

DAY.	Barometer at Temp. of 32°.			Temp. of the Air.			Tension of Vapour.			Humidity of the Air.			Wind.			Inches of Snow.	WEATHER.
	7 A.M.	3 P.M.	10 P.M.	Mean	7 A.M.	3 P.M.	10 P.M.	Mean	7 A.M.	3 P.M.	10 P.M.	Mean	7 A.M.	3 P.M.	10 P.M.		
1,	29.334	29.751	29.903	29.650	30.0°	19.6°	14.4°	21.8	1.25	.075	.083	.100	.75	.68	.93	.80	Mostly clear; light clouds dispersed
2,	29.988	29.648	29.672	29.650	18.8	27.0	—	—	.091	.129	—	—	.85	.87	.94	.85	Densely clouded; commenced snow 11 pm
3,	29.948	29.762	29.672	29.650	18.8	31.0	—	—	.156	.169	.156	—	.95	.98	.94	.96	Densely clouded; commenced snow 11 pm
4,	29.642	29.538	29.464	29.546	30.2	34.8	34.9	33.4	.162	.189	.173	.175	.96	.94	.86	.92	Snow till 9.30 am; densely overcast all day
5,	29.358	29.328	29.565	29.392	33.6	34.8	33.8	34.1	.181	.131	.150	.156	.95	.66	.78	.88	Drizzle till 8 am; densely overcast
6,	29.316	29.409	29.682	29.437	30.0	26.0	22.4	26.2	.094	.108	.109	.103	.83	.68	.95	.82	Lt. particles of snow am; clear from 6 pm
7,	29.769	29.906	29.976	29.882	19.8	28.8	20.5	23.7	.094	.108	.109	.103	.83	.68	.95	.82	Densely overcast; snow till 9 am
8,	29.910	29.850	29.760	29.848	23.0	24.3	24.9	24.0	.108	.116	.127	.116	.85	.87	.93	.87	Densely overcast; snow till 9 am; part of snow falling
9,	29.420	29.291	29.760	29.848	23.0	24.3	24.9	24.0	.108	.116	.127	.116	.85	.87	.93	.87	Showing till 9 am; densely overcast
10,	29.570	29.610	29.699	29.626	29.2	29.4	26.8	28.5	.145	.164	.141	.149	.90	1.00	.96	.92	Densely overcast all day
11,	29.862	30.057	30.186	30.050	20.5	26.9	20.7	23.7	.109	.101	.105	.106	.95	.68	.90	.85	Slightly overcast till 3 pm; clear 6 pm; fine auroral light 11 pm
12,	30.269	30.142	30.046	30.140	14.0	29.9	25.2	22.8	.085	.112	.107	.101	.98	.67	.77	.81	Gen. clear; a few fl. passing clouds
13,	29.919	29.794	29.719	29.812	24.7	31.2	28.8	28.1	.077	.139	.125	.120	.59	.80	.79	.75	Overcast; light clouds and haze
14,	29.532	29.594	29.619	29.619	30.4	31.2	31.0	32.1	.166	.191	.152	.168	.98	.92	.88	.92	Overcast; slight clouds occasionally
15,	29.778	29.699	29.639	29.702	29.8	34.4	36.1	33.1	.159	.141	.184	.160	.96	.72	.87	.85	Uniformly overcast; dull and dark
16,	29.453	29.328	—	—	—	—	—	—	.169	.209	—	.160	.94	.93	.87	.85	Sir. nr horizon; overcast; den fog pm
17,	29.644	29.860	—	—	—	—	—	—	.170	.114	.109	.136	.86	.73	.72	.82	Gen. overcast; overcast; den fog pm
18,	29.966	29.929	30.000	29.827	34.8	28.4	24.8	29.4	.107	.129	.102	.108	.81	.80	.81	.79	Partially clear am; mostly clear pm; mt auroral light 9 to 11 pm
19,	29.791	29.442	29.398	29.548	32.6	36.5	38.8	36.9	.148	.197	.226	.190	.79	.92	.86	.90	Overcast all day; sir nr to 6 pm, fog & drk
20,	29.828	29.191	29.515	29.350	39.0	40.5	32.1	32.1	.229	.243	.158	.206	.97	.97	.88	.92	Drill fog day; soon clear till 9 am
21,	29.794	29.742	29.615	29.638	27.4	27.3	26.4	28.1	.108	.119	.134	.121	.72	.79	.78	.78	Uniformly overcast; clear breaking 11 pm
22,	29.419	29.266	29.185	29.290	27.6	26.1	24.6	26.1	.133	.131	.110	.124	.87	.90	.82	.86	Gen. clear; sir snow fr 11 am to 5 pm
23,	29.260	29.179	—	—	—	—	—	—	.129	.144	—	.129	.88	.90	.82	.86	Light passing clouds
24,	29.340	29.325	—	—	—	—	—	—	.084	.125	—	.090	.76	.86	.66	.78	Uniformly overcast till 3 pm; rain & gen. c/c
25,	29.573	29.679	—	—	—	—	—	—	.025	.028	—	.025	.47	.45	—	—	Mostly clear; fine, but very cold day
26,	29.832	29.506	29.489	29.631	0.2	17.2	20.8	19.4	.037	.092	.073	.065	.78	.93	.83	.80	Overcast; snow heavily fr 1 pm to 7 pm
27,	29.016	29.689	29.843	29.718	25.0	27.8	21.7	24.9	.096	.096	.085	.096	.70	.62	.73	.71	Generally overcast; dense clouds
28,	29.676	29.877	29.843	29.941	22.4	26.6	21.4	23.9	.089	.100	.103	.103	.73	.81	.86	.86	Overcast till 4 pm; clear from 9 pm; sit
29,	29.591	29.484	29.670	29.589	24.5	30.8	22.0	25.6	.117	.136	.106	.120	.88	.78	.87	.86	Overcast, occasionally; clear from 5 pm
30,	29.888	29.816	—	—	—	—	—	—	.076	.092	—	.076	.83	.92	.87	.86	Clear (no fine am); clear from 9 pm; halo and
31,	29.859	29.903	29.924	29.890	15.4	17.2	14.0	14.8	.058	.073	.057	.065	.80	.92	.62	.62	Clear (no fine am); clear from 9 pm; halo and
Mean	29.678	29.661	29.702	29.6803	25.2	28.9	25.5	26.56	.124	.134	.121	.127	.85	.81	.84	.84	Temp. average, 8.21 miles, 5.26 miles.

