. W.—AUGUST, 1880.**  
 Latitude 43° 39'.4" N. Longitude, 79° 21'.6" W. Elevation above Lake Ontario, 108 feet.—(For the British American Medical and Physical Journal.)

Day	Barometer at Temp. of 32°			Temperature of the Air—			Tension of Vapour—			Humidity of the Air—			Wind.			Ins. of Rain.	Weather.					
	7 A.M.	3 P.M.	10 P.M.	7 A.M.	3 P.M.	10 P.M.	7 A.M.	3 P.M.	10 P.M.	7 A.M.	3 P.M.	10 P.M.	7 A.M.	3 P.M.	10 P.M.							
1	29.012	29.680	29.684	67.4	77.0	69.0	70.5	.698	.721	.645	92	79	93	80	89	—	Gen overcast; th 6 pm & aur at 9					
2	29.000	29.520	29.650	68.8	71.8	66.4	70.3	.636	.655	.672	94	86	92	81	89	0.40	Cloud am; clr night; th 8 pm					
3	29.054	29.481	29.456	68.8	75.4	68.6	70.6	.615	.725	.685	97	87	97	91	89	—	Cloud am; foggy day; clr 9 pm					
4	29.046	29.408	29.462	73.7	73.7	68.6	70.3	.705	.535	.654	87	81	82	81	89	1.30	Rain am; very fine day					
5	29.023	29.618	29.671	73.6	81.2	70.0	73.6	.589	.589	.649	87	81	82	81	89	—	Generally clear; very fine day					
6	29.070	29.650	29.650	68.8	79.6	69.8	72.7	.604	.725	.624	86	74	81	82	89	—	Light drizzle; fine clear night					
7	29.071	29.615	29.615	69.2	80.6	68.7	73.8	.686	.714	.626	88	74	82	81	89	—	Dusted day; clr night; m 1 to 8					
8	29.067	29.478	29.555	69.5	72.4	74.4	67.0	.684	.801	.692	88	97	92	82	89	—	Cloudy day; clr night; m 1 to 8					
9	29.517	29.462	29.440	67.0	76.6	68.4	71.4	.635	.743	.697	87	87	90	80	89	—	Detached clds; th 1 to 4; aur					
10	29.576	29.575	29.641	66.3	75.2	61.0	67.4	.530	.400	.433	83	87	82	83	89	—	Detached clds; th 1 to 4; aur					
11	29.726	29.671	29.652	66.6	73.6	62.4	67.4	.435	.512	.433	83	87	82	83	89	—	Few drs clouds; gen clr; aur 9 pm					
12	29.623	29.566	29.625	66.5	82.6	70.4	73.6	.446	.646	.602	83	83	88	88	89	—	Light drs dispersed; mostly clear					
13	29.643	29.526	29.431	69.2	89.6	65.4	67.4	.394	.394	.317	84	98	88	82	89	0.70	Th 8 pm 6 to 8 am; day det clds					
14	29.563	29.609	29.613	69.2	80.7	64.0	64.6	.469	.461	.418	83	98	88	80	89	2.100	Gen clear; rain fr 7 am to 3 pm					
15	29.623	29.629	29.725	68.1	68.1	61.2	61.2	.629	.638	.613	89	80	88	88	89	—	Gen clear; day fine; m 10 to 11 pm					
16	29.726	29.738	29.808	58.0	69.4	65.6	60.8	.897	.449	.372	84	80	88	88	89	0.10	Sr m 10 & 11 am; th det clds gen					
17	29.860	29.845	29.833	58.0	68.8	67.8	62.1	.806	.344	.318	83	56	68	70	—	Gen clr; aur from 11 pm to 5						
18	29.858	29.798	29.779	60.4	66.6	—	—	.884	.489	—	61	63	68	70	—	Almost entirely clr; beautiful at						
19	29.859	29.508	29.500	60.4	66.6	—	—	.884	.489	—	61	63	68	70	—	Unclear; very pleasant						
20	29.606	29.492	29.230	63.4	64.2	63.0	63.0	.527	.648	.615	86	94	98	92	89	0.30	Gen clear; const sit fr noon to 10					
21	29.819	29.750	29.731	63.6	65.0	63.3	63.6	.563	.602	.516	91	91	93	86	89	—	Foggy & damp day; clr fr 10 pm					
22	29.671	29.541	29.608	62.0	70.7	66.8	64.4	.462	.530	.495	90	80	93	83	89	—	Light detached clouds; fine day					
23	29.683	29.513	29.635	62.0	72.4	58.8	63.5	.401	.491	.401	70	70	70	70	89	—	Light passing clouds gen dispersd					
24	29.462	29.413	29.469	61.8	77.3	63.2	67.1	.507	.670	.483	94	84	95	95	88	0.55	Light drs; sheet lightning at night					
25	29.463	29.379	29.324	63.0	72.4	68.2	66.9	.635	.655	.655	95	95	95	88	89	2.60	Rt clds; sheet lightning at night					
