

METEOROLOGICAL JOURNAL,

KEPT BY THE ASSISTANT SECRETARY,

AT THE APARTMENTS OF THE

ROYAL SOCIETY,

BY ORDER OF

THE PRESIDENT AND COUNCIL.

OBSERVANDA.

Height of the Cistern of the Barometer above the plinth at Waterloo Bridge....83 feet 2 inches.

_____ above the mean level of the sea97 feet.

Height of the receiver of the Rain Gauge above the court of Somerset House ..79 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

The Thermometers are graduated to Fahrenheit's scale.

The Barometer is divided into inches and tenths.

The Hours of Observation are of Mean Time, the day beginning at Midnight.

The *daily* observations of the Barometer are *not* corrected.

The *monthly means* are corrected for capillarity and temperature by the Table contained in Mr. Baily's paper in *Phil. Trans.* for 1837.

METEOROLOGICAL JOURNAL FOR JANUARY AND FEBRUARY, 1842.

1842.	9 o'clock, A.M.			3 o'clock, P.M.			Dew Point at 9 A.M., deg. Fahr.	Diff. of Wet and Dry Bulb Ther.	External Thermometers.				Rain in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	REMARKS.	
	Barometer uncorrected.		Att. Ther.	Barometer uncorrected.		Att. Ther.			Fahrenheit.		Self-registering					
	Flint Glass.	Crown Glass.		Flint Glass.	Crown Glass.				9 A.M.	3 P.M.	Lowest	Highest				
S 1	30.230	30.222	41.0	30.208	30.200	41.6	34	01.8	36.3	39.3	35.0	42.0		SE	{ Light clouds and wind throughout the day. Evening, Fine and starlight—sharp frost.	
⊙ 2	30.192	30.184	39.2	30.120	30.112	39.3	33	02.2	34.7	37.7	33.3	40.7		N	{ Light fog and wind—sharp frost throughout the day. Evening, Overcast—light rain. [—]t. fog.	
M 3	30.022	30.016	38.0	30.002	29.994	37.7	32	01.6	34.2	33.7	33.0	38.8		N	{ Fine—light clouds and fog throughout the day. Ev. Fine and starlight	
T 4	29.944	29.936	34.3	29.982	29.974	35.3	28	00.9	30.3	33.0	28.2	34.5		N	{ Fine—light clouds—brisk wind—sharp frost throughout the day. Ev. Early part, snow—after part, starlight—sharp frost.	
W 5	30.050	30.044	35.0	30.048	30.042	36.3	30	<i>Frozen</i>	32.7	36.3	30.6	34.0		NW	{ A.M. Lt. clds. & wind. P.M. Cloudy—lt. wind. Ev. Overcast—light snow.	
T 6	30.180	30.172	36.3	30.224	30.216	37.8	36	01.5	34.7	36.8	32.9	37.3		NW	{ A.M. Cloudy—brisk wind—thaw. P.M. Fine—light clouds—continued thaw. Evening, Cloudy—sharp frost.	
F 7	30.490	30.482	35.5	30.468	30.460	35.9	29	<i>Frozen</i>	29.5	34.3	29.6	37.7		N	{ Fine—light clouds and wind—sharp frost throughout the day. Ev. Overcast—light snow—sharp frost.	
S 8	30.496	30.488	34.8	30.416	30.408	34.6	26	<i>ditto</i>	31.2	32.0	29.5	35.2		N	{ Fine—lt. clouds & wind—sharp frost throughout the day. Ev. Overcast—sharp frost.	
⊙ 9	30.238	30.230	32.6	30.112	30.104	32.6	25	<i>ditto</i>	29.2	29.8	28.8	34.0		N	{ Ev. Lt. fog—sharp frost.	
M10	30.128	30.120	32.6	30.068	30.060	33.0	23	<i>ditto</i>	30.3	31.7	28.8	31.0		N	{ A.M. Lt. fog & wind—sharp frost. P.M. Overcast—lt. snow—sharp frost.	
⊙ T11	30.002	29.996	34.0	30.014	30.006	35.0	30	01.9	33.8	35.3	30.4	34.5		S	{ Light fog & wind—sharp frost throughout the day. Ev. Overcast—sharp frost.	
W12	30.066	30.058	35.0	30.044	30.036	36.7	30	02.0	33.7	35.8	32.8	36.2	.075*	S	{ A.M. Hazy—light wind—snow early. P.M. Cloudy—light wind & thaw. Evening, Cloudy—light snow.	
T13	29.872	29.868	36.0	29.812	29.804	36.6	32	00.5	33.0	32.3	33.0	38.0		SSE	{ A.M. Cloudy—light wind. P.M. Fine—light clouds and wind. Evening, Fine and starlight—frost.	
F14	29.514	29.508	36.3	29.598	29.590	38.0	34	01.8	36.7	35.3	30.2	37.3	.091*	S	{ Overcast—snow—light wind throughout the day. Ev. The same.	
S15	29.948	29.942	37.3	29.976	29.968	38.0	32	02.0	34.2	38.2	32.5	37.7		S	{ A.M. Overcast—light wind and thaw. P.M. Fine—light clouds—continued thaw. Evening, Overcast—frost.	
