

METEOROLOGICAL JOURNAL,

KEPT BY THE ASSISTANT SECRETARY

AT THE APARTMENTS OF THE

ROYAL SOCIETY,

BY ORDER OF

THE PRESIDENT AND COUNCIL.

MDCCCXXIX.

METEOROLOGICAL JOURNAL FOR JANUARY, 1829.

1829. January.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in degrees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
♂ 1	29.854	44.0	29.822	46.8	40	40.8	45.7	37.2	45.7	0.008	WSW	Fine and clear—light brisk wind.
♀ 2	29.860	43.2	29.917	45.1	37	38.7	43.0	36.8	43.0		NNW	Fine—faint haze, and light wind.
♂ 3	29.916	42.8	29.921	43.8	38	38.8	41.5	35.3	41.5		WSW	A.M. Strong haze. P.M. Fine.
⊙ 4	29.578	43.7	29.453	45.7	42	42.2	42.8	37.9	43.7	0.219	WSW	{ A.M. Foggy—rain. P.M. Cloudless —brisk wind.
♂ 5	29.704	40.2	29.814	40.3	34	35.8	36.0	34.4	36.7	0.008	N	Fine and cloudless—light wind.
♂ 6	29.976	35.8	29.973	38.0	31	31.0	35.2	29.3	35.2		N	{ A.M. Cloudless—light wind. P.M. Hazy. Snow at night.
♀ 7	30.011	37.2	29.951	38.6	34	35.4	37.3	30.2	37.3		NNE	A.M. Foggy. P.M. Fine.
♂ 8	29.872	36.7	29.856	37.3	32	33.3	34.7	31.8	34.7		N	Foggy. P.M. Snow.
♀ 9	29.795	37.6	29.707	39.0	33	34.8	36.7	32.5	36.7		N	Foggy—light wind.
♂ 10	29.624	38.7	29.656	39.9	35	36.0	38.3	33.8	38.3		N	Light clouds—foggy.
⊙ 11	29.878	38.3	29.910	37.3	30	30.6	31.3	29.8	32.6		E	Overcast and hazy.
♂ 12	29.989	37.4	29.971	37.8	32	36.7	36.2	29.3	36.7		N	Overcast and hazy.
♂ 13	30.090	37.3	30.076	38.8	32	35.9	37.8	34.0	37.8		E	Overcast and foggy.
♀ 14	30.049	37.7	30.026	38.9	34	34.7	37.3	32.7	37.3		N	{ Lightly overcast and foggy. Snow at noon.
♂ 15	29.924	38.8	29.809	39.7	35	36.3	37.4	34.0	37.4	0.014	NNE	Overcast and foggy.
♀ 16	29.631	37.4	29.609	36.3	25	32.2	30.2	31.0	32.2		NNE	Overcast and foggy.
♂ 17	29.762	33.7	29.807	35.2	21	30.0	32.0	27.3	32.0		N	Overcast and foggy.
⊙ 18	29.967	33.5	29.999	34.7	25	27.8	31.7	25.8	31.7		N	Dense fog—dark.
♂ 19	30.130	32.8	30.117	33.7	25	27.7	33.7	25.7	33.7		N	{ A.M. Very dense fog. P.M. Fine and clear. Evening foggy.
⊙ ♂ 20	30.032	31.3	29.971	33.6	24	27.7	31.4	22.7	31.4		N	{ A.M. Fog and hoar frost. P.M. Fine —strong haze.
♀ 21	29.893	32.7	29.829	32.6	22	28.4	29.3	26.3	29.3		E	Overcast and foggy. Light snow.
♂ 22	29.673	29.7	29.635	30.6	18	25.2	29.5	22.3	29.5		ESE	Fine and cloudless—light wind.
♀ 23	29.547	29.8	29.489	28.7	16	25.3	22.8	23.4	25.3		E	Light clouds and haze. Snow P.M.
♂ 24	29.524	25.5	29.559	28.6	22	22.7	27.7	19.5	27.7		NNW	Overcast and hazy—light wind. Snow.
⊙ 25	29.641	27.6	29.606	28.3	22	22.6	24.4	21.3	33.0		W	A.M. Overcast. P.M. Fine & cloudless.
♂ 26	29.041	30.8	29.100	34.4	35	35.2	43.2	20.7	43.2	0.042	E	A.M. Foggy.
♂ 27	29.113	36.7	29.131	39.7	38	38.3	41.4	34.2	41.4		S	Fine—lightly cloudy.
♀ 28	29.377	37.7	29.517	40.8	35	35.1	41.6	33.4	41.6		SW	{ A.M. Cloudless. P.M. Overcast and hazy.
♂ 29	29.547	37.7	29.473	40.8	34	35.2	40.3	32.7	40.3		NE	Overcast. Strong fog A.M.
♀ 30	29.526	39.4	29.664	42.2	35	34.8	40.4	32.2	40.4		N	Lightly overcast. Fine at noon.
♂ 31	30.141	40.3	30.230	38.7	37	37.4	38.7	34.1	38.7		N	Cloudy—light wind.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.763	36.3	29.761	37.6	30.7	33.1	35.8	30.1	36.3	0.291		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.755 29.750 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... = 83 feet 2½ in.

