Day.	Barom. at tem. of 32 deg. 6 A. M.	2 P. M.	10 P. M.	MEAN	Temperature of the air. 6 A. M.	2 P. M.	10 P. M.	MEAN	Tension of vapour. 6 A. M.	2 P. M.	10 P. M.	MEAN	6 A. M.	2 P. M.	10 P. M.	MEAN	6 A. M.	2 P. M.	10 P. M.	Remarks.
1	29.401	29 281	29.357	29 337	40 2	40.7	35.8	39 82	0 216	0.201	0.118	0 186	8'	80	76	76	NW b N	SW b W	SW bW	.....	Overcast : snow and sleet.
2	29.628	29.630	29 701	29.682	32 8	41 7	36.7	27 53	.165	.225	.172	.172	8'	77	75	77	W N W	W	W N W	.....	Clouded : dull : high wind, a. m.
3	29 722	29.579	29 551	29 617	32.5	40 0	42.	38.17	.10'	.197	.215	.183	5.	80	99	97	W b N	E b S	N W	0.050	Mostly clouded ; rain 6 to 7 p m.
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	N b W	N N W	N b W	.....	Light clouds : clear . fine.
5	29.635	29.612	29.627	29 610	31.8	50.2	39 7	12.32	.16'	.237	.136	.169	81	6'	56	6	N N W	N	N W	.....	Clear : light clouds dispersed.
6	29 668	29.647	29 683	29.669	37.1	50 2	38.6	42 83	.141	.156	.179	.171	6'	48	77	6	N N W	N W	N	.....	Partially clouded; rgt. cl. and fine.
7	29.743	29 675	29.680	29.69'	46.2	56.1	40 0	17 82	.280	.317	.188	.229	90	71	77	7	NW b N	S S W	W S W	.....	Fine ; faint aurora at 10 p. m.
8	29.696	29 613	29.558	29.614	38.6	63.1	52 6	52 9'	.168	.311	.355	.283	72	61	91	71	NW b W	S E b E	E b S	inap.	Morning clear: night drops of m.
9	29.592	29.470	29.608	29.567	51 9	71.2	53.1	60 21	.31	.262	.226	.278	90	31	57	5.	S W b S	SW bW	N b W	.....	Clear : few passing clouds.
10	29.730	29.695	29 603	29.671	45.9	61.3	19 6	52.17	.23'	.346	310	.290	78	65	97	71	Calm	S b W	N E	0.750	Clouded ; thunder-storm at night.
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E b S	E	W b N	0.470	Overcast all day.
12	29 546	29 481	29.421	29.471	53.8	69 6	58.1	60.73	.37'	.547	.168	.115	91	78	86	8'	N	S E b S	S W b S	.....	Overcast ; sheet lightning 10 p.m.
13	29 489	29 468	29 535	29 501	59.6	71 9	55.2	61.3'	.12'	.37'	.219	.3'0	85	49	58	67	SW bW	SW	N N W	.....	Clouds and hazy.
14	29.704	29.816	29 877	29 816	48.3	59 1	48.8	52.00	.23'	.233	.280	.218	71	45	81	66	N N W	N W	N b E	.....	Few clouds a. m. : clear p. m.
15	29 922	29 914	29.829	29.891	18 0	54 6	47.2	50 9'	.27'	.30'	.229	.267	8'	71	72	7'	N b E	E S E	E b N	.. ..	Clear a m ; haze from 4 p m.
16	29.758	29 548	29 370	29.543	17.1	62 2	62.6	57 87	.23'	.331	.135	.318	75	60	78	7'	Calm	E S P	S W	0.169	Overcast ; rain during night.
17	29 319	29 526	29.654	29.514	56.9	65.2	19.3	57.82	.13'	.392	.241	.358	96	65	70	7'	S b E	N N W	N N W	.....	Ceased rain 8 a m ; partially clear.
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	N b E	S E b E	N E b E	.....	Morning clouded : afternoon fine
19	29.712	29 567	29 396	29.57	50 5	53 7	51 9	52 4'	.22'	.312	.362	.310	6'	85	96	8'	E b N	E S E	S W	0 360	Thunder-storm from 10 till mid'gt.
20	29 313	29 236	29 190	29.359	56 0	67 2	55.2	60.97	.12'	.331	.331	.427	96	82	78	8.	N NW	S W b S	NWb.W	.....	Light clouds occasionally.
21	29 677	29.669	29 618	29.619	53.4	69 3	51 4	55.2'	.30'	.331	.310	.324	77	67	91	7'	NW b N	S	Calm	0 215	Morn. clear : rain during night.
22	29 112	29.181	29.138	29 243	18 2	59.5	55 7	51 57	.36'	.117	.108	.393	9'	89	91	92	E	E S E	E b S	0.400	Cloudy ; thunder-storm at night.
23	29 270	29 661	29.010	29.651	45 4	50.8	44.2	45 73	.25'	.210	.189	.215	85	60	72	7'	S b W	N W	NW b N	.....	Cloudy ; high wind till 4 p.m.
24	30.059	30.038	29.934	30.010	40.0	58.4	40.0	47 77	.195	.421	218	.261	79	88	89	7'	NW b N	S	E	.....	Clear : hoar frost 6 a. m.
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	N E b E	E S E	Calm	.....	Unclouded, fine.
26	29.841	29.772	29 700	29.767	47.8	65.6	58 7	58 10	.29'	.430	.377	.377	56	70	75	8'	N E	E S E	N E	0.350	Morn clear : thunder and rain p.m.
27	29 626	29.502	29 511	29.53'	54.5	67 2	61 0	61.28	.37'	.59'	.137	.177	91	52	83	8'	S E b E	S S E	W by N	0.035	Dirt thun. and rain 6 a.m.
28	29 633	29 665	29 689	29.671	55 8	61 2	56.1	58 40	.37'	.50'	38'	.414	8'	87	86	8'	NW b N	S S W	E b N	0 205	Overcast : slight rain 10 p m.
29	29.658	29 693	29 770	29 700	51 4	51.7	47.6	49.87	.337	.37'	.314	.33'	9'	96	96	9'	E N E	E S E	E S E	0 040	Densely overcast ; slight rain.
30	29.809	29 80	29 836	29 817	50.8	58 2	48.5	52.77	.34'	.40'	.318	.35'	95	84	91	8'	N b E	S b W	N b W	.....	Few light clouds ; fine.
31	29 913	29 868	29.720	29 829	55 0	62.8	51.8	58.18	.332	.422	241	.3'6	81	76	79	8'	N	E S E	E N E	0 275	Cloudy p.m.; rain most of night.
M	29 651	29.617	29.641	29630'	47.50	58.51	49.36	52 18	0.281	0.352	0 287	0.30'	83	71	79	7'	1.63	8.66	5 69	2 910	Brilliant meteor in E. : 3rd 9 p.m.