⊙ S16	29.782	29.774	37.5	29.770	29.766	39.0	34	01.8	37.7	41.7	33.0	38.2	.022	SSE	{ Light fog and wind throughout the day. Ev. Fine and starlight.	
M17	30.072	30.064	37.8	30.156	30.148	40.0	34	02.2	36.7	41.8	34.3	42.4		SW	{ A.M. Overcast—slight rain and wind. P.M. Fine—light clouds. Ev. Early part, fine and moonlight—after part, overcast—deposition.	
T18	30.380	30.372	37.3	30.416	30.408	37.4	32	01.4	30.6	33.3	30.3	42.6		W	{ Fine—light clouds & wind throughout the day. Evening, Fine and starlight—light fog.	
W19	30.480	30.472	37.8	30.398	30.390	38.0	33	01.4	33.7	34.3	30.0	38.2		W	{ Light fog and wind, with sharp frost throughout the day. Evening, Overcast—light fog.	
T20	30.174	30.166	36.3	30.094	30.086	37.4	33	02.3	33.4	35.4	29.3	34.6		S	{ Thick fog—thaw throughout the day. Ev. Thick fog—sharp frost.	
F21	30.044	30.036	38.0	30.040	30.032	38.0	33	01.6	34.3	35.2	33.2	35.3		N	{ Overcast—light fog and wind throughout the day. Ev. The same.	
S22	29.880	29.872	37.5	29.622	29.614	37.8	32	02.5	34.3	36.0	33.8	35.3		E	{ Lightly overcast—light snow, wind, and frost, throughout the day. Evening, Overcast—light rain.	
⊙ S23	29.240	29.234	37.3	29.362	29.356	38.0	32	02.2	32.4	35.2	32.3	38.8	.119	W	{ Fine—light clouds and wind—sharp frost throughout the day. Ev. Fine and starlight.	
M24	29.846	29.840	33.8	29.828	29.820	33.9	27	00.8	28.7	32.7	27.3	36.2		W	{ Fine—light fog—sharp frost throughout the day. Evening, Cloudy.	
T25	29.348	29.342	34.6	29.560	29.552	37.2	32	01.4	35.3	41.5	29.3	35.6	.091	W	{ A.M. Snow early—overcast—light rain & wind. P.M. Fine—light clouds. Evening, The same.	
● W26	29.446	29.440	36.7	29.112	29.104	39.3	33	01.8	39.3	44.0	33.0	41.8	.041	SE	{ A.M. Overcast—light rain—very high wind. P.M. Fine—light clouds—high wind. Evening, Moonlight—light clouds.	
T27	29.678	29.670	39.6	29.786	29.778	40.8	34	02.8	38.4	43.8	37.6	44.6	.133	S var.	{ Fine—lt. clouds & wind throughout the day. Ev. Fine and moonlight.	
F28	29.850	29.846	40.0	29.886	29.878	40.8	35	01.5	36.4	41.7	36.0	44.2		W	{ Fine—light clouds & wind throughout the day. Ev. Fine & starlight.	
S29	29.990	29.982	39.0	30.036	30.024	40.0	35	01.8	36.0	41.5	33.2	42.3		W	{ A.M. Overcast—light fog and wind, with very slight rain. P.M. Overcast—light fog. Evening the same.	
⊙ S30	30.262	30.254	39.8	30.260	30.254	41.5	35	01.7	36.7	39.0	35.6	41.7		NW	{ Light fog and wind throughout the day. Ev. Overcast—light fog.	
M31	30.134	30.126	40.0	30.040	30.032	41.8	37	02.2	40.7	46.4	36.5	41.2		S	{ Overcast—light wind throughout the day. Ev. Overcast—light rain.	
MEAN.	29.999	29.992	36.8	29.983	29.975	37.7	32	01.7	34.2	36.9	32.0	38.1	Sum. .572			{ Mean Barometer corrected { 9 A.M. 3 P.M. F. 29.981 .. 29.963 C. 29.973 .. 29.954
															*Melted snow.]	
T 1	30.140	30.134	42.3	30.156	30.148	43.7	42	02.5	39.5	45.3	37.8	47.0	.166	W	{ Fine—lt. clouds and wind throughout the day. Ev. Overcast—lt. fog.	
W 2	30.198	30.190	42.8	30.202	30.196	44.8	38	02.5	41.7	48.7	38.0	45.7		SW	{ A.M. Light fog & wind. P.M. Cloudy—lt. wind. Ev. Overcast—lt. fog.	
T 3	30.436	30.428	45.5	30.432	30.424	46.0	41	02.3	43.8	45.4	41.7	49.2		NW	{ A.M. Light fog and wind. P.M. Cloudy—lt. wind. Ev. The like.	
F 4	30.480	30.472	45.3	30.424	30.416	45.0	40	02.2	39.8	36.3	40.3	46.3		NE	{ A.M. Cloudy—light wind. P.M. Fine—light clouds and wind. Evening, Overcast—light fog.	
S 5	30.286	30.278	40.7	30.204	30.196	40.6	35	02.3	35.7	35.7	33.3	40.0		ENE	{ A.M. Cloudy—light wind—sharp frost. P.M. Fine—light clouds. Evening, Fine and starlight—frosty.	