..... above the mean level of the Sea (presumed about) = 95 feet.

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

Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

METEOROLOGICAL JOURNAL FOR FEBRUARY, 1829.

1829. February.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in degrees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☉ 1	30.449	36.3	30.474	38.3	24	32.3	35.7	29.3	35.7		N	Lightly cloudy—light wind.
☽ 2	30.575	33.3	30.565	35.8	22	25.7	33.4	23.2	33.4		ESE	Fine and cloudless.
♂ 3	30.593	32.4	30.566	35.3	24	27.0	34.8	23.9	34.8		S	{ A.M. Fog and hoar frost. P.M. Fine and cloudless.
☿ 4	30.417	34.8	30.321	36.7	32	34.4	38.3	25.7	43.6		SSW	Foggy—rain.
♃ 5	30.145	39.7	30.230	42.8	44	44.5	43.7	33.6	44.5	0.125	NNW	Cloudy—light wind.
♀ 6	30.341	42.7	30.285	45.7	39	39.0	43.7	37.5	43.7		W	Foggy. P.M. Very light rain.
♁ 7	30.163	44.7	30.129	46.7	42	42.8	46.3	38.3	46.3		W	Overcast and foggy.
☉ 8	30.312	44.2	30.381	43.8	41	41.3	39.4	40.1	41.3		N	Overcast. Foggy A.M.
☽ 9	30.325	42.2	30.290	44.4	34	39.2	43.5	34.0	43.5		W	{ A.M. Foggy. P.M. Fine—cloudy—light wind.
♂ 10	30.426	42.5	30.428	42.2	35	37.6	38.8	36.5	41.0		E	Overcast.
☿ 11	30.339	43.7	30.300	46.2	42	42.3	47.3	36.7	47.3		SW	Overcast and foggy—light rain.
♃ 12	30.273	46.2	30.221	48.2	42	42.8	45.8	41.2	46.3	0.050	S	Overcast and foggy—light rain.
♀ 13	30.181	49.6	30.163	50.5	45	45.3	47.8	41.8	47.8	0.014	W	A.M. Foggy. P.M. Fine—light wind.
♁ 14	30.175	47.7	30.149	50.4	40	43.7	48.3	42.1	48.3		W	Lightly cloudy—hazy.
☉ 15	30.108	48.3	30.086	51.3	45	45.3	49.4	43.3	49.7		WSW	{ A.M. Fine. P.M. Foggy—very light rain.
☽ 16	30.026	49.3	29.949	51.8	44	46.8	50.4	44.5	50.8	0.008	SW	Fine—lightly overcast.
♂ 17	29.801	47.7	29.834	50.3	42	42.7	47.7	40.2	47.7		WSW	Lightly overcast and hazy.
☿ 18	29.886	46.3	29.860	46.8	38	38.3	37.5	36.0	38.7		SE	A.M. Fine & cloudless. P.M. Overcast.
♃ 19	29.646	43.7	29.569	47.7	37	39.6	49.4	35.3	49.4		ESE	Fine—lightly cloudy.
♀ 20	29.641	48.3	29.620	50.3	44	44.9	49.6	38.8	49.6		SSW	Fine—cloudy.
♁ 21	29.198	48.8	29.122	51.3	47	47.5	50.7	42.7	50.7		SSE	Cloudy—light rain.
☉ 22	29.147	48.8	29.244	49.4	46	46.3	43.6	43.7	46.3	0.156	WNW	Overcast and foggy.
☽ 23	29.529	43.8	29.525	45.8	28	37.4	39.3	36.3	39.3		E	{ A.M. Cloudy. P.M. Fine and clear. Light wind.
♂ 24	29.434	41.5	29.448	43.2	35	35.7	39.7	32.5	39.7		E	Overcast and foggy.
☿ 25	29.905	41.3	29.998	44.3	35	38.3	41.2	34.8	41.3		ESE	Overcast and foggy.
♃ 26	30.098	42.8	30.028	43.9	39	39.3	40.3	35.7	41.3		ESE	Overcast and foggy. P.M. Rain.
♀ 27	30.118	45.3	30.221	46.3	41	41.7	41.6	38.4	41.7	0.389	NNE	Overcast and foggy—light wind.
♁ 28	30.385	42.7	30.335	44.0	29	34.8	39.2	32.3	39.2		ESE	Fine and cloudless—light wind.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	30.058	43.5	30.048	45.5	37.7	39.9	43.1	36.4	43.7	0.742		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 30.032 } { 3 P.M. 30.018 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... = 83 feet 2½ in.
above the mean level of the Sea (presumed about) = 95 feet.
 The External Thermometer is 2 feet higher than the Barometer Cistern.
 Height of the Receiver of the Rain Gauge above the Court of Somerset House..... = 79 feet 0 in.
 The hours of observation are of Mean Time, the day beginning at Midnight.
 The Thermometers are graduated by Fahrenheit's Scale.
 The Barometer is divided into inches and decimals.

