

Elevation above Lake Ontario, 103 feet.

Humidity of Air				Wind			Rain, inches	Snow, inches	Weather.
6 a.m.	10	4 p.m.		6 a.m.	2 p.m.	10 p.m.			
92	91	92	89	Calm	SSE	NE	0.145	.....	Frost at 6 a.m.; day cloudy, rain'g slightly
90	86	89	89	NE	N	WNW	0.030	.....	Slight rain till 5 p.m.; mostly clear fr. 7 p.m.
87	88	80	74	W b S	W b S	W	0.010	.....	Frost at 6 a.m.; detach'd cl'ds gen'ly disp'd.
87	80	79	83	Calm	SSW	Calm	.....	.....	Densely clouded; dull, dark day.
79	65	71	72	NNE	E	NE	inapp.	.....	Gen'ly cloudy; a few cl'r spaces fr 2 to 4 p.m.
79	91	89	89	ENE	E	NE b E	0.545	.....	Constant light rain from 7 a.m.
66	65	..	..	SW b W	WSW	WSW	inapp.	.....	Rain ceased 1 a.m.; day cloudy.
95	74	87	85	W b S	W b S	NNW	inapp.	.....	Slight rain 45 m. p. 6 to 20 m. p. 7 a.m.
96	81	92	90	Calm	W b S	W b S	inapp.	.....	Spitting rain at 6 a.m.; mostly clear fr 6 p.m.
90	72	82	82	W	NNW	N b E	inapp.	.....	Gen'ly fine; auroral light fr 15 m. p. 8 p.m.
96	65	86	81	NE	ESE	SE b E	0.050	inapp.	Slt snow fr 9 a.m. rain & sleet fr 55 m. p. 1 p.m.
93	66	74	74	W b S	SW b W	W b N	..	inapp.	Overcast all day; auroral light in N fr 7 p.m.
91	67	83	83	W	NW	NW	0.4	.....	Slt snow fr 6 a.m. & fr 6 p.m., fr aur. at midn't
93	89	..	..	NW b N	NW b N	NW b W	inapp.	.....	Do. occasionally; fr aur. fr 7 p.m.
94	69	91	85	NW	NW b W	W b N	.....	.....	Overcast all day; mostly clear fr 8 to 11 p.m.
92	67	96	89	WSW	WSW	SW b W	.....	.....	Cl'dy till 4 p.m. aft. n'y cl'r; fr aur. at midn't
93	89	82	78	WSW	W b S	WNW	.....	.....	Gen'ly fine; faint auroral light fr 10 p.m.
92	89	75	77	N	NW b N	NNE	.....	.....	Lt detached clouds disp; clouded fr 1 p.m.
93	73	90	86	N b E	S b E	N b W	.....	.....	A few light clouds disp'd; mostly fine.
87	50	75	73	N b W	NNW	NW b N	.....	.....	Lightly overcast; hazy, dull, but mild.
91	86	..	..	NNW	NE b E	ESE	.....	.....	Densely do.; hazy and very dull.
84	91	92	89	E b S	E	E b S	0.5	.....	Ditto do.; snowing from 15 m. p. 1 p.m.
83	79	76	79	NNE	NNE	NE b N	.....	.....	Light detached clouds dispersed.
81	84	84	85	NE b N	NE b E	E b S	inapp.	.....	Mostly clear till 10 a.m.; aft. dens. clouded.
86	88	92	91	E b S	E b S	NE b E	0.570	.....	Densely overcast; constant rain or sleet.
93	96	95	91	E b S	ESE	WSW	0.325	.....	Fog 6 a.m.; raining slightly till 7 p.m.
99	64	72	75	WSW	W b S	WSW	.....	.....	Gen'ly overcast with h'y det'd cl'ds; windy
78	60	..	..	SW b W	SW b W	SW	0.8	.....	Clouded a.m., mostly cl'r.; snow dur night
86	78	82	82	W b N	W b S	W b N	.....	.....	Light det'd cl'ds, halo r. moon at midn't.
89	72	79	78	W	WSW	WSW	.....	.....	Gen'ly clear; Auroral light, and ft streamers fr 11 p.m.; halo rd. moon midn't, and very brill. meteor in NE. at 45 m. p. 1 a.m.
69	74	85	83	Miles:	Miles:	Miles:	1.775	2.0	
				6.10	7.96	8.62			

Sum of the Atmospheric Current in Miles. resolved into the four Cardinal Directions:

North.	West.	South.	East.
1391.26	2327.69	827.59	1378.64

Mean velocity of the wind—6.59 miles per hour.

Max. velocity—19.5 miles per hour, from 2 to 3 p.m. on 27th.

Most windy day—12th: mean velocity—13.91 miles per hour.

Least windy day—4th: mean velocity—2.11 ditto.

Hour of greatest mean velocity—noon: mean velocity—8.59 do.

Hour of least " —9 p.m.: do. —5.34 do.

Mean diurnal variation—3.25 miles.

COMPARATIVE TABLE FOR SEPTEMBER.

Year	TEMPERATURE				RAIN.		Wind, Mean velocity.
	Mean.	Max.	Min.	Range	Days	Inches	
1810	35.50	54.1	20.5	33.9	5	1.220	Miles.
1811	35.35	63.2	7.6	55.6	6	2.450	
1812	33.12	59.6	7.6	43.0	9	5.520	
1813	33.11	51.2	11.4	39.8	10	4.765	
1814	34.82	49.8	12.0	37.8	8	Imp't	
1815	36.67	54.8	7.6	51.2	7	1.105	
1816	40.85	55.5	18.2	37.3	12	5.805	
1817	38.72	63.2	7.8	50.4	14	3.155	4.77
1818	34.31	49.3	16.5	32.8	9	2.020	4.51
1819	42.33	56.7	28.4	28.3	10	2.915	4.78
1820	38.65	62.3	18.1	44.2	7	2.955	5.27
1821	31.72	50.1	16.5	33.6	5	3.885	4.70
1822	35.80	50.4	18.7	31.7	7	1.775	6.50
Mean	36.21	54.65	14.92	39.74	8.5	3.105	6.14