⊙ 6	30.118	30.110	37.8	29.996	29.990	39.0	29	02.9	32.8	37.6	32.0	35.7		E	{ Lightly cloudy—light wind throughout the day. Evening, Fine and starlight—light fog. [Ev. Overcast.]	
M 7	29.724	29.716	36.8	29.722	29.714	38.6	33	01.4	35.2	38.5	33.0	37.6	.033	ENE	{ A.M. Overcast—light rain—snow and fog. P.M. Cloudy—light wind.	
T 8	29.828	29.820	38.0	29.812	29.804	39.0	33	01.1	34.8	43.7	33.0	40.6	.094	NE	{ Overcast—light rain and wind throughout the day. Ev. Light fog.	
W 9	29.812	29.804	40.9	29.744	29.736	42.7	38	01.2	40.8	48.3	35.2	45.0	.063	S	{ Fine—light clouds and wind throughout the day. Ev. Overcast.	
⊙ T10	29.946	29.938	43.8	30.000	29.992	45.8	41	01.4	45.7	49.8	41.2	49.0		S	{ Cloudy—light wind throughout the day. Ev. Cloudy—brisk wind.	
F11	30.026	30.018	48.0	30.022	30.014	50.0	46	02.3	47.3	51.4	45.8	50.3		S	{ Cloudy—high wind throughout the day. Ev. Overcast—light rain—high wind.	
S12	30.072	30.064	49.5	30.040	30.032	51.0	46	02.0	50.2	51.3	47.4	52.2	.094	S	{ A.M. Dark heavy clouds—high wind. P.M. Overcast—light rain—high wind. Evening, Overcast.	
⊙ S13	30.220	30.214	49.0	30.056	30.050	50.0	43	00.5	44.2	50.2	42.5	53.0	.009	SSE	{ A.M. Overcast—light fog and wind. P.M. Overcast—light rain—high wind. Evening, Fine and starlight.	
M14	30.456	30.448	46.2	30.492	30.486	47.8	41	02.2	40.3	49.2	38.5	50.7	.061	W	{ Fine—light clouds and wind throughout the day. Evening, Cloudy.	
T15	30.500	30.492	47.6	30.478	30.470	49.6	44	02.8	46.8	51.2	40.3	49.7		S	{ A.M. Cloudy—light wind. P.M. Fine—light clouds and wind. Evening, Fine and starlight.	
W16	30.546	30.538	47.6	30.518	30.510	48.2	43	02.0	46.3	48.7	44.8	51.6		W	{ Cloudy—light wind throughout the day. Evening, The like.	
T17	30.410	30.402	47.2	30.330	30.322	48.6	43	01.9	44.3	47.3	43.7	49.2		S	{ A.M. Light fog and wind. P.M. Overcast—light wind. Evening, Fine and starlight.	
F18	30.374	30.366	44.8	30.370	30.362	45.5	38	02.8	36.8	43.6	36.0	48.2		S	{ A.M. Overcast—light wind. P.M. Fine—lt. clouds. Ev. Thick fog.	
S19	30.402	30.394	42.4	30.304	30.296	44.2	39	01.8	34.7	43.3	33.3	43.7		SW	{ A.M. Thick fog. P.M. Fine—light clouds. Ev. Starlight—light fog.	
⊙ S20	30.054	30.046	42.2	29.966	29.958	42.0	37	02.0	35.3	36.3	35.0	45.0		S	{ A.M. Overcast—very slight rain. P.M. Overcast—light wind. Evening, The like.	
M21	29.782	29.776	41.2	29.690	29.684	43.3	36	02.4	39.7	46.7	35.0	40.0		SE	{ A.M. Cloudy—brisk wind. P.M. Overcast—light rain. Ev. The like.	
T22	29.756	29.750	42.4	29.676	29.670	46.0	39	02.0	41.8	48.2	38.8	47.8	.161	E	{ A.M. Cloudy—light wind. P.M. Fine—light clouds and wind. Evening, Overcast.	
W23	29.444	29.436	44.9	29.304	29.300	47.2	42	02.7	44.8	48.4	42.0	48.8		SSE	{ A.M. Cloudy—light wind. P.M. Fine—lt. clouds & wind. Evening, Overcast—light rain.	
T24	29.152	29.148	46.3	29.114	29.110	48.4	41	02.3	41.9	47.7	41.8	49.5	.059	S	{ Cloudy—light wind throughout the day. Evening, The like.	
● S25	29.216	29.208	46.0	29.310	29.304	47.0	41	02.0	39.3	44.3	36.3	48.0	.130	W	{ A.M. Cloudy—light rain and wind. P.M. Fine—light clouds, with showers. Evening, Fine and moonlight.	
F26	29.400	29.392	42.6	29.466	29.460	44.6	36	02.6	39.2	45.7	35.0	45.3	.052	SE	{ A.M. Cloudy—light wind—rain early. P.M. Fine—nearly cloudless. Evening, Fine and moonlight. [Cloudy.]	
⊙ S27	29.550	29.544	42.3	29.380	29.374	43.2	36	02.9	40.5	42.6	35.2	46.0	.133	S	{ Overcast—light rain—brisk wind nearly the whole of the day. Ev. A.M. Fine—light clouds and wind. P.M. Cloudy—light wind. Evening, Light rain—high wind.	
M28	29.622	29.616	42.5	29.636	29.630	45.4	38	02.6	41.7	47.7	39.0	43.6	.291	S		
MEAN.	29.998	29.991	43.8	29.958	29.952	45.3	39	02.1	40.9	45.5	38.4	46.4	Sum. 1.346			{ Mean Barometer corrected { 9 A.M. 3 P.M. F. 29.961 .. 29.917 C. 29.952 .. 29.910