METEOROLOGICAL JOURNAL FOR MARCH, 1829.

1829. March.	9 o'clock, A.M.		3 o'clock P.M.		Dew Point at 9 A.M. in degrees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☉ 1	30.173	36.3	30.131	38.7	32	32.7	33.3	27.0	34.7		E	A.M. Fine—light wind. P.M. Overcast.
☽ 2	30.173	36.9	30.204	38.6	33	35.0	36.7	31.2	35.7		ENE	Overcast and foggy.
♂ 3	30.338	37.7	30.331	39.3	35	35.6	37.2	32.8	40.3		NNE	Overcast and foggy.
♀ 4	30.167	40.7	30.133	42.8	41	41.1	41.9	34.7	42.3		NNE	Cloudy—light wind.
☉ 5	30.215	39.3	30.156	42.6	36	36.8	42.7	32.3	42.7		ENE	{ A.M. Foggy. P.M. Fine—lightly cloudy. Light wind.
♀ 6	30.090	43.6	30.081	46.0	41	41.6	43.5	36.2	44.6		N	Overcast and foggy.
♂ 7	29.987	43.7	29.981	46.7	41	41.0	45.7	38.7	45.7		N	Overcast and foggy—light wind.
☉ 8	29.993	45.7	29.980	47.8	44	45.4	46.0	40.3	46.0		NNE	Cloudy and foggy. Light rain A.M.
☽ 9	29.883	45.2	29.832	47.6	41	41.7	48.3	40.2	48.3	0.036	W	Lightly cloudy and foggy.
♂ 10	29.872	44.4	29.859	47.3	36	40.0	45.0	37.0	45.0		N	{ A.M. Cloudless. P.M. Cloudy—light wind.
♀ 11	29.850	42.9	29.804	45.2	36	38.7	42.3	32.5	42.3		NNE	Overcast and hazy—light wind.
♂ 12	29.763	41.7	29.703	44.7	32	37.8	39.9	33.7	41.3		NE	{ A.M. Overcast. P.M. Fine and clear. Light wind.
♀ 13	29.644	42.3	29.703	45.0	38	38.7	43.5	34.6	43.5		NNE	Lightly cloudy—brisk wind.
♂ 14	29.873	41.8	29.867	44.3	24	37.6	41.3	34.3	41.3		NNW	A.M. Fine. P.M. Overcast—light wind.
☉ 15	29.916	39.4	29.892	41.2	27	33.7	39.8	26.8	39.8		WSW	Fine—light clouds and haze.
☽ 16	29.775	37.8	29.662	41.7	29	34.6	40.3	27.8	40.3		E	Clear and cloudless—light wind.
♂ 17	29.497	38.7	29.476	42.8	29	37.7	46.5	28.7	46.5		S	Fine—lightly cloudy.
♀ 18	29.710	40.7	29.721	47.3	41	41.4	51.3	33.0	52.4		SSE	{ Lightly overcast and foggy. Fine at noon.
