

MONTHLY METEOROLOGICAL REGISTER FOR THE YEAR 1885.
 Latitude 43° 39' 4. N. Longitude 79° 21' 5. W. Elevation above Lake Ontario, 105 Feet.—(For the Brit. Amer. Jour. of Med. and Phys. Science.)

Day.	Barometer at Temp. of 32°.			Temperature of the Air.				Tension of Vapour.				Humidity of the Air.				Wind.		Rain on surface in inches.	WEATHER.		
	7 A.M.	3 P.M.	10 P.M.	Mean of 24 h.	7 A.M.	3 P.M.	10 P.M.	Mean of 24 h.	7 A.M.	3 P.M.	10 P.M.	Mean of 24 h.	7 A.M.	3 P.M.	10 P.M.	Mean of 24 h.	7 A.M.			3 P.M.	10 P.M.
1,	29.997	30.058	30.102	30.057	32.6°	25.0°	24.0°	27.8	1.35	1.25	1.14	1.27	72	9.2	8.6	8.2	N. N. W.	N.	N. by E.	.025	Partially clear, light clouds & haze generally. S. by N. halo round moon. Monthly cleared. Clear spaces from 9 p.m. quite clear all day. Very fine.
2,	30.052	29.963	29.998	30.001	19.6	25.2	24.8	23.2	0.95	1.30	1.31	1.15	86	8.9	9.7	9.0	N. E.	E.	E.		
3,	30.074	30.076	30.069	30.076	15.5	25.9	21.0	20.7	0.67	1.11	0.90	0.91	73	7.5	7.8	7.9	N. by E.	E.	E.		
4,	30.174	30.124	—	—	26.0	27.2	—	—	1.13	1.35	—	—	90	9.0	—	—	N. E.	E.	E.		
5,	30.007	29.895	29.840	29.912	33.4	33.0	33.4	31.5	1.41	1.65	1.69	1.53	89	9.2	8.3	8.7	N. E.	E. by N.	E.	.080	Overcast, light clouds, and haze. Over all day. Sift in fr. 5 a.m. to midn. Partly fill moon, rem of day mpy. Clear. Passing clouds till 2 p.m. Rem of day fine. Very fine night.
6,	29.731	29.617	29.462	29.602	33.0	34.1	36.0	34.5	1.67	1.85	2.02	1.83	89	9.5	9.6	9.2	N. E.	E. by N.	E.		
7,	29.543	29.548	29.699	29.593	35.7	41.4	33.0	36.6	1.94	1.40	1.09	1.48	93	5.5	5.6	6.2	N. E.	E. by S.	E.		
8,	29.782	29.779	29.782	29.782	25.8	36.0	27.4	29.6	1.24	1.31	1.18	1.36	87	6.2	7.8	7.8	N. E.	S. by N.	N.		
9,	29.717	29.587	29.614	29.643	25.4	38.4	30.2	29.7	1.19	1.37	1.38	1.30	85	7.1	8.2	7.6	N. E.	S. S. W.	N. W.		
10,	29.651	29.574	29.559	29.588	24.0	38.4	29.1	29.7	1.03	1.66	1.53	1.34	77	7.9	9.5	7.9	N. E.	N. N. W.	N. W.		
11,	29.518	29.492	—	—	33.6	36.7	—	—	1.61	1.44	—	—	83	6.8	—	—	N. E.	S. by E.	E.		
12,	29.520	29.435	29.518	29.483	38.0	31.4	31.7	30.3	1.34	1.66	1.65	1.46	89	8.9	8.4	8.6	N. E.	S. by E.	N. E.		
13,	29.686	29.663	29.737	29.655	32.2	41.0	34.6	35.5	1.72	2.05	1.65	1.80	95	8.1	8.2	8.8	N. E.	S. by W.	N. E.		
14,	29.715	29.634	29.633	29.659	33.2	38.4	32.4	33.0	1.48	1.67	1.77	1.61	78	8.7	9.6	9.1	N. E.	E. by N.	E.		
15,	29.492	29.468	29.534	29.493	34.6	42.9	34.2	37.1	1.96	2.51	1.77	2.08	98	9.2	9.1	9.4	N. E.	S. S. W.	S. W.		
16,	29.544	29.450	29.415	29.466	30.8	41.4	40.4	37.5	1.56	1.84	1.46	1.53	91	7.1	5.8	6.9	N. E.	E. by S.	E.		
17,	29.567	29.540	29.607	29.566	27.8	34.1	27.0	29.7	1.20	1.68	1.17	1.27	79	7.9	7.7	7.6	N. W.	S. by S.	S.		
18,	29.717	29.661	29.661	29.661	30.7	38.4	—	—	1.39	1.83	—	—	80	7.9	8.1	8.1	N. W.	S.	S.		
19,	29.916	29.754	29.632	29.763	24.6	37.4	33.8	31.8	1.13	1.38	1.59	1.33	83	6.2	9.8	8.7	N. W.	S. S. E.	E.		
20,	29.386	29.105	28.969	29.158	37.4	39.0	42.1	39.4	1.51	2.20	2.60	2.11	68	9.2	9.8	8.7	N. W.	S. S. E.	E.		
21,	29.904	29.177	29.471	29.189	42.0	38.0	38.2	35.8	2.54	1.49	1.36	1.76	57	6.5	8.0	8.1	N. W.	N. W.	N. W.		
22,	29.765	29.683	29.652	29.613	47.8	37.4	34.1	31.7	1.08	1.42	1.60	1.38	78	6.4	8.6	7.6	N. W.	S. S. E.	S. E.		
23,	29.850	29.814	29.871	29.845	36.4	44.6	41.1	41.1	1.79	2.10	2.02	1.96	84	6.4	7.8	7.8	N. W.	S. W.	S. W.		
24,	29.947	29.948	29.760	29.882	32.8	38.2	32.0	34.4	1.73	1.89	1.75	1.79	93	8.2	9.7	9.1	N. W.	E. by S.	E.		
25,	29.322	29.504	—	—	32.6	34.6	—	—	1.56	1.66	—	—	86	7.6	—	—	N. W.	N. W.	N. W.		
26,	29.827	29.886	29.911	29.871	30.0	32.6	24.0	28.6	1.54	1.48	1.08	1.32	92	7.9	8.2	8.2	N. W.	N. W.	N. W.		
27,	29.952	29.898	29.859	29.904	22.6	34.8	30.1	28.9	0.99	1.41	1.24	1.15	80	7.0	7.4	7.3	N. W.	S.	N.		
28,	29.859	29.738	29.795	29.801	28.6	49.0	49.0	39.0	1.10	1.48	1.62	1.45	69	4.2	6.2	6.2	N.	N.	N.		
29,	29.857	29.860	29.872	29.861	37.6	44.1	39.0	40.9	0.97	1.56	1.13	0.91	97	9.1	9.3	9.3	N.	S. W.	E.		
30,	29.874	29.788	29.763	29.810	34.2	50.4	40.4	41.1	1.85	2.85	2.13	2.26	95	7.9	8.6	8.8	N. W.	S. W.	S. W.		
31,	29.727	29.764	29.877	29.791	41.0	43.0	34.0	39.6	1.80	1.71	1.24	1.62	70	6.3	6.6	6.6	N. W.	N. W.	N. W.		
Mean	29.735	29.698	29.711	29.7139	30.32	37.34	32.51	33.24	1.48	1.72	1.55	1.57	85	7.6	8.2	8.1	8.75 miles	8.45 miles	8.82 miles	1.525	W. gales seen 20th. Frogs first heard 21st. Ice clear from Toronto, Bay 20th.