METEOROLOGICAL JOURNAL FOR MARCH AND APRIL, 1842.

1842.	9 o'clock, A.M.			3 o'clock, P.M.			Day Point at 9 A.M., deg. Fahr.	Diff. of Wet and Dry Bulb Thermometer.	External Thermometers.				Rain in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	REMARKS.
	Barometer uncorrected.		Att. Ther.	Barometer uncorrected.		Att. Ther.			Fahrenheit.		Self-registering.				
	Flint Glass.	Crown Glass.		Flint Glass.	Crown Glass.				A.M.	3 P.M.	Lowest	Highest			
T 1	29.236	29.230	48.0	29.380	29.372	50.7	46	01.5	49.8	48.6	42.0	50.5	.047	S	{ A.M. Overcast—slight rain—light wind. P.M. Fine—light clouds. Evening, Fine and starlight—light clouds.
W 2	29.770	29.762	45.4	29.640	29.636	48.5	40	03.0	43.7	50.3	37.8	51.0		S	{ Overcast—brisk wind—light rain nearly the whole of the day. Evening, The same.
T 3	29.916	29.908	50.2	29.906	29.898	52.2	47	02.9	52.3	55.7	43.7	52.6	.402	SSW	{ A.M. Cloudy—brisk wind. P.M. Fine—light clouds. Ev. Cloudy.
F 4	30.008	30.000	50.6	29.966	29.958	51.7	45	03.3	45.3	49.0	43.8	55.8		SW	{ Cloudy—light wind throughout the day. Evening, Overcast—very slight rain.
S 5	30.042	30.036	48.3	30.082	30.074	50.3	42	02.1	41.3	49.8	39.0	50.6		S	{ Fine—light clouds throughout the day. Evening, Fine and starlight.
○ 6	30.010	30.002	47.4	29.888	29.882	48.2	41	02.9	42.0	49.5	39.2	52.2		SSW	{ Fine—nearly cloudless throughout the day. Ev. Fine and starlight.
M 7	29.750	29.742	45.7	29.642	29.636	48.8	40	03.0	44.3	50.3	39.0	51.0		S	{ Clod.—lt. wind throughout the day. Ev. Overcast—very slight rain.
T 8	29.528	29.520	50.6	29.504	29.498	51.7	46	03.4	51.5	53.5	44.3	51.8		S	{ A.M. Cloudy—brisk wind—high wind throughout the night. P.M. Fine—light clouds. Evening, Overcast—light rain.
W 9	29.660	29.652	49.5	29.650	29.644	49.8	42	03.4	43.3	46.8	39.0	54.6	.150	S	{ A.M. Fine—light clouds and wind with showers. P.M. Cloudy. Evening, Overcast—light rain—high wind.
T 10	29.574	29.568	46.5	29.830	29.824	47.9	40	04.3	41.5	46.8	38.6	49.4	.455	W	{ A.M. Cloudy—very high wind, as also throughout the night. P.M. Fine—light clouds—brisk wind. Evening, Fine and starlight.
F 11	30.040	30.032	46.2	29.900	29.894	48.5	40	03.4	45.3	51.0	40.0	48.6		S	{ Overcast—light wind throughout the day. Evening, The same.
○ 12	30.094	30.086	48.8	30.050	30.042	51.0	42	03.5	44.3	54.3	41.3	53.6		W	{ Fine—light clouds and wind throughout the day. Ev. Fine and starlight.
S 13	29.940	29.934	50.2	30.086	30.082	51.0	44	05.0	46.3	51.5	43.7	56.0	.094	W	{ A.M. Fine—broken clouds—light wind—very high wind, and light rain early. P.M. Cloudy—brisk wind, with showers. Light fog.
M 14	30.276	30.268	48.3	30.308	30.300	50.4	43	03.4	45.4	49.8	44.2	51.7	.022	S	{ Overcast—lt. wind, with occasional slight rain throughout the day. Evening, Overcast.
T 15	30.398	30.392	50.0	30.384	30.376	51.5	46	02.3	49.5	54.0	45.3	50.8		S	{ Overcast—light wind throughout the day—very slight rain early. Ev. Slight fog.
W 16	30.360	30.352	52.0	30.264	30.256	52.8	49	02.7	51.3	51.8	49.8	54.6		S	{ Overcast—light wind throughout the day. Evening, Overcast—very slight rain.
T 17	30.188	30.180	52.4	30.074	30.066	54.2	48	04.4	50.3	53.8	47.4	52.7		W	{ Cloudy—lt. wind throughout the day. Ev. Overcast—light rain.
F 18	29.792	29.786	54.3	29.714	29.706	54.0	48	05.0	48.7	49.7	45.7	55.3	.041	W	{ Fine—lt. clouds & wind throughout the day—high wind throughout the night. Evening, Slight rain.
S 19	29.558	29.552	52.3	29.420	29.414	50.3	40	05.1	43.6	45.3	39.0	52.3		W	{ A.M. Fine—light clouds—brisk wind. P.M. Ovct.—brisk wind. Ev. A.M. Overcast—light rain and wind. P.M. Fine—light clouds and wind. Evening, Overcast—light rain.