♂ 19	29.657	48.7	29.573	53.9	43	51.4	58.3	40.6	58.4	0.014	SSE	{ Fine—light clouds—brisk wind. Light rain early A.M.
☉ 20	29.668	55.2	29.796	57.4	51	53.4	57.6	50.2	58.6		SW	Fine and clear—light brisk wind.
♂ 21	30.114	54.3	30.094	57.3	44	49.8	55.3	45.7	55.4		E	Lightly cloudy—light wind.
☉ 22	29.917	49.6	29.825	53.7	45	45.3	48.6	38.4	51.7		ENE	Fine—lightly cloudy—light wind.
☽ 23	29.817	51.0	29.884	52.7	41	47.6	47.1	42.8	49.4		E	Fine—light clouds—brisk wind.
♂ 24	29.912	46.6	29.876	48.6	32	40.3	44.7	37.5	44.7		NNE	Fine and clear—light wind.
♀ 25	29.939	41.1	29.910	45.3	30	36.8	45.7	27.6	45.7		ENE	Fine and cloudless—light brisk wind.
♂ 26	29.983	44.3	29.965	47.2	31	42.2	45.7	34.8	45.7		NNE	Lightly cloudy.
♀ 27	29.952	46.8	29.872	48.9	28	42.0	45.7	37.7	45.7		ESE	Clear and cloudless.
♂ 28	29.660	44.3	29.531	48.7	39	42.9	50.7	33.6	50.7		E	Fine and cloudless—light wind.
☉ 29	29.290	46.6	29.279	47.8	44	44.5	46.3	41.6	46.3	0.542	NNE	{ Thickly overcast and foggy. Heavy rain at 1 A.M. and afterwards.
☽ 30	29.231	46.3	29.202	48.6	42	42.8	46.7	39.8	47.2		NNE	Overcast and foggy.
♂ 31	29.221	46.0	29.230	48.0	41	41.7	44.3	39.7	44.3		NE	Overcast—light wind.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.848	43.9	29.823	46.7	37.0	41.0	45.2	35.9	45.7	0.592		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.821 29.790 }

OBSERVANDA.

- Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge = 83 feet 2½ in.
- above the mean level of the Sea (presumed about) = 95 feet.
- The External Thermometer is 2 feet higher than the Barometer Cistern.
- Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet 0 in.
- The hours of observation are of Mean Time, the day beginning at Midnight.
- The Thermometers are graduated by Fahrenheit's Scale.
- The Barometer is divided into inches and decimals.

METEOROLOGICAL JOURNAL FOR APRIL, 1829.