Highest Barometer.. 30.674, at 8, a. m., on 24th } Monthly range:
Lowest Barometer .. 29.108, at noon on 22nd } 0.966 inch.

Highest temperature.. 73.3, at 4, p. m., on 13th } Monthly range:
Lowest temperatu.e.. 28.0, at 4, a. m., on 3rd } 45.3

Mean Max. Therm.. 59.12 } Mean daily range, 16.05.
Mean Min. Therm .. 43.07 }

Greatest daily range.. 26.3, from 4, p. m. of 13th to a. m. of 14th.

Warmest day .. 13th .. Mean temperature 61.35 } Diff.
Coldest day.... 2nd . Do. 37.53 }

Warmest observed hour.. 4, p.m. Mean temperature .. 52.65
Coldest observed hour .. 6, a.m. Do. .. 47.50
Mean diurnal variation.. 11.16.

SUM OF THE ATMOSPHERIC CURRENT *in miles, resolved into the four Cardinal directions :*

North.	West.	South.	East.
11604.3	4560.2	1690.7	1181.9

Mean Velocity of the wind—6.31 miles per hour.
Maximum velocity—23.7 miles, *fr. 11 p.m to midnt. 1st.*
Most windy day—1st: mean velocity—11 46 m. p. hr.
Least windy day—16th: ditto — 2.45 ditto
Most windy hour—4 p.m.: mean veloc.—8.74 m. *p. h.*
Least windy hour—4 a. m.: do. — 4 10 do
Mean diurnal variation—4.64 miles.

Year.	Temperature. MEAN.	MAX.	MIN.	RANGE	Rain. DAYS.	INCHES	Snow. DAYS.	INCHES
1840	51.29	79.1	51.2	15 2	9	4.170	0	
1841	51.10	78 0	26 5	51.5	11	2 370	1	
1842	49.80	71 2	27.3	16.9	7	1.27	0	
1843	49.72	75.8	29 2	50.6	5	1.570	0	
1844	51.22	78.4	28 7	49 7	11	5 670	0	
1845	50 23	77.4	27.8	50 0	8	2.500	0	
1846	55.77	79 7	33 1	46 6	9	4.370	0	
1847	51 58	72.3	26 7.	45.4	12	2 03	0	
1848	53.71	78 0	31.3	46.8	13	2 590	0	
1849	48.30	72.2	27.9	44.3	16	5.115	0	
1850	48.61	77 8	27.5	50.3	7	0.545	1	inapp.
1851	52 48	73.3	23.0	45 3	12	2 950	1	inapp.