○ 20	29.298	29.292	47.9	29.464	29.456	49.0	42	03.8	41.7	47.2	41.4	46.7	.080	NW	{ A.M. Fine—light clouds—brisk wind. P.M. Light showers—brisk wind. Evening, Fine and moonlight.
M 21	29.890	29.884	47.8	30.018	30.010	47.7	39	03.2	41.7	45.0	39.4	48.0	.105	NW	{ A.M. Fine—lt. clouds & wind. P.M. Cloudy—brisk wind. Ev. Ovct.—light clouds—brisk wind—light snow. P.M. Fine and starlight.
T 22	30.158	30.150	47.0	30.032	30.026	47.8	36	03.5	39.5	44.7	36.9	46.4	.091	NW	{ A.M. Fine—light clouds—brisk wind—light snow. P.M. Fine and starlight.
W 23	30.124	30.118	49.6	30.130	30.122	45.0	35	04.7	39.5	37.7	34.3	45.2	.094	N	{ Overcast—light wind throughout the day. Evening, Slight rain.
T 24	30.240	30.232	41.6	30.206	30.198	43.4	35	03.5	37.8	43.7	33.6	43.3	.025	N	{ Cloudy—light wind throughout the day. Evening, Overcast.
F 25	30.128	30.120	44.8	29.976	29.968	47.8	39	02.3	44.7	52.3	37.9	45.2		SW	{ A.M. Fine—light clouds and wind—high wind—light rain throughout the night. P.M. Fine—light showers. Evening, Cloudy.
○ 26	29.636	29.630	51.5	29.592	29.584	48.3	40	04.2	44.8	48.2	39.8	53.4	.086	W	{ A.M. Overcast—light wind. P.M. Fine—light clouds and wind. Evening, Very slight rain.
S 27	29.774	29.766	47.6	29.782	29.776	48.0	40	04.4	43.3	50.2	36.0	49.0		W	{ A.M. Overcast—lt. wind. P.M. Cloudy—light wind. Ev. The same.
M 28	29.720	29.712	47.0	29.754	29.746	51.0	43	02.7	50.3	57.7	43.0	50.8		W	{ Cloudy—light wind throughout the day. Evening, The same.
T 29	29.912	29.904	52.3	29.960	29.952	53.3	46	03.8	50.2	56.8	49.2	58.5		W	{ A.M. Overcast—light showers. P.M. Fine—light clouds, with occasional showers. Evening, Overcast.
W 30	29.896	29.888	53.0	29.836	29.828	54.7	48	03.0	50.7	55.7	49.2	57.4	.016	S	{ A.M. Overcast—slight rain—brisk wind. P.M. Overcast—very slight rain. Evening, Overcast—light rain and wind.
T 31	29.780	29.774	51.6	29.592	29.586	53.2	47	02.5	48.8	55.0	45.6	57.4	.069	SSE	
MEAN.	29.893	29.886	49.0	29.872	29.865	50.1	42	03.4	45.6	50.2	41.6	51.5	Sum. 1.777		Mean Barometer corrected { 9 A.M. 3 P.M. F. 29.842 .. 29.819 C. 29.834 .. 29.811
F 1	29.340	29.334	52.8	29.328	29.324	53.0	45	03.9	45.0	44.7	43.4	57.6	.172	S	{ A.M. Cloudy—lt. showers—brisk wind—very high wind throughout the night. P.M. Fine—lt. clouds—hall & rain. Ev. Fine and starlight.
S 2	29.606	29.600	49.9	29.702	29.696	49.8	42	02.9	41.8	43.8	38.0	48.6	.088	NW	{ A.M. Overcast—brisk wind, with showers. P.M. Cloudy—brisk wind. Evening, Fine and starlight.
○ 3	29.836	29.830	53.7	29.916	29.910	46.5	36	04.1	38.4	44.3	34.2	46.5		NW	{ A.M. Cloudy—light brisk wind. P.M. Heavy clouds—brisk wind. Evening, Cloudy—slight rain.
M 4	30.188	30.180	44.2	30.244	30.236	46.0	36	04.5	40.7	44.5	37.0	46.0		NW	{ Cloudy—brisk wind throughout the day. Evening, The same.
T 5	30.392	30.384	50.0	30.334	30.326	46.6	35	05.2	41.7	46.5	36.5	46.7		N	{ A.M. Cloudy—lt. wind. P.M. Fine—lt. clouds. Ev. Fine & starlight.
W 6	30.200	30.194	49.0	30.046	30.038	46.8	36	04.7	42.4	50.0	35.3	47.5		NE	{ Fine—lt. clouds & wind throughout the day. Ev. Fine & starlight.
T 7	29.862	29.854	45.2	29.824	29.816	48.3	42	02.7	43.7	56.3	39.6	52.0		N	{ A.M. Overcast—brisk wind. P.M. Fine—light clouds. Evening, Fine and starlight.
F 8	30.094	30.086	48.0	30.144	30.136	49.7	43	03.4	44.8	51.3	39.4	56.9		NE	{ A.M. Cloudy—light brisk wind. P.M. Fine—nearly cloudless. Evening, Fine and starlight.