1829. April.	9 o'clock, A.M.		3 o'clock P.M.		Dew Point at 9 A.M. in degrees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☽ 1	29.416	44.3	29.426	47.5	31	39.8	45.3	34.7	45.8		NNW	Lightly cloudy.
♃ 2	29.507	41.9	29.547	45.7	32	36.4	43.6	30.7	45.7	0.047	NW	Fine—cloudy. Light snow at 7 A.M.
♀ 3	29.678	44.2	29.699	48.4	31	39.6	48.3	31.8	48.3		NW	Fine—light clouds.
♁ 4	29.700	48.3	29.609	51.7	41	47.8	51.3	36.8	52.3		S	{ A.M. Clear. P.M. Soft clouds. Evening rainy. Light wind.
☉ 5	29.375	50.7	29.280	53.6	44	49.0	52.7	43.8	53.6	0.034	SSE	{ Fine and clear—light broken clouds. Brisk wind.
♃ 6	29.179	52.0	29.121	54.8	45	50.3	51.7	44.2	53.8		S	Soft broken clouds. Evening rainy.
♂ 7	29.161	49.6	29.203	52.3	44	44.8	50.3	41.6	51.2	0.161	SW	{ A.M. Thickly overcast. P.M. Fine and clear. Evening rainy.
♀ 8	29.418	49.0	29.411	52.5	43	46.0	49.2	37.6	51.2	0.056	S	Lightly cloudy—showery.
♃ 9	29.206	47.8	29.222	50.3	43	43.1	46.2	37.5	47.2	0.367	ESE	Cloudy and foggy. Rain A.M.
♀ 10	29.450	52.6	29.476	55.3	43	48.5	52.0	39.8	53.3	0.172	WSW	Fine—lightly cloudy.
♁ 11	29.632	52.6	29.593	55.7	40	47.8	53.7	38.8	56.1		SW	Fine—lightly overcast. Rain at night.
☉ 12	29.237	53.3	29.211	57.3	51	51.8	56.8	47.3	57.6	0.158	S	{ Brisk wind. A.M. Lowering. P.M. Clear. Evening rainy.
♃ 13	29.143	56.7	29.159	55.6	48	54.4	51.3	48.5	55.3	0.055	SSW	A.M. Fine—brisk wind. P.M. Rain.
♂ 14	29.291	55.3	29.096	57.2	46	51.7	54.1	42.7	57.3	0.136	SSE	{ A.M. Fine. P.M. Rain. Evening heavy rain and brisk wind.
♀ 15	29.137	56.4	29.246	56.6	43	50.5	54.0	47.4	54.4	0.217	S var.	{ Strong wind A.M. Lowering. P.M. Fine. At noon heavy rain and boisterous wind.
♃ 16	29.231	52.3	29.281	52.5	47	47.3	47.6	44.7	49.7	0.033	NNE	Overcast and foggy—rain.
♀ 17	29.636	53.7	29.706	55.2	49	49.7	54.2	39.4	56.3	0.152	WSW	Fine—soft clouds. Evening showery.
♁ 18	29.834	54.3	29.815	56.3	45	51.8	55.7	44.8	59.2	0.028	WSW	Fine—light clouds and wind.
☉ 19	29.699	55.3	29.636	56.3	42	51.2	51.3	42.3	59.3		WSW	{ A.M. Fine. P.M. Lowering—rain—strong wind.
♃ 20	29.742	51.3	29.820	54.6	40	47.7	53.0	39.7	53.3	0.130	NW	Cloudy.
♂ 21	29.840	51.7	29.691	54.7	41	50.7	53.5	39.3	56.4		ESE	A.M. Cloudy. P.M. Clear—brisk wind.
♀ 22	29.430	51.3	29.474	51.9	47	47.4	47.6	45.9	47.7		E	Overcast—light rain—brisk wind.
♃ 23	29.692	51.2	29.725	55.2	43	48.3	56.6	44.4	56.7	0.033	E	A.M. Overcast. P.M. Fine.
♀ 24	29.742	51.1	29.792	52.8	48	48.3	48.7	44.7	50.0		NW	Cloudy.
♁ 25	29.792	49.7	29.896	47.2	46	45.8	40.3	43.5	46.7	0.200	N	Rain—light wind.
☉ 26	30.118	50.2	30.088	51.7	35	46.8	50.5	35.4	51.4	0.213	E	Fine—lightly cloudy.
♃ 27	29.775	48.5	29.585	50.8	39	45.3	51.0	39.5	51.7		SSW	A.M. Fine. P.M. Showery.
♂ 28	29.675	49.4	29.315	50.7	38	44.7	50.7	39.5	52.3	0.094	WSW	{ A.M. Overcast. P.M. Fine and clear—violent wind.
♀ 29	29.687	47.6	29.757	49.4	29	43.7	43.7	37.8	46.3		W	A.M. Fine—brisk wind. P.M. Overcast.
♃ 30	29.906	44.7	29.873	48.7	27	44.7	45.8	34.2	52.2		NNW	Cloudy.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.545	50.6	29.525	52.7	41.4	47.2	50.4	40.6	52.4	2.286		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 29.502 3 P.M. 29.477 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... =83 feet 2½ in.

