

METEOROLOGICAL JOURNAL,

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AT THE APARTMENTS OF THE

R O Y A L S O C I E T Y,

BY ORDER OF

THE PRESIDENT AND COUNCIL.

MDCCCXXVIII.

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| 1828. January. | 9 o'clock, A.M. | | 3 o'clock, P.M. | | Dew Point at 9 A.M. in de- grees 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 | 29.531 | 44.7 | 29.379 | 45.8 | 45 | 45.8 | 46.6 | 38.2 | 46.6 | 0.044 | SE | Overcast and foggy. Showery. |
| ○ ♀ 2 | 29.893 | 43.0 | 29.740 | 43.7 | 38 | 37.7 | 43.2 | 36.0 | 49.2 | 0.522 | WSW | Overcast. Showery. |
| ♂ 3 | 29.439 | 46.7 | 29.582 | 47.7 | 45 | 45.4 | 43.8 | 37.2 | 46.8 | 0.128 | WSW | Fine and cloudless. Showery. |
| ♀ 4 | 29.853 | 42.3 | 29.656 | 44.8 | 37 | 37.1 | 39.6 | 34.3 | 42.3 | | WSW | { A.M. Fine—light clouds. P.M. Heavy rain—brisk wind. |
| h 5 | 29.625 | 40.7 | 29.615 | 41.3 | 35 | 35.0 | 35.7 | 32.6 | 35.8 | 0.283 | SW | Cloudy—continued snow, with rain. |
| ○ 6 | 29.702 | 40.2 | 29.796 | 40.7 | 36 | 36.3 | 37.0 | 34.4 | 37.7 | 0.261 | ESE | Lightly overcast—foggy. |
| ▷ 7 | 29.963 | 39.3 | 29.923 | 39.3 | 34 | 35.3 | 35.0 | 32.6 | 35.3 | | ESE | Overcast and hazy. |
| ♂ 8 | 29.868 | 37.3 | 29.899 | 38.7 | 27 | 34.3 | 36.8 | 32.7 | 36.8 | | E | Overcast and hazy. |
| ♀ 9 | 30.004 | 36.7 | 29.950 | 36.6 | 30 | 33.2 | 32.1 | 32.1 | 32.3 | | NNE | Hazy. A.M. Overcast. P.M. Cloudless. |
| ♂ 10 | 29.710 | 34.6 | 29.628 | 36.2 | 27 | 30.2 | 31.9 | 28.2 | 31.9 | | SSW | { Overcast and foggy. Light fall of snow at night. |
| ♀ 11 | 29.523 | 34.2 | 29.525 | 36.2 | 30 | 30.6 | 34.9 | 28.0 | 40.7 | | N var. | Overcast. Showery. |
| h 12 | 29.763 | 37.6 | 29.719 | 39.3 | 37 | 37.6 | 42.7 | 29.8 | 46.2 | 0.230 | SW | { Strong fog. Violent wind, with rain in the night. |
| ○ 13 | 29.149 | 43.4 | 29.278 | 44.4 | 47 | 46.6 | 45.8 | 36.8 | 46.6 | 0.569 | SSW | Lowering. Strong wind, with rain. |
| ▷ 14 | 29.564 | 43.3 | 29.543 | 44.3 | 41 | 40.7 | 41.3 | 39.8 | 41.8 | 0.069 | SW | Overcast and foggy. Evening showery. |