S 9	30.358	30.350	52.7	30.332	30.324	47.4	36	05.3	44.2	45.3	37.0	52.7		E	{ A.M. Cloudy—light wind. P.M. Fine—light clouds and wind. Evening, Cloudy.
○ 10	30.388	30.380	43.8	30.318	30.312	46.0	33	03.0	43.2	45.9	37.0	46.6		E	{ A.M. Cloudy—light wind. P.M. Overcast—lt. wind. Ev. Cloudy.
M 11	30.248	30.240	48.9	30.164	30.158	46.8	37	05.1	43.7	46.3	36.7	46.3		NE	{ A.M. Cloudy—brisk wind. P.M. Fine—light clouds & wind, with hail shower. Evening, Overcast.
T 12	30.118	30.112	46.0	30.032	30.024	45.2	33	06.2	42.0	43.3	37.6	46.7	.050	NE	{ A.M. Cloudy—brisk wind. P.M. Overcast—lt. snow. Ev. Overcast.
W 13	29.990	29.982	42.3	29.960	29.954	44.7	36	02.8	39.2	42.7	37.8	44.4		N	{ Cloudy—brisk wind throughout the day—slight rain early. Evening, Overcast—light rain.
T 14	29.932	29.926	42.5	29.954	29.948	45.2	38	02.6	41.2	47.2	37.8	43.6	.063	N	{ A.M. Overcast—light brisk wind. P.M. Overcast—hall and rain—brisk wind. Evening, Overcast.
F 15	30.084	30.076	46.0	30.068	30.060	47.0	39	04.5	44.3	48.4	40.3	47.6		N	{ Cloudy—brisk wind throughout the day. Ev. Fine and moonlight.
S 16	30.144	30.136	50.6	30.124	30.116	46.9	38	04.6	44.6	47.4	39.5	49.0		NE	{ A.M. Cloudy—brisk wind. P.M. Fine—lt. clouds—brisk wind. Ev. Fine and starlight.
○ 17	30.206	30.198	44.0	30.176	30.172	46.0	40	04.0	44.4	46.8	37.8	48.7		NE	{ Overcast—brisk wind throughout the day. Evening, Overcast—very slight rain.
M 18	30.210	30.202	46.9	30.194	30.186	47.6	40	03.6	44.2	47.3	42.0	47.4		N	{ Overcast—light wind throughout the day. Evening, The same.
T 19	30.232	30.224	45.5	30.178	30.170	47.6	40	02.9	42.3	51.3	41.3	47.8		N	{ A.M. Overcast—light wind. P.M. Fine—nearly cloudless. Ev. Fine and starlight.
W 20	30.182	30.176	53.3	30.140	30.132	50.3	43	04.7	49.4	58.7	38.7	51.8		N	{ A.M. Fine—light clouds and wind. P.M. Fine and cloudless. Evening, Fine and starlight.
T 21	30.182	30.176	57.6	30.108	30.100	51.7	44	03.1	46.8	55.7	41.3	59.5		ENE	{ A.M. Cloudy—lt. brisk wind. P.M. Fine—lt. clouds. Ev. Overcast.
F 22	30.022	30.014	50.3	29.944	29.936	53.0	44	02.1	46.8	60.7	45.0	56.5		NE	{ A.M. Overcast—lt. brisk wind. P.M. Fine & cloudless. Ev. Cloudy.
S 23	29.942	29.936	60.0	29.914	29.906	57.0	50	04.3	54.3	67.3	47.0	61.3		NNW	{ Fine—lt. clouds and wind throughout the day. Ev. Fine and moonlight.
○ 24	29.974	29.966	63.0	29.946	29.942	59.0	54	03.8	60.5	61.5	52.0	68.6		N	{ A.M. Fine—light clouds. P.M. at 4 past 2, heavy thunder & forked lightning, with heavy rain. Ev. Fine and starlight.
M 25	30.080	30.072	58.8	30.068	30.060	60.3	54	05.2	57.8	66.5	49.0	69.3	.097	E	{ Fine—lt. clouds & wind throughout the day. Ev. Fine and moonlight.
T 26	30.114	30.108	71.3	30.076	30.068	59.0	52	07.7	56.7	59.3	47.4	67.5		NE	{ Fine—nearly cloudless throughout the day. Ev. Fine and starlight.
W 27	30.048	30.040	67.8	30.012	30.004	57.4	46	08.3	54.3	58.7	44.5	62.3		NE	{ Fine—nearly cloudless—light wind throughout the day. Evening, Fine and starlight.
T 28	30.100	30.092	62.0	30.080	30.072	58.3	48	05.8	54.7	65.2	45.8	59.4		N	{ Fine—lt. clouds & wind throughout the day. Ev. Fine & starlight.
F 29	30.088	30.082	62.3	30.008	30.000	58.8	46	07.6	55.3	63.0	45.7	66.0		NE	{ A.M. Fine—lt. clouds & wind. P.M. Fine & cloudless. Ev. Cloudy.
S 30	29.882	29.876	69.7	29.822	29.814	60.3	51	06.9	57.7	68.7	47.6	64.6		ENE	{ Fine—nearly cloudless—light wind throughout the day. Evening, Fine and starlight.
MEAN.	30.068	30.061	52.6	30.039	30.031	50.7	42	04.5	46.9	52.6	41.1	53.8	Sum. .470		Mean Barometer corrected { 9 A.M. 3 P.M. F. 30.007 .. 29.993 C. 29.999 .. 29.974

