

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 in on surf.		
	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,	29.328	29.466	29.596	46.0°	53.6°	39.8°	2.92	2.42	2.11	2.98	.82	.60	.87	76	W. by N.	NW by W	Calm.	0.105
2,	29.718	29.732	29.805	41.4°	55.9°	46.4°	2.19	3.05	2.65	2.61	.75	.70	.85	.80	N. N. W.	W. N. W.	N.	0.105
3,	29.883	29.850	29.805	53.8	54.4	53.9	3.06	3.00	3.06	3.00	.75	.73	.85	.80	E.	E.	N.	0.105
4,	29.757	29.650	29.506	43.6	57.8	53.6	2.57	3.73	3.83	3.7	.92	.80	.95	.89	Calm.	S. by S.	Calm.	0.025
5,	29.301	29.236	29.309	58.0	64.6	57.2	4.18	3.84	4.53	4.38	.94	.85	.96	.91	Calm.	S. by E.	E. N. E.	0.025
6,	29.428	29.523	29.529	56.4	58.4	56.8	4.46	3.96	4.23	4.11	.92	.82	.93	.91	E. by N.	E. by E.	E.	0.755
7,	29.513	29.452	29.452	54.4	55.4	55.4	3.92	4.06	4.06	3.98	.94	.91	.94	.93	E.	E.	E.	1.180
8,	29.327	29.237	29.239	55.1	56.2	51.1	4.01	4.14	4.64	4.54	.94	.95	.71	.86	E. N. E.	Calm.	N. by W.	0.350
9,	29.382	29.259	29.182	43.8	56.0	53.2	2.43	3.52	3.21	2.84	.86	.80	.81	.81	Calm.	S. W.	NW by W	0.110
10,	29.395	29.347	29.347	50.4	57.2	49.3	2.66	2.03	2.61	2.81	.73	.44	.81	.68	W. by N.	W. by N.	Calm.	0.110
11,	29.657	29.661	29.668	39.0	50.6	42.0	1.71	1.69	2.02	1.81	.72	.46	.83	.68	WNW	W.	Calm.	0.005
12,	29.542	29.163	29.163	42.0	43.8	42.0	2.10	2.36	2.40	2.31	.80	.84	.81	.85	S. E.	S. E. by E.	Calm.	0.005
13,	29.110	29.205	29.325	38.4	45.7	45.7	1.90	1.41	1.63	1.62	.82	.47	.79	.70	W. by S.	W. by S.	Calm.	0.255
14,	29.446	29.651	29.679	34.7	40.4	38.6	1.68	1.39	1.40	1.42	.84	.55	.89	.74	NW by N	NW by N	Calm.	0.255
15,	29.804	29.812	29.797	30.0	42.2	41.3	1.50	1.87	2.21	1.91	.90	.71	.86	.78	NW by N	NW by N	Calm.	0.255
16,	29.762	29.577	29.497	43.9	55.3	51.6	2.94	3.03	3.20	3.03	.83	.71	.84	.82	Calm.	S. by E.	S. S. W.	0.255
17,	29.641	29.468	29.468	53.5	60.7	53.6	3.00	2.51	3.29	3.34	.74	.50	.81	.74	S.	S. E.	S. S. W.	0.255
18,	29.697	29.630	29.482	41.6	60.0	53.6	2.35	4.12	3.39	3.84	.91	.80	.81	.85	W. by S.	W. by S.	N. W.	0.135
19,	29.710	29.704	29.803	29.7	53.1	38.2	2.85	2.02	1.70	1.93	.94	.51	.74	.73	S. S. W.	S. S. W.	N. W.	0.135
20,	29.844	29.781	29.857	31.3	43.3	39.3	1.62	1.74	1.62	1.74	.93	.42	.68	.70	W. by S.	W. by S.	Calm.	0.135
21,	29.962	29.863	29.740	35.2	43.5	42.1	1.60	1.98	1.93	1.97	.79	.71	.73	.70	W. by S.	N. by E.	N. by W.	0.550
22,	29.617	29.672	29.727	37.5	39.8	38.2	2.07	2.14	2.12	2.03	.93	.88	.92	.90	N. by E.	N. by E.	N. by N.	0.550
23,	29.753	29.769	29.834	34.4	48.8	37.6	1.85	2.71	2.04	2.47	.94	.80	.91	.88	N. by E.	S. by W.	Calm.	0.050
24,	29.640	29.198	29.561	45.7	45.6	31.6	2.92	1.56	1.52	1.75	.92	.58	.86	.74	Calm.	E.	Calm.	0.970
25,	29.372	29.635	30.157	46.0	42.2	31.6	3.82	1.56	1.52	1.75	.92	.58	.86	.74	W. by N.	W. by N.	W.	0.970
26,	29.999	30.157	30.251	30.1	35.0	22.6	1.66	1.19	0.99	1.14	1.00	.71	.80	.78	N. W.	N. W.	N.	0.970
27,	30.282	30.225	30.272	21.6	35.0	31.2	0.91	1.52	1.34	1.24	.76	.74	.74	.75	W.	N. N. W.	N.	0.970
28,	30.358	30.293	30.216	26.7	40.2	29.4	1.16	1.68	1.34	1.39	.79	.68	.81	.72	S. W. by S.	S. W. by S.	Calm.	0.970
29,	30.150	30.048	29.996	32.0	48.6	35.8	1.52	2.37	1.91	2.01	.84	.70	.91	.84	W. S. W.	S. by E.	Calm.	0.970
30,	29.970	29.891	29.872	33.2	49.8	35.9	1.81	2.78	1.87	2.52	.96	.79	.89	.87	W. S. W.	S. by E.	Calm.	0.970
31,	29.874	29.772	29.772	44.9	51.0	44.3	2.83	3.30	2.93	3.20	.90	.75	.89	.87	N. N. E.	Calm.	Calm.	0.970
Mean	29.6865	29.6772	29.6796	39.88	49.30	41.76	2.43	2.71	2.28	2.37	2.42	88	71	84	81	81	81	1.380