| ♂ 15 | 29.721 | 41.3 | 29.790 | 41.7 | 36 | 36.4 | 36.2 | 35.2 | 36.4 | 0.242 | N | Overcast & hazy. Snow in the evening. |
| ♀ 16 | 29.547 | 39.3 | 29.806 | 40.2 | 36 | 36.3 | 38.2 | 32.7 | 43.2 | 0.472 | E | Overcast and foggy. |
| ♂ 17 | 29.922 | 41.2 | 29.944 | 43.8 | 44 | 44.0 | 47.8 | 35.4 | 50.0 | 0.208 | ESE | Overcast and foggy. Rain. |
| ♀ 18 | 30.124 | 47.8 | 30.177 | 51.0 | 51 | 50.6 | 53.7 | 43.3 | 54.5 | 0.128 | S | Overcast and foggy. |
| h 19 | 30.263 | 49.8 | 30.244 | 52.8 | 46 | 47.7 | 52.8 | 45.8 | 53.8 | 0.005 | SSW | Fine and cloudless—hazy. |
| ○ 20 | 30.303 | 51.3 | 30.295 | 51.9 | 50 | 50.3 | 51.2 | 46.4 | 51.2 | | SW | { A.M. Cloudy. P.M. Fine and nearly cloudless. |
| ▷ 21 | 30.274 | 48.8 | 30.235 | 50.8 | 43 | 43.0 | 49.3 | 41.7 | 49.3 | | SW | { A.M. Lightly overcast. P.M. Clear and cloudless. |
| ♂ 22 | 30.113 | 50.0 | 30.149 | 52.5 | 49 | 49.2 | 52.7 | 42.3 | 53.4 | | SSW | Fine—light clouds. |
| ♀ 23 | 30.267 | 49.4 | 30.282 | 51.8 | 47 | 46.8 | 51.2 | 43.2 | 51.2 | | WSW | { A.M. Dull—dissolving clouds. P.M. Clear and cloudless. |
| ♂ 24 | 30.367 | 49.4 | 30.334 | 51.7 | 46 | 46.6 | 50.8 | 43.3 | 50.8 | | SW | Overcast and hazy. |
| ♀ 25 | 30.206 | 51.8 | 30.127 | 52.8 | 50 | 49.7 | 51.2 | 46.1 | 51.5 | | S | Lowering—light haze. |
| h 26 | 30.261 | 49.2 | 30.321 | 51.3 | 43 | 42.7 | 48.3 | 41.2 | 48.3 | 0.018 | W | Fine and cloudless—light haze. |
| ○ 27 | 30.398 | 48.6 | 30.409 | 51.6 | 44 | 44.4 | 50.0 | 41.9 | 50.0 | | WSW | { A.M. Fine and nearly cloudless. P.M. Dull—hazy. |
| ▷ 28 | 30.432 | 45.8 | 30.374 | 47.1 | 39 | 39.2 | 41.1 | 36.7 | 42.8 | | WSW | Overcast and foggy. |
| ♂ 29 | 30.215 | 46.6 | 30.174 | 48.0 | 43 | 43.7 | 45.2 | 38.5 | 45.3 | | S | A.M. Foggy. P.M. Fine and cloudless. |
| ♀ 30 | 30.100 | 45.7 | 30.055 | 47.7 | 43 | 42.7 | 45.3 | 38.8 | 45.3 | | SSW | Fine—hazy. |
| ♂ 31 | 30.002 | 45.7 | 29.968 | 47.8 | 43 | 42.8 | 47.8 | 38.2 | 49.0 | | SSE | Overcast. Rain. |
| | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Sum | | |
| | 29.939 | 44.1 | 29.933 | 45.6 | 40.7 | 41.4 | 43.8 | 37.5 | 45.0 | 3.159 | | |