26	29.323	29.301	29.367	63.0	72.4	68.2	66.9	.635	.655	.655	95	95	95	88	89	—	Partially obscured; fine					
27	29.313	29.368	29.408	60.7	66.2	50.0	61.3	.526	.618	—	78	80	80	80	89	—	Gen clouded; slr; spitting fr 2 pm					
28	29.670	29.738	29.777	63.2	66.2	63.2	63.2	.443	.425	.403	85	85	80	76	89	—	Unclear; very fine day					
29	29.818	29.813	29.843	62.8	73.9	68.6	62.1	.295	.453	.310	74	74	74	74	89	—	Gen clear; high clds round horizon					
30	29.900	29.837	29.770	62.8	74.8	68.6	62.1	.332	.419	.394	86	86	82	76	89	—	Gen clear; slr m 8 to 10 pm					
31	29.719	29.614	29.634	63.0	74.8	68.6	62.1	.382	.514	.440	84	82	87	81	89	—	Gen clouded; slr m 8 to 10 pm					
32	29.438	29.316	29.467	68.8	77.0	70.4	68.9	.673	.696	.671	84	84	83	83	89	—	Gen number of Wild Pigeons on the morning of the 11th					
No. 29, 617 29.684 29.000 63.9 72.9 63.6 66.55 51.3 .583 .520 .638 87 75 89 84 3.7 miles 5.30 miles 3.00 miles 4.365													Temperature.		Range.		No. of Raes.		Inches.		Snow.	
Highest Barometer,..... 29.907 at 9 a.m., on 29th } Monthly													North		South		East		West		Rain.	
Lowest do,..... 29.228 at 1 p.m., on 13th } Range, 0.669.													1196.6,		974.9		1041.8		941.4.		—	
Highest obs. Temperature,..... 85.0 at 4 p.m., on 5th } Monthly													Mean velocity of the wind, 4.46 miles per hour.		Mean velocity of the wind, 4.46 miles per hour.		Mean velocity of the wind, 4.46 miles per hour.		Mean velocity of the wind, 4.46 miles per hour.		—	
Lowest do,..... 41.0 at 6 a.m., on 5th } Range, 14.0.													Greatest velocity, 17.2 miles from 11 to noon, on the 28th		Greatest velocity, 17.2 miles from 11 to noon, on the 28th		Greatest velocity, 17.2 miles from 11 to noon, on the 28th		Greatest velocity, 17.2 miles from 11 to noon, on the 28th		—	
Mean Max. Therm.,..... 74.81 } Mean Daily range,..... 17.29													Least Windy day, 31st: mean velocity per hour, 7.76 miles		Least Windy day, 31st: mean velocity per hour, 7.76 miles		Least Windy day, 31st: mean velocity per hour, 7.76 miles		Least Windy day, 31st: mean velocity per hour, 7.76 miles		—	
Mean Min. do,..... 67.63 } Mean Daily range,..... 17.29													Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		—	
Greatest Daily range,..... 31.2 from 3 a.m., on 28th to a.m., on 29th.													Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		—	
Warmest Day, 7th—Mean temperature, 73.80 } Difference, 18.74.													Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		—	
Coldest Day, 27th—do,..... 65.06 }													Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		—	
Warmest hour, 3 p.m.—Mean temperature, 75.87 } Mean diurnal va-													Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		—	
Coldest hour, 6 a.m.—do,..... 69.49 }													Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		Least Windy day, 2nd: do, 2.18 miles		—	
													Mean diurnal variation, 4.47 miles per hour.		Mean diurnal variation, 4.47 miles per hour.		Mean diurnal variation, 4.47 miles per hour.		Mean diurnal variation, 4.47 miles per hour.		—	
													Station, 13.38		Station, 13.38		Station, 13.38		Station, 13.38		—	