..... above the mean level of the Sea (presumed about) =95 feet.

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

Height of the Receiver of the Rain Gauge above the Court of Somerset House =79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

METEOROLOGICAL JOURNAL FOR MAY, 1829.

1829. May.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in degrees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
♀ 1	29.641	49.9	29.654	53.9	47	52.7	56.7	44.3	57.3		NNE	Fine—lightly cloudy—light wind.
♂ 2	29.690	56.7	29.678	57.7	45	56.5	58.8	46.8	61.3		WSW	Fine and clear—lightly cloudy.
☉ 3	29.702	56.3	29.610	58.8	50	55.0	57.6	47.8	59.4		WSW	{ Soft broken clouds—light wind. Even- ing rainy.
☽ 4	29.822	58.3	29.921	59.4	37	52.8	59.7	46.3	61.2	0.019	NNW	Fine and clear—light clouds.
♂ 5	30.044	59.0	30.029	59.0	46	56.6	58.6	45.3	60.3		S	Fine—diffused clouds. Strong wind.
♀ 6	29.962	57.6	29.973	61.8	55	54.7	62.3	53.6	62.7		WSW	{ Overcast—broken clouds. Light de- position A.M.
♂ 7	30.007	58.7	29.992	60.7	51	55.3	58.3	44.4	59.7		W	{ A.M. Lowering. P.M. Fine—nearly cloudless.
♀ 8	30.185	61.8	30.161	62.7	53	58.7	63.6	45.3	64.6		E	Fine—cloudy.
♂ 9	30.163	60.7	30.114	63.3	49	57.7	63.5	48.4	64.4		NW	Fine—light clouds.
☉ 10	30.092	64.3	30.052	65.4	52	60.6	66.5	49.7	69.2		W	Clear and cloudless—light breeze.
☽ 11	30.067	65.7	30.011	65.3	52	60.0	62.3	51.5	62.8		ESE	Fine—diffused clouds—light wind.
♂ 12	29.978	65.7	29.941	65.8	51	61.3	61.7	52.5	65.2		E	Fine and clear—light brisk wind.
♀ 13	29.978	65.6	29.954	64.7	50	61.3	63.7	46.8	64.6		ESE	Clear and cloudless—light wind.
♂ 14	29.990	63.4	29.933	65.7	51	58.5	68.7	49.6	69.7		W	Fine and clear—light clouds.
♀ 15	30.001	68.2	29.982	67.6	47	62.7	69.5	51.7	70.3		NNW	Fine—light clouds.
♂ 16	30.094	61.0	30.095	64.3	55	55.7	60.4	52.4	61.0	0.097	E	A.M. Overcast. P.M. Fine.