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.912 29.902 }

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.

| 1828. February. | 9 o'clock, A.M. | | 3 o'clock, P.M. | | Dew Point at 9 A.M. in de- grees 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 | 29.942 | 49.8 | 30.057 | 53.3 | 49 | 49.8 | 50.8 | 43.4 | 52.2 | 0.139 | SSW | { A.M. Lowering and showery. P.M. { Fine—lightly overcast. |
| h 2 | 30.124 | 49.9 | 30.103 | 51.2 | 47 | 46.8 | 48.0 | 45.2 | 48.0 | | SW | Lightly overcast—hazy. |
| ○ 3 | 30.439 | 46.8 | 30.477 | 48.3 | 37 | 39.2 | 45.2 | 37.7 | 46.7 | | W | Fine and cloudless—hazy. |
| ▷ 4 | 30.250 | 47.3 | 30.263 | 49.9 | 47 | 47.4 | 51.2 | 38.3 | 51.2 | 0.019 | WSW | Lightly overcast—hazy. |
| ♂ 5 | 30.192 | 49.7 | 30.140 | 51.6 | 48 | 48.6 | 51.3 | 46.8 | 51.3 | | SW | Lowering. |
| ♀ 6 | 30.054 | 50.6 | 30.010 | 52.3 | 48 | 48.7 | 52.8 | 47.2 | 52.8 | 0.012 | SW | Cloudy. |
| ⌞ 7 | 29.944 | 50.4 | 29.901 | 52.6 | 45 | 45.2 | 49.2 | 44.5 | 49.8 | | SW | Foggy—rain. |
| ♀ 8 | 29.911 | 49.3 | 29.831 | 47.3 | 41 | 42.3 | 45.3 | 41.2 | 45.8 | 0.097 | N | { A.M. Cloudless. P.M. Lightly over- cast. |
| h 9 | 29.660 | 45.8 | 29.681 | 46.2 | 41 | 45.4 | 40.3 | 39.3 | 40.3 | 0.039 | N | Overcast—rain. |
| ○ 10 | 29.812 | 42.7 | 29.772 | 43.6 | 36 | 36.2 | 36.9 | 34.4 | 36.9 | 0.059 | N | Lowering. |
| ▷ 11 | 29.454 | 38.2 | 29.602 | 40.6 | 32 | 33.2 | 33.2 | 30.2 | 34.2 | | NNE | Continued fall of snow. |
| ♂ 12 | 29.955 | 35.8 | 29.983 | 37.2 | 30 | 30.8 | 31.7 | 29.0 | 31.7 | 0.186 | NNW | Overcast. Fall of snow A.M. |
| ♀ 13 | 30.115 | 35.0 | 30.098 | 36.3 | 30 | 30.8 | 32.3 | 28.8 | 32.3 | | NNE | Overcast and hazy. |
| ⌞ 14 | 29.723 | 36.8 | 29.489 | 37.6 | 31 | 33.4 | 34.8 | 30.0 | 34.8 | | SE | Overcast. Fall of snow P.M. |
| ● ♀ 15 | 29.667 | 38.2 | 29.742 | 41.1 | 34 | 34.7 | 39.4 | 31.2 | 39.4 | | W | Fine and cloudless—hazy. |
| h 16 | 29.872 | 38.0 | 29.836 | 39.8 | 32 | 32.6 | 38.0 | 29.8 | 38.0 | 0.086 | WSW | Overcast.—Strong haze A.M. |
| ○ 17 | 29.721 | 37.8 | 29.632 | 40.6 | 32 | 33.8 | 39.2 | 30.2 | 39.2 | | SE | { A.M. Cloudless. P.M. Lightly over- cast. |
| ▷ 18 | 29.394 | 37.4 | 29.297 | 42.0 | 34 | 34.6 | 42.2 | 30.8 | 42.3 | | E | Dull—light clouds. |
| ♂ 19 | 29.303 | 39.7 | 29.333 | 42.6 | 36 | 38.7 | 45.9 | 33.8 | 45.9 | 0.078 | WSW | Fine—light clouds. |
| ♀ 20 | 29.277 | 41.8 | 29.202 | 45.3 | 41 | 42.8 | 47.4 | 37.3 | 47.7 | | SSE | { Fine and clear—light clouds. Snow in the evening. |
| ⌞ 21 | 29.017 | 43.6 | 28.971 | 47.0 | 40 | 40.3 | 46.8 | 39.2 | 46.8 | 0.011 | E | Lowering. |
| ♀ 22 | 29.004 | 46.3 | 29.044 | 48.7 | 43 | 42.8 | 45.3 | 38.8 | 47.5 | 0.053 | SE | Lowering. |
| h 23 | 29.292 | 46.1 | 29.418 | 46.7 | 43 | 42.7 | 41.8 | 41.3 | 42.7 | | N | Overcast and foggy. Light rain A.M. |
| ○ 24 | 29.771 | 44.8 | 29.797 | 47.3 | 41 | 41.6 | 46.3 | 37.7 | 49.7 | 0.033 | WSW | { A.M. Overcast. P.M. Fine—light clouds. |
| ▷ 25 | 29.857 | 48.1 | 29.867 | 50.2 | 49 | 49.8 | 51.6 | 41.0 | 52.0 | | S | Lowering—light breeze—showery. |
| ♂ 26 | 30.029 | 51.3 | 30.012 | 53.3 | 51 | 52.2 | 55.0 | 48.8 | 55.2 | 0.090 | S | Lowering. |
| ♀ 27 | 30.115 | 52.3 | 30.144 | 54.3 | 51 | 51.3 | 53.2 | 49.1 | 53.7 | | SSE | Overcast. |
| ⌞ 28 | 30.322 | 52.3 | 30.329 | 54.3 | 49 | 48.9 | 50.3 | 47.2 | 50.7 | | N | Overcast and foggy. |
| ♀ 29 | 30.240 | 52.7 | 30.257 | 54.8 | 50 | 50.3 | 53.6 | 41.7 | 53.6 | | NNW | Cloudy—light breeze. |
| | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Sum | | |
| | 29.809 | 44.8 | 29.803 | 46.7 | 40.9 | 41.9 | 44.8 | 38.4 | 45.2 | 0.902 | | |

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.780 29.769 }

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.

| 1828. March. | 9 o'clock, A.M. | | 