

Day.	Barometer at Temp. of 32°.			Temperature of the Air.			Tension of Vapour.			Humidity of the Air.			Wind.			Rain in. on surf.	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.
1,	29.890	29.871	29.738	29.801	46.7	48.9	48.0°	47.7	.912	.929	.934	.902	.76	.91	.81	.92	—	Overcast all day.
2,	29.938	29.745	29.736	29.804	52.0	57.8	54.6	55.1	.975	.914	.900	.906	.98	.98	.96	.96	0.230	Overcast. S.W. rain from 9 am to 9 pm Gen'l overcast. Dul. S.W. rain at 11 pm
3,	29.798	29.781	29.832	29.802	52.2	57.8	52.0	53.4	.973	.900	.887	.901	.97	.86	.88	.90	—	Mildly overcast. Light eads & haze
4,	29.883	29.806	29.943	29.925	50.2	56.2	51.0	53.9	.938	.993	.937	.960	.91	.89	.88	.88	—	Gen'l overcast. Light eads & haze
5,	30.041	30.005	29.955	29.989	46.1	51.6	47.0	48.3	.981	.913	.906	.903	.91	.83	.93	.87	—	Density overcast all day
6,	29.868	29.659	29.817	29.802	48.4	59.0	48.2	49.0	.925	.910	.966	.903	.97	.83	.80	.88	—	Clear. Part. clear pm. Raining from 5 to 8 pm.
7,	29.908	29.656	29.530	29.673	46.5	56.8	53.5	53.2	.914	.988	.924	.932	.71	.81	.81	.83	.215	Clear, passing clouds. Aur. at night. Clear till 4 pm. Clouded from 9 pm.
8,	29.952	29.752	29.921	29.771	50.5	52.0	36.8	46.1	.913	.951	.957	.912	.86	.46	.72	.67	not ap.	Slight showers 9 pm. A few det. eads am. Cir from 4 pm
9,	29.856	29.856	29.798	29.859	26.4	48.0	41.4	40.7	.938	.913	.913	.917	.94	.64	.59	.71	—	Clear and uncl'd. Very fine day.
10,	29.774	29.782	29.799	29.775	40.8	57.1	49.6	49.4	.969	.907	.934	.954	.66	.67	.70	.77	—	Uncl'd. Hazy rd. Very fine day.
11,	29.858	29.736	29.630	29.721	39.7	48.0	44.2	45.7	.970	.953	.937	.933	.70	.77	.83	.78	—	Part. overcast. Light eads & haze.
12,	29.552	29.432	29.505	29.499	35.3	60.5	48.6	49.6	.919	.934	.921	.958	.07	.68	.65	.73	—	AM cloudy. PM clear & unclouded.
13,	29.345	29.181	29.019	29.189	51.4	58.6	55.6	57.0	.919	.941	.941	.910	.95	.78	.97	.90	—	Clear & uncl'd. Very fine day.
14,	29.578	29.497	29.700	29.575	30.4	37.6	32.6	35.3	.945	.999	.942	.910	.95	.74	.78	.80	—	Clouded. Reheating from 6h. 30m pm
15,	29.830	29.556	29.671	29.703	36.4	36.3	31.2	31.2	.986	.959	.916	.965	.77	.71	.81	.85	.985	Clouded & uncl'd. Very fine day. Density clouded all day.
16,	29.438	29.235	29.245	29.291	36.7	44.0	40.8	40.4	.974	.902	.982	.980	.80	.70	.72	.72	—	Clouded all day.
17,	29.380	29.421	29.472	29.429	40.4	46.5	40.8	42.0	.966	.900	.911	.913	.64	.84	.84	.81	—	Clouded. Sp. rain at 7 am & 2 pm
18,	29.455	29.445	29.530	29.468	38.0	45.6	35.3	39.7	.989	.995	.981	.991	.64	.90	.90	.80	—	Part. cl'd. Slight rain at 3 & 4 pm
19,	29.681	29.607	29.467	29.531	38.3	45.0	41.7	41.7	.983	.918	.915	.910	.79	.74	.81	.79	—	Clouded. Sp. rain at 7 am & 2 pm
20,	29.632	29.514	29.615	29.615	45.2	54.7	45.0	46.9	.971	.966	.915	.910	.67	.81	.81	.79	—	Eight eads gen. Aur. from 9 pm.
21,	29.761	29.314	29.615	29.645	46.6	49.6	44.0	45.0	.982	.943	.916	.929	.94	.81	.81	.84	—	Reg fr 3h 30m am till no. PM part cl'd
22,	29.879	29.635	29.653	29.699	35.6	49.6	44.0	45.0	.971	.925	.915	.929	.82	.73	.62	.63	—	Gen'ly cl'd. Aurora from 9 pm
23,	29.572	29.519	29.500	29.523	38.5	46.0	37.0	41.6	.905	.972	.905	.928	.88	.88	.94	.88	.010	Spr. P.M. most of day. Cir from 9 pm
24,	29.480	29.435	29.419	29.436	36.8	50.1	40.1	43.9	.900	.981	.917	.917	.78	.97	.97	.87	.050	Uncl'd during day. Dense fog 7 am.
25,	29.339	29.178	29.099	29.193	42.5	50.1	51.8	50.5	.951	.916	.932	.911	.98	.87	.84	.86	—	Density cl'd all day. Dense fog 5 am.
26,	29.451	29.384	29.289	29.360	45.8	52.7	51.0	52.4	.967	.902	.931	.931	.98	.97	.95	.92	.070	Density cl'd. Slight rain occasionally.
27,	29.337	29.337	29.337	29.334	44.0	43.9	41.0	43.2	.924	.919	.915	.917	.79	.67	.67	.61	.065	Density cl'd. Drizzling rain 9 pm.
28,	29.559	29.356	29.559	29.559	44.0	43.9	41.0	43.2	.924	.919	.915	.917	.79	.67	.67	.61	.360	Heavy P.M. fr 3 to 5 am. Day part. cl'd.
29,	29.637	29.577	29.559	29.601	41.6	50.6	44.9	46.38	.939	.985	.919	.922	.88	.76	.81	.81	1.550	—
Mean																		