☉ 17	30.171	66.4	30.137	65.7	51	60.8	64.8	47.7	65.4		E	Fine and cloudless—light wind.
☽ 18	30.081	65.7	30.018	64.5	49	61.7	62.7	46.2	63.7		ESE	Fine and cloudless—light wind.
♂ 19	29.925	66.7	29.908	65.5	54	62.3	65.3	47.6	66.7		E	Clear and cloudless—light breeze.
♀ 20	29.961	65.3	29.957	66.3	49	62.3	69.0	50.5	69.8		E	Clear and cloudless—brisk wind.
♂ 21	30.117	69.7	30.091	68.3	50	64.2	68.6	51.3	70.6		NE	{ Fine and clear—light clouds—brisk wind.
♀ 22	30.163	62.7	30.135	65.8	47	55.5	67.9	44.7	69.3		N	Fine and clear—light clouds and wind.
♂ 23	30.232	69.0	30.185	69.0	54	62.8	72.9	49.4	74.7		NNE	Fine—light clouds.
☉ 24	30.220	74.2	30.184	68.7	52	65.7	60.0	52.3	68.8		W	{ A.M. Broken clouds. P.M. Rain. Evening Fine.
☽ 25	30.409	62.3	30.414	62.3	46	53.4	57.6	46.6	58.2	0.197	NNE	Lightly cloudy—brisk wind.
♂ 26	30.395	58.8	30.327	62.8	44	54.0	63.7	46.9	64.2		NNE	{ Brisk wind. A.M. Cloudy. P.M. Cloudless.
♀ 27	30.292	64.7	30.248	64.2	49	59.6	66.8	46.7	67.7		N	Clear and cloudless—brisk wind.
♂ 28	30.219	66.3	30.169	66.2	53	62.3	69.3	48.8	69.7		NNE	Clear and cloudless—light brisk wind.
♀ 29	30.191	61.7	30.201	65.7	53	57.5	64.0	49.4	65.2		N	Cloudy—brisk wind.
♂ 30	30.189	59.7	30.183	62.8	44	56.3	57.5	49.6	59.4		N	Interfused clouds—light wind.
☉ 31	30.212	62.7	30.163	63.8	46	56.0	63.0	46.2	64.2		W	Lightly overcast.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	30.071	62.9	30.046	63.8	49.4	58.5	63.4	48.4	64.9	0.313		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.995 29.968 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge = 83 feet 2½ in.

..... above the mean level of the Sea (presumed about)..... = 95 feet.

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

Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet 0 in.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

METEOROLOGICAL JOURNAL FOR JUNE, 1829.