Highest Barometer, 30.216 at 9 a.m. on 12th. } Monthly }
 Lowest observed Temp. 40° 8 at 1 p.m. on 20th. } Range 11.01 }
 Lowest do } 36° 5 at 6 a.m. on 26th. } Monthly }
 Lowest do } 36° 5 at 6 a.m. on 26th. } Range 47.3 }
 Mean Max. Therm. 30° 31 } Mean Daily Range, 9° 63 }
 Mean Min. do } 20° 068 } Monthly }
 Greatest Daily Range, 25° 8 from 3 pm on 21th to am 26th }
 Warmest Day, 26th, Mean Temperature, 37° 11 }
 Coldest Day, 30th, do } 12° 43 }
 Mean Temperature at 2 pm, 29° 20 } Var., 4.00 }
 do at 7 am, 25° 20 }

Sum of the Atmospheric Currents in miles resolved into the four Cardinal directions.

North	West	South	East
1302.77	2746.73	1032.52	892.97

Mean velocity, 6.23 miles per hour.

Maximum velocity, 20.5 miles from 11 am to noon on 17th.

Most Windy Day, 6th.—Mean veloc. 12.67 miles

Least do, 18th.

Most Windy Hour, 2 pm; mean veloc. 8.25 miles per hour

Least Windy Hour, 8 am; " " " " 4.95

Mean Diurnal Variation, 3.29 miles.

The means are deduced from six observations daily, viz., 6, 9, 12, 3, and 6 pm, and 7 am, and 3 and 11 pm. Further explanatory notes will be found at the foot of all the Registers for 1845, 1846 & 1847. * Rain in inches on 6th, inapplicable. † Do on 10th, 0.0650; 16th, 0.245; 17th, 0.270; 20th, 0.065; 21st, 0.210.—Mean, 0.840.