Proportion of Wind from each Quarter—
 From N. 135.0 miles. W. 126.2 " S. 81.1 " E. 59.1 "

Temperature for October—
 Mean Max. 73.0° Min. 23.0° Range, 50.0°
 Highest do. 79.7 " " " 39.1 " " " 40.0°
 Lowest do. 41.8 " " " 20.6 " " " 31.1 " " " 41.1°
 Highest Temperature, 61° 30 on 16th, at 2 p.m.
 Lowest do. 23° 26 on 11th, at 2 p.m.
 Mean Max. Therm., 61.50—Mean Min. Therm., 39.22.
 Mean Daily Range, .. 12.28°
 Extreme Daily Range, .. 11.1° from pm of 10th to am of 11th
 Mean Temperature for 30 days, 41° 41.8.
 Do, at 2 pm, 50° 78.

Monthly Range 1.622
 Monthly Range 37.3
 Mean Velocity of the Wind, 4.60 miles per hour.
 Maximum velocity, 18.5 miles from 3 to 4 p.m., on 9th
 Most Windy Day, 11th.—Mean Value per hour, 0.82
 Least do., 29th.
 Daily Variation—Velocity greatest, 1 pm, 6.57 miles
 Do least, midnight, 5.01

Temperature for October—
 Mean Max. 73.0° Min. 23.0° Range, 50.0°
 Highest do. 79.7 " " " 39.1 " " " 40.0°
 Lowest do. 41.8 " " " 20.6 " " " 31.1 " " " 41.1°

Winds.—Mean Force, 2.06
 Mean Velocity, 4.60 miles per hour.
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 Mean Velocity, 4.60 miles per hour.

The approximate mean of the Barometer is derived from ten observations daily; the means of the other elements are taken from four observations daily, viz., 9 and 10 a.m., and 9 and 10 p.m. The whole are close approximations to true means. Further explanatory notes will be found at the foot of all the Registers of 1896, 1896 and 1897.
 Magnetic Disturbances, October 18, 4th to 18th, 10th, considerable, 1° 2' 11', 3° of Decl., 23d, 13h 30m to 17h, slight, 19°, 6° of decl., 35th, 6h to 17h, moderate, 36°, 3° of decl., all Golt. dates.