

MONTHLY METEOROLOGICAL REGISTER AT H. M. MAGNETICAL OBSERVATORY, TORONTO, C. W. NOVEMBER, 1846.
 Latitude 43°. 39' 4". N. Longitude 79°. 21' 5". W. Elevation above Lake Ontario, 108 Feet.

DAY.	Barometer at Temp. of 32°.			Temperature of the Air.			Tension of Vapour.			Humidity of the Air.			Wind.			Rain inch on surf.	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.	29.964	29.831	—	44.0°	48.6°	—	2.78	2.84	—	96	90	—	N. E.	N. E.	—	1.275	Densely clouded. Raining till 2 pm
2.	29.680	29.646	29.688	48.6	53.1	50.8	3.16	3.82	3.57	95	96	97	N. E.	N. E.	96	0.130	Density c'd. Ring 4 am till 7.30 pm
3.	29.800	29.795	29.830	47.0	52.3	49.4	4.71	3.04	3.12	95	79	90	S.W. by S.	N. E.	89	0.175	Very densely clouded all day
4.	29.950	30.031	30.115	42.1	53.1	40.6	4.47	2.42	2.21	92	56	80	Calm.	N. W.	78	—	Part. c'd. am. Unc'd. & fine pm
5.	30.174	30.047	30.077	37.0	49.4	33.6	3.91	1.97	1.49	90	72	90	Calm.	N. E.	81	—	Clear & uncd. all day. Very fine
6.	30.658	30.142	29.987	31.8	50.0	36.6	4.17	1.62	1.54	92	70	90	Calm.	N. E.	86	—	City, exc. a few clouds & wind hor. Very fine
7.	29.950	29.883	29.815	40.5	50.0	50.3	4.82	2.02	2.78	91	81	60	Calm.	N. E.	78	—	Mostly clear am. Overcast from 2 pm
8.	29.734	29.662	29.750	41.5	47.2	51.5	3.30	2.97	—	92	93	—	N. E.	N. E.	95	—	Den. o'cast. Ring const. fr. 10.30 am
9.	29.657	29.690	29.750	49.9	51.5	52.3	5.21	3.45	3.86	96	96	92	Calm.	N. E.	92	—	Raining till 6 am. Den. o'cast all day
10.	29.754	29.677	29.646	49.9	53.9	53.0	5.21	3.41	3.50	97	86	85	Calm.	N. E.	89	—	Den. o'cast. Sheet'g fr. 6 to 11 pm
11.	29.670	29.735	29.836	51.2	48.2	48.2	5.00	3.49	3.64	94	91	81	Calm.	N. E.	89	—	Ring const. till 7 pm. Dens. overcast
12.	29.902	29.884	29.889	46.2	48.2	46.8	4.68	2.37	2.71	95	87	80	Calm.	N. E.	81	—	Density overcast. Very gloomy day
13.	29.866	29.789	29.768	46.2	47.0	46.2	4.62	2.56	2.71	96	85	86	E. by S.	E. by N.	87	—	Density overcast. Very gloomy day
14.	29.752	29.694	29.677	43.5	45.0	47.2	4.46	2.52	2.15	90	70	78	E. by S.	E. 1.5 lbs.	83	—	Mostly clouded.
15.	29.664	29.661	29.661	45.2	45.6	45.6	—	2.79	2.84	94	93	—	N. E.	N. E.	92	—	Overcast. Raining slightly all forenoon
16.	29.834	29.878	29.832	43.9	46.6	44.8	4.47	2.64	2.81	93	90	90	N. E.	E. by S.	90	—	Density clouded all day
17.	29.817	29.690	29.590	41.1	47.7	48.0	4.63	2.87	2.86	93	89	93	E. by S.	E.	90	—	Mostly clouded. Slight r'n. 4 & 5 pm
18.	29.659	29.580	29.609	42.8	50.2	43.8	4.62	2.61	2.41	96	88	88	Calm.	N. E.	85	—	Generally overcast. Foggy
19.	29.451	29.072	29.041	41.4	41.3	37.9	3.89	2.33	2.34	91	91	86	Calm.	N. by W.	90	—	Moderate or slight rain all day
20.	29.319	29.464	29.506	36.8	42.4	35.2	3.78	1.77	1.99	100	77	74	NW by W*	NW 3.5 lb.	81	—	Consent raining 1 am. Clouded till 9 am.
21.	29.510	23.403	23.271	36.4	43.0	45.5	3.53	1.62	2.20	98	80	79	S. W.	S. W.	78	—	Purly clear pm
22.	29.245	29.176	—	36.8	42.4	—	—	3.03	1.83	94	68	—	S. W.	S. W.	—	—	Gen. c'd. Very s'ly fr. 10 & 11 pm
23.	29.531	29.604	29.514	29.7	36.2	34.1	3.43	1.41	1.40	100	85	80	W. by N.	N. W.	80	—	Lightly overcast.
24.	29.259	29.385	29.346	29.3	31.8	33.5	3.36	1.65	1.80	142	74	82	Calm.	N. N. W.	81	—	Partly clouded till 10 pm. Clouded pm
25.	29.259	29.168	29.195	29.2	21.3	18.8	2.03	1.04	0.92	97	84	78	Calm.	N. N. E.	81	—	Generally c'd. Halo fr. 10 am to 7 pm
26.	29.223	29.213	29.334	19.3	27.5	25.0	2.51	0.82	1.14	108	76	75	N. W.	N. W.	80	—	S'ly snow fr. 2 to 10 am Halo fr. 4 to 6 pm
27.	29.554	29.439	29.356	29.6	32.4	33.4	3.15	1.51	1.81	154	83	81	N. W.	N. W.	85	—	S'ly snow fr. 2 to 10 am Halo fr. 4 to 6 pm
28.	29.366	29.521	29.552	36.4	32.4	34.0	3.15	1.00	1.81	163	94	68	Calm.	S. W.	80	—	Mostly clouded. Halo round noon 6 pm
29.	29.612	29.726	—	35.3	37.0	—	1.92	1.40	—	94	64	—	Calm.	N. W.	84	—	Raining slightly am. Gen. clouded
30.	30.036	30.039	30.102	25.3	28.3	19.8	2.32	1.27	0.93	109	88	81	N. by E.	NW by W	84	—	Gen. clouded. Particles of snow falling
Mean	29.6827	29.6578	29.6550	38.53	44.35	40.24	4.082	2.19	2.39	222	89	79	—	—	85	—	2.5 lbs. 2.0 to 3 lb

Under the head of 'Tension of Vapour,' is given the elastic force of the Aqueous Vapour at each Observation, in decimals of an Inch of Mercury, of the proportion of the Barometrical pressure due to its presence. The Instruments are Standard Instruments. The Rain Gauge is 27 1/2" above the soil. The Means entered are the Means by 24 hourly Observations, from 6 a.m. to 6 a.m. The Observations entered at 7 a.m., on Sundays, are actually taken at 9 a.m. The two Observations taken on Sundays are not included in any of the means.

Proportion of Wind from each Quarter—
 N.W. 137
 N.E. 113
 S.W. 110
 S.E. 69
 N.E. 127
 Other, 600
 Total, 1841

Temperature for October.
 Mean, 50.8
 Max, 55.4
 Min, 45.9

Temperature for October.
 Mean, 50.8
 Max, 55.4
 Min, 45.9

Wind.
 No. Days, 12
 No. Winds, 489
 Mean Force, 1.51