METEOROLOGICAL JOURNAL FOR MAY AND JUNE, 1842.

1842.	9 o'clock, A.M.			3 o'clock, P.M.			Day Point at 9 A.M., deg. Fahr.	Diff. of Wet and Dry Bulb Thermometer.	External Thermometers.				Rain in inches. Read off at 9 A.M.	Direction of the Wind at 3 A.M.	REMARKS.	
	Barometer uncorrected.		Att. Ther.	Barometer uncorrected.		Att. Ther.			Fahrenheit.		Self-registering.					
	Flint Glass.	Crown Glass.		Flint Glass.	Crown Glass.				9 A.M.	3 P.M.	Lowest	Highest				
			Sum.													
1	30.002	29.996	70.4	30.004	29.998	61.0	50	08.0	59.3	66.3	47.6	69.6		N	{ Fine—light clouds—brisk wind throughout the day. Evening, Fine and starlight.	
2	30.084	30.076	62.4	30.032	30.024	60.0	50	09.3	57.3	61.3	47.8	67.7		NE	{ Fine and cloudless—brisk wind throughout the day. Evening, Fine and starlight.	
3	29.986	29.978	61.3	29.892	29.884	58.8	43	06.2	50.2	65.4	42.0	62.5		WNW	{ A.M. Fine—light clouds and wind. P.M. Cloudy—light wind. Evening, Overcast—light rain. [starlight.]	
4	29.956	29.948	63.0	29.810	29.802	60.4	49	06.0	53.7	61.2	49.3	66.4	.069	W	{ A.M. Cloudy—lt. wind. P.M. Fine—light clouds & wind. Ev. Fine	
5	29.904	29.896	64.0	29.770	29.762	60.3	50	06.8	56.8	58.2	47.6	62.0		S	{ Cloudy—light wind throughout the day. Ev. Overcast—light rain.	
6	29.438	29.434	64.3	29.414	29.406	60.7	52	05.7	55.3	56.0	50.6	61.8	.122	S	{ Dark heavy clouds, with showers throughout the day. Ev. Overcast.	
7	29.340	29.332	56.8	29.268	29.260	59.0	51	04.8	51.7	60.3	49.0	62.3	.213	S	{ A.M. Overcast—light rain—high wind. P.M. Cloudy—brisk wind. Evening, Overcast.	
8	29.416	29.408	60.2	29.560	29.552	58.3	50	05.5	54.2	56.8	48.4	62.0	.241	Wvar.	{ Dark heavy clouds—brisk wind, with showers throughout the day. Evening, Fine and starlight.	
9	29.948	29.940	61.7	30.020	30.012	57.8	45	06.1	51.3	52.7	46.4	61.6	.130	W	{ Cloudy—light wind, with showers throughout the day. Evening, Thunder and lightning, with rain.	
10	30.218	30.210	63.3	30.160	30.152	57.4	45	06.5	52.0	58.7	41.8	60.5	.061	W	{ Cloudy—light wind throughout the day. Evening, Fine & starlight.	
11	30.006	30.000	66.0	29.910	29.902	58.0	47	07.8	57.3	61.7	46.2	61.0		E	{ Fine and starlight.	
12	29.948	29.942	54.3	29.976	29.968	55.0	47	03.0	46.3	50.3	46.0	64.8	.130	NW	{ Cloudy—light clouds and wind throughout the day. Evening, Cloudy.	
13	30.082	30.074	60.8	30.078	30.070	58.5	48	05.4	54.7	63.7	47.6	57.0	.225	S	{ Overcast—light rain and wind throughout the day. Ev. Overcast.	
14	30.200	30.194	59.3	30.208	30.200	58.7	48	04.3	53.2	63.2	48.4	64.2	.025	S	{ A.M. Cloudy—light wind. P.M. Fine and cloudless. Ev. Cloudy.	
15	30.408	30.400	58.6	30.390	30.384	60.0	54	04.5	55.7	63.5	48.0	64.4		W	{ Overcast—light wind throughout the day. Evening, Overcast.	
16	30.436	30.428	57.8	30.374	30.366	61.3	54	05.2	57.8	65.3	48.7	64.3		E	{ A.M. Cloudy—light wind. P.M. Fine—light clouds and wind. Evening, Overcast.	
17	30.314	30.306	56.6	30.244	30.236	59.8	51	04.3	52.8	57.7	45.7	66.5		N	{ Cloudy—light wind throughout the day. Evening, Fine & starlight.	
18	30.072	30.064	55.5	29.996	29.988	57.4	50	04.0	50.7	56.4	47.8	60.3	.022	N	{ Cloudy—light wind throughout the day. Evening, Fine & moonlight.	
19	29.834	29.828	57.6	29.754	29.748	57.9	48	04.4	53.8	57.5	47.6	57.0		N	{ A.M. Overcast—very fine rain. P.M. Overcast—light wind. Ev. Fine and starlight.	
20	29.706	29.700	63.4	29.704	29.696	59.0	50	06.1	57.0	58.3	47.0	70.3		SE	{ A.M. Cloudy—light wind. P.M. Overcast—slight rain. Evening, Fine and starlight.	
21	29.730	29.722	59.2	29.732	29.726	59.3	49	06.2	56.7	57.7	51.3	62.3		Svar.	{ Cloudy—light wind throughout the day. Evening, The same.	
22	29.798	29.792	60.6	29.756	29.750	60.2	51	06.2	57.8	61.6	49.8	69.0	.022	SE	{ A.M. Cloudy—high wind, with slight showers. P.M. Dark heavy clouds. Evening, Overcast—light showers.	
23	29.854	29.848	66.8	29.886	29.878	61.6	50	06.7	57.2	61.5	51.4	75.3		SE	{ A.M. Cloudy—light wind. P.M. Fine—light clouds and wind. Evening, Cloudy—slight rain—rainbow.	
24	29.882	29.874	57.9	29.818	29.810	60.0	51	04.3	53.3	59.7	52.7	64.6		SSE	{ A.M. Cloudy—light wind. P.M. Fine—light clouds. Ev. Cloudy.	
25	29.904	29.898	60.9	29.896	29.888	60.4	51	05.5	55.7	60.7	47.6	60.0	.261	SE	{ A.M. Overcast—light rain. P.M. Cloudy—light wind. Evening, Fine and moonlight.	
26	29.806	29.800	57.9	29.816	29.810	60.7	52	06.0	56.2	62.8	51.2	61.6	.119	S	{ Cloudy—lt. wind throughout the day. Ev. Overcast—slight rain.	
27	29.980	29.974	63.9	29.984	29.976	63.0	57	06.4	61.3	65.7	52.0	63.8	.102	S	{ Cloudy—brisk wind throughout the day. Ev. Fine and moonlight.	
28	30.050	30.042	60.7	30.076	30.068	62.6	54	05.2	57.5	64.8	54.0	68.4	.066	NW	{ Cloudy—light wind throughout the day. Evening, Overcast.	
29	30.184	30.176	75.8	30.092	30.086	64.5	55	08.0	61.8	66.5	51.2	78.3	.126	S	{ Cloudy—light wind throughout the day—rain in the night. Evening, Fine and starlight.	
30	30.010	30.002	66.3	30.026	30.018	65.0	53	08.6	62.3	68.8	53.7	69.6		NW	{ Fine and cloudless—light wind—rain in the night. Evening, Fine and starlight.	
31	30.192	30.184	75.4	30.174	30.166	66.0	56	07.9	60.7	67.2	53.7	73.0		SSW	{ Fine—light clouds and wind throughout the day. Ev. Overcast.	
MEAN.	29.958	29.951	63.6	29.930	29.922	60.1	50	06.0	55.5	61.0	48.8	64.9	Sum. 1.934	S	{ Fine—light clouds & wind throughout the day. Ev. Fine & starlight.	