1829. June.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in degrees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☉ 1	30.246	60.3	30.273	64.8	51	58.3	61.7	51.7	65.0		NNW	Cloudy—light wind.
♂ 2	30.329	69.6	30.280	67.8	51	64.7	71.6	50.4	72.3		NW	Fine—light clouds and wind.
♀ 3	30.236	69.3	30.175	71.3	58	71.3	77.1	60.2	77.8		WNW	Fine—light clouds. Rain at night.
♂ 4	30.152	74.2	30.075	72.3	50	66.8	71.7	60.6	73.2	0.011	NW	Fine—light clouds.
♀ 5	30.034	73.3	30.063	69.8	45	62.3	64.8	55.5	65.8		NNW	Fine and clear—light clouds and wind.
♂ 6	30.263	69.6	30.250	64.6	37	55.5	56.5	45.0	58.8		NNE	Fine and clear—cloudy—light wind.
☉ 7	30.350	65.9	30.352	59.6	40	52.9	56.9	41.1	58.2		NNE	Fine & clear—light clouds—light wind.
☽ 8	30.333	59.5	30.336	62.1	51	55.9	58.9	49.1	61.3		NW	{ A.M. Thickly overcast—light rain. P.M. Fine.
♂ 9	30.337	57.8	30.307	62.3	48	54.5	61.7	45.9	62.6	0.016	NNE	Fine and clear—light wind.
♀ 10	30.394	63.7	30.368	64.2	47	60.3	65.7	46.3	66.8		N	Fine and clear—light wind.
♂ 11	30.426	62.3	30.355	63.8	47	55.3	66.2	46.8	68.5		E	{ Fine and clear—lightly cloudy—light wind.
♀ 12	30.355	62.2	30.308	65.4	54	58.7	69.0	51.4	69.8		ESE	Fine—light clouds.
♂ 13	30.341	73.6	30.234	69.5	55	69.2	74.6	53.7	76.6		SW	Fine—light clouds.
☉ 14	30.248	70.3	30.175	71.3	60	68.6	76.5	58.7	78.3		SW	Fine and clear—light clouds.
☽ 15	30.115	67.9	30.045	71.0	55	65.3	72.7	56.3	74.2		WSW	{ A.M. High clouds. P.M. Clear and cloudless.
♂ 16	29.860	71.5	29.860	67.3	50	60.4	59.7	56.3	65.3		NW	Cloudy. Rain at noon.
☉ 17	29.883	72.8	29.834	69.8	47	63.8	65.3	48.7	68.7	0.019	W	Fine and clear. Rain at night.
♂ 18	29.912	67.0	29.973	67.3	47	58.7	61.5	52.1	65.2	0.111	NNW	{ Clear—cloudy—light wind. Thunder P.M.
♀ 19	30.064	70.7	30.010	68.8	48	62.9	67.3	53.0	70.5		SW	Fine—lightly cloudy.
♂ 20	29.906	74.7	29.828	69.7	48	69.8	69.8	55.3	71.2		SE	{ Fine and clear—light clouds and wind. Rain at night.
☉ 21	29.807	74.5	29.822	72.0	53	67.5	69.2	60.3	70.7	0.114	SE	Fine—interfused clouds—light breeze.
☽ 22	29.829	67.5	29.812	68.5	57	62.7	64.7	58.3	71.3	0.111	SE	Lowering—frequent showers.
♂ 23	29.945	75.2	29.963	72.3	55	69.7	72.7	57.3	74.3	0.047	S	{ Fine—light diffused clouds. Rain at night.
♀ 24	30.070	77.9	30.072	74.3	59	72.5	72.4	61.7	74.6	0.350	S	Fine—very clear—light wind.
♂ 25	30.104	76.9	30.017	75.7	56	72.3	71.3	58.2	74.7		ESE	{ A.M. Cloudless—light wind. P.M. Broken clouds.
♀ 26	29.963	75.1	29.910	74.8	59	69.5	71.8	60.6	74.6		W	{ Fine and clear—light clouds. Even- ing rainy.
♂ 27	29.654	70.8	29.545	74.0	60	66.4	70.4	60.3	73.3	0.153	SSE	Cloudy—light showers.
☉ 28	29.454	70.5	29.490	72.8	62	66.7	70.4	61.5	72.3	0.156	SSE	{ Interfused clouds—light wind. Thun- der P.M. Rain at night.
☽ 29	29.680	65.5	29.739	66.9	58	57.7	59.0	55.4	63.7	0.305	NNW	Cloudy and foggy—light rain.
♂ 30	29.766	66.8	29.750	70.2	53	63.7	67.3	52.6	69.3	0.008	WSW	A.M. Fine. P.M. Cloudy—rain.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	30.069	69.2	30.041	68.8	52.0	63.5	67.3	54.1	69.6	1.401		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.978 29.950 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge = 83 feet 2½ in.

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The President and Council of the Royal Society have directed that the disposable copies which remain of the volumes of the Philosophical Transactions, prior to 1816, should be sold at one-third of the prices affixed at the time of publication. The undermentioned Parts, at the annexed prices, may accordingly be obtained at the Society's Apartments:—

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