

MONTHLY METEOROLOGICAL REGISTER, AT E. M. MAGNETICAL OBSERVATORY, TORONTO, C. W. - OCTOBER, 1850.
Latitude 43° 39' 4" N. Longitude 79° 21' 5" W. Elevation above Lake Ontario, 108 feet. - For the British American Almanac 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.	
	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	29.702	29.675	29.655	38.6	63.9	52.2	62.1	29.1	30.3	33.4	85	74	95	87	81	83	1.80	Mostly cloudy; fine. A.aur light
2	29.700	29.645	29.664	39.1	64.6	53.0	63.8	32.0	32.7	32.1	92	78	87	81	81	83	—	Generally cloudy; drops rain
3	29.714	29.685	29.710	33.6	59.8	41.3	60.6	1.62	2.55	1.07	78	50	83	77	77	83	—	Clear; very fine day
4	29.743	29.610	29.652	30.0	51.7	48.3	62.1	1.96	3.31	2.38	94	71	96	85	85	83	—	Densely cld.; raining from am noon
5	29.498	29.497	29.652	59.505	56.4	41.0	47.4	3.84	4.03	3.54	88	81	81	81	84	84	1.60	Partly clear fine day
6	29.870	29.902	29.816	29.868	30.6	44.6	36.3	1.55	1.74	1.73	91	80	81	77	77	81	0.30	Mostly clear fine day
7	29.752	29.642	29.620	30.4	68.6	50.8	65.2	1.09	3.16	2.97	85	66	86	86	86	83	—	Unclear; hazy; fine day
8	29.706	29.645	29.672	48.3	64.7	48.6	61.2	3.14	4.59	3.20	84	77	95	83	83	83	—	Clouded all day, with constant m
9	29.706	29.645	29.672	48.3	64.7	48.6	61.2	3.14	4.59	3.20	84	77	95	83	83	83	—	Density cld.; heavy rain oc
10	29.706	29.645	29.672	48.3	64.7	48.6	61.2	3.14	4.59	3.20	84	77	95	83	83	83	—	Mostly cloudy
11	29.713	29.641	29.533	48.3	67.1	52.2	63.1	4.00	4.44	3.18	91	81	87	87	87	82	—	do
12	29.376	29.384	29.528	29.480	47.8	43.0	43.0	3.07	3.28	2.25	79	72	82	82	82	70	—	do
13	29.563	29.585	29.648	85.0	47.5	36.0	30.2	1.84	2.08	1.96	91	62	87	87	82	82	—	Mostly clear all day
14	29.686	29.659	29.646	31.2	52.8	41.4	43.3	2.93	3.03	2.12	97	67	87	84	84	84	—	Clear and uncloud; fine day
15	29.626	29.477	29.391	41.4	60.0	53.8	63.8	2.48	3.10	2.40	97	68	88	88	88	88	2.70	Mostly cld.; shower of rain
16	29.302	29.442	29.360	48.9	66.7	46.6	65.6	3.01	3.15	3.15	98	47	67	67	73	73	4.00	Generally clear; fine
17	29.405	29.396	29.333	48.9	45.6	38.4	43.2	2.80	2.92	2.29	82	93	96	96	93	93	1.20	Clouded all day; Dense fog
18	29.338	29.358	29.413	39.0	49.0	37.1	41.4	2.94	3.07	1.92	89	89	87	87	90	90	—	Clouded; Foggy
19	29.648	29.560	29.474	36.6	61.4	49.6	43.8	1.60	2.33	2.15	88	63	91	91	83	83	0.95	Mostly cloudy; showery
20	29.401	29.399	29.516	36.5	51.3	40.6	49.0	1.09	2.33	2.45	88	63	91	91	83	83	—	Generally clear
21	29.401	29.399	29.516	36.5	51.3	40.6	49.0	1.09	2.33	2.45	88	63	91	91	83	83	—	Mostly cloudy
22	29.489	29.657	29.689	40.4	49.0	40.0	41.9	2.98	2.95	2.97	85	60	87	87	79	79	—	Generally clear; drops of rain
23	29.489	29.657	29.689	40.4	49.0	40.0	41.9	2.98	2.95	2.97	85	60	87	87	79	79	—	Partly cloudy; oc spitting m
24	29.782	29.775	29.768	30.4	45.4	37.8	38.4	1.38	2.13	2.00	83	83	89	89	86	86	—	Clouded; all day
25	29.671	29.678	29.432	30.2	41.8	40.4	38.0	1.92	1.92	1.79	81	74	49	49	70	70	—	do
26	29.706	29.523	29.503	34.8	58.8	44.8	44.7	4.80	4.80	2.37	90	92	95	95	78	78	—	Partly clear
27	29.686	29.659	29.646	31.2	52.8	41.4	43.3	2.93	3.03	2.12	97	67	87	84	84	84	—	do
28	29.686	29.659	29.646	31.2	52.8	41.4	43.3	2.93	3.03	2.12	97	67	87	84	84	84	—	do
29	29.686	29.659	29.646	31.2	52.8	41.4	43.3	2.93	3.03	2.12	97	67	87	84	84	84	—	do
30	29.875	29.803	29.780	26.8	47.2	34.8	41.4	1.37	1.80	1.61	83	71	71	75	75	93	—	General clear; A.aur light at night
31	29.770	29.720	29.659	32.0	50.38	44.0	41.4	2.31	2.41	2.12	95	75	95	95	87	87	0.30	Clear and uncloud; it and strms
32	29.691	29.673	29.673	39.89	62.46	43.26	45.60	2.92	2.92	2.17	89	73	87	83	83	83	2.085	Generally clear

Highest Barometer	Lowest do.	Greatest obs. Temperature	Lowest do.	Mean Max. Therm.	Mean Min. do.	Greatest Daily range	Warmest Day	Coldest Day	Warmest hour	Coldest hour	Mean diurnal variation	Sum of the Atmospheric Currents in miles resolved into the 10°				Temperature.	Rain.	Snow.			
												North	West	South	East						
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
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29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
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29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
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29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	2.085
29.999	29.699	65.7	29.4	52.63	34.73	27.4	17th	29th	2 p.m.	2 p.m.	39.89	62.46	43.26	45.60	2.92	2.17	89	73	87	83	