												Mean Barometer corrected		9 A.M. 3 P.M. F. 29.868 .. 29.860 C. 29.860 .. 29.841		
W	1	30.284	30.278	76.0	30.206	30.198	66.8	54	08.6	64.5	71.4	53.2	81.5	.019	S.	{ Fine—light clouds and wind throughout the day. Rain during the night. Evening, Fine and starlight.
T	2	30.250	30.242	66.2	30.278	30.270	67.2	60	07.2	64.5	68.8	60.0	72.3		NW	{ A.M. Cloudy—light wind. P.M. Fine—light clouds and wind. Ev. Fine and starlight.
F	3	30.368	30.360	77.3	30.268	30.260	67.5	55	08.4	63.3	71.7	53.0	76.5		E	{ Fine—nearly cloudless throughout the day. Ev. Fine and starlight.
S	4	30.168	30.160	72.9	30.084	30.076	68.6	54	10.7	66.3	75.5	54.0	77.5		NW	{ A.M. Fine—nearly cloudless. P.M. Fine—lt. clouds. Ev. Cloudy.
5	30.018	30.010	69.4	29.934	29.928	71.0	58	09.0	66.4	76.0	59.4	76.0		S	{ Cloudy—light wind throughout the day. Evening, The same.	
6	30.002	29.996	71.6	30.042	30.034	70.7	61	10.0	68.5	73.0	57.4	77.0		N	{ A.M. Fine—light clouds and wind. P.M. Fine and cloudless—light wind. Evening, Fine and starlight.	
7	30.264	30.256	79.0	30.248	30.240	70.8	55	10.0	66.7	71.7	56.4	76.0		E	{ Fine—lt. clouds and wind throughout the day. Ev. Fine & starlight.	
8	30.324	30.318	77.7	30.268	30.260	72.0	63	07.3	66.8	72.2	55.3	72.7		NW	{ Cloudy—light wind throughout the day. Ev. Fine and starlight.	
9	30.314	30.308	82.7	30.218	30.210	71.5	60	07.3	63.4	73.2	54.0	78.3		N	{ A.M. Fine—light clouds and wind. P.M. Fine and cloudless. Evening, Fine and starlight.	
10	30.182	30.174	81.3	30.124	32.116	71.0	61	10.1	66.3	76.5	52.7	74.2		NE	{ Fine and cloudless—stiff breeze throughout the day. Evening, Fine and starlight.	
11	30.254	30.248	82.7	30.226	30.218	72.0	62	06.7	65.2	80.3	53.8	77.4		N	{ Fine & cloudless—lt. breeze throughout the day. Ev. Fine & starlight.	
12	30.362	30.354	80.5	30.334	30.328	73.0	66	07.6	68.3	80.5	56.6	82.2		N	{ Fine—nearly cloudless—light wind throughout the day. Evening, Fine and starlight.	
13	30.358	30.350	75.7	30.264	30.256	73.3	61	07.6	64.8	78.3	58.2	82.4		N	{ Fine and cloudless—light breeze throughout the day. Evening, early part, cloudy, after, fine and starlight.	
14	30.168	30.160	74.9	30.098	30.090	74.0	63	07.9	72.3	80.5	62.6	79.7		E	{ A.M. Cloudy—light breeze. P.M. Fine—light clouds and breeze. Evening, Cloudy—light shower.	
15	30.110	30.102	75.3	30.108	30.100	73.0	63	08.0	66.3	68.3	59.0	82.4	.033	NW	{ A.M. Cloudy—lt. breeze. P.M. Fine—lt. clds. & breeze. Ev. Cloudy.	
16	30.062	30.056	79.3	30.042	30.034	72.3	58	09.7	66.3	70.7	57.2	79.2		NW	{ A.M. Cloudy—stiff breeze. P.M. Fine—light clouds and breeze. Evening, Overcast.	
17	30.132	30.124	71.6	30.130	30.122	69.6	58	08.1	64.0	64.3	56.7	72.7		S	{ A.M. Overcast. P.M. Dark broken clouds. Evening, Cloudy.	
18	30.086	30.078	65.4	30.000	29.992	66.5	56	05.7	59.5	60.0	54.4	68.8		E	{ A.M. Overcast—brisk wind. P.M. The like with lt. rain. Ev. Clidy.	
19	29.806	29.798	64.7	29.730	29.724	67.0	58	05.7	60.3	68.2	54.6	66.8	.069	S	{ A.M. Overcast—heavy rain. P.M. Dark heavy clouds—distant thunder. Ev. Cloudy, with showers, and thunder.	
20	29.788	29.782	66.2	29.746	29.740	68.7	60	07.7	66.2	69.7	56.2	69.7	.263	SE	{ Cloudy—light breeze throughout the day. Evening, The same.	
21	29.696	29.690	71.0	29.674	29.666	69.3	58	07.3	65.8	68.7	59.3	76.3	.077	SSE	{ Cloudy—light breeze with occasional light rain throughout the day. Evening, Cloudy.	
22	29.824	29.818	75.6	29.772	29.766	70.0	59	08.8	65.7	71.0	56.8	83.6	.027	W	{ A.M. Fine—light clouds and breeze. P.M. Cloudy—brisk wind. Evening, Cloudy—light showers. [same.]	
23	29.896	29.890	77.4	29.882	29.874	69.3	58	08.1	62.5	68.7	53.0	78.7	.041	W	{ A.M. Fine—lt. clouds & breeze. P.M. Clidy.—stiff breeze. Ev. The	
24	29.732	29.724	66.3	29.730	29.722	69.6	61	05.8	62.3	68.8	61.0	71.6	.033	S	{ Overcast—light brisk wind, with occasional light rain throughout the day. Evening, Cloudy.	
25	29.864	29.856	68.7	29.746	29.738	68.0	58	07.8	64.7	64.7	57.3	71.3	.033	S	{ A.M. Overcast—stiff breeze. P.M. Overcast—stiff breeze—light rain. Evening, The same.	
26	29.748	29.744	78.6	29.840	29.834	68.0	52	09.1	62.0	67.5	57.0	74.0	.019	NWvar.	{ Fine—lt. clds.—stiff breeze throughout the day. Ev. Fine & starlight.	
27	30.228	30.222	71.2	30.278	30.270	69.3	57	09.7	63.3	69.3	53.3	78.3	.016	NW	{ A.M. Cloudy—brisk wind. P.M. Fine—light clouds—brisk wind. Evening, Fine and starlight. [same.]	
28	30.344	30.340	81.3	30.252	30.244	70.0	55	09.3	65.3	75.5	53.0	83.6		W	{ A.M. Fine & cloudless—lt. breeze. P.M. Fine—lt. clds. Ev. Fine & starlight.	
29	30.154	30.148	79.7	30.078	30.070	70.0	61	08.0	66.5	75.4	57.8	79.8		W	{ A.M. Fine—light clouds and breeze. P.M. Fine—nearly cloudless—light breeze. Ev. Fine and starlight—light clouds.	
30	30.006	30.000	72.3	29.876	29.868	71.0	60	06.1	64.2	67.3	57.0	77.3		N	{ A.M. Overcast—light rain and wind. P.M. Cloudy, with occasional light rain. Evening, Overcast—light rain, with lightning.	
MEAN.	30.093	30.086	74.4	30.049	30.042	70.0	59	08.1	65.1	71.6	58.3	76.6	Sum. .630	S	{ Mean Barometer corrected	
												Mean Barometer corrected		9 A.M. 3 P.M. F. 29.974 .. 29.942 C. 29.966 .. 29.934		

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