Sum of the atmospheric currents resolved into the four cardinal directions, in miles—
 North 1792.99 West 1292.92 East 1240.52 South 679.86
 Mean velocity of the Wind 5.37 m.p.h. per hour.
 Maximum velocity 20.7 miles per hour, 12.97 miles per hour, 14th. Mean velocity per hour, 0.60
 Most Windy Day 14th. Mean velocity per hour, 0.60
 Diurnal Variation, 0.23 miles.
 Mean Velocity 3 p.m. 6.45 miles, 11 p.m. 3.21 miles, 6.23 miles.

Highest Barometer, 30.174 on 4th, at 9 a.m. Monthly Range 1.272
 Lowest do. 29.902 on 21st, at 6 a.m. Monthly Range 1.272
 Highest Temperature, 63° 0 on 30th, at 5 p.m. Monthly Range 37.9
 Lowest do. 15° 1 on 30th, at 7 a.m. Monthly Range 37.9
 Mean Max. Therm., 38.35—Mean Min. Therm., 27.03.
 Mean Daily Range, 11° 33
 Extreme Daily Range, 31° 6 from 8 a.m. to 6 p.m. on 23rd
 Mean Temperature, 50.66
 Diurnal Variation, 7° 30.
 Mean Temperature, 6 a.m. 29° 65, 9 a.m. 29° 65.

The means are deduced from six observations daily, viz: 6 a.m. and 2 and 10 p.m. and 7 a.m. and 3 and 11 p.m.
 Extraordinary notes will be found at the foot of all the Registers for 1845, 1846, 1847, and 1848.
 Magnetic Disturbances, March 18th, 19th to 29th. Slight 12° 6' declination.
 Snow in inches on surface—not appreciable on the 13th.—24th, 0.3; 25th, 2.0; Total, 2.3.

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