WEATHER.

0.105 Being till 4 am Cir'd till 6 pm Cir'd 6 pm Detached clouds. Mostly clear.
 Gen cir a few pass, eby. Fine.
 Cir till 5 am Rem. eby. L'ing 9 & 10 pm
 0.025 Cir till 7 pm, l'ing 8 pm, am. l'ing fr 7 pm
 Cir almost clear. till 8 pm. Fine.
 0.755 Slight pm nearly all day. Dens. cir'd.
 1.180 Slight rain till 11 am. Glad'd till 8 pm
 0.350 Aft rain till 10 pm. Dry cloudy. Slight
 Cir. rain till 9 pm. Dry cloudy. Slight
 Cir till 8 am. Fine.
 0.110 Cir till 8 am. Fine.
 0.005 Cir till 8 am. Fine.
 0.755 Cir till 8 am. Fine.
 0.255 Cir till 8 am. Fine.
 0.135 Cir till 8 am. Fine.
 0.550 Cir till 8 am. Fine.
 0.050 Cir till 8 am. Fine.
 1.380 Cir till 8 am. Fine.

Proportion of Wind from each Quarter.
 N.W. 130
 N.E. 102
 S.E. 108
 S.W. 117
 Total 457
 Mean Force of the Wind, 6 miles per hour.
 Greatest Daily Wind, 25th. Mean Velocity, 10 miles per hour.
 Least force from 4 to 5 pm on 25th.
 Maximum force from 4 to 5 pm on 25th.
Temperature for September.
 Mean, 44.9°
 Min., 32.0°
 Max., 57.2°
 Range, 25.2°
 No. Days, 13
 Rain, 1.860
 Inches, 2.06
 Winds, 225
 Gales, 206
 Storms, 106
 Force, 2
 Days, 2
 Snow, 0

Under the head of "Tension of Vapour" is given the elastic force of the aqueous vapour in the atmosphere at each hour, in inches of an inch of mercury, or the proportion of the barometric pressure due to its presence.
The quantity of Rain received for the past 24 hours, is noted at 9 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.
The Instruments are Standard Instruments.
The Rain Gauge is 7 1/2 ft above the soil.—The Means entered are the Means by 24 hourly observations, temperature, saturation being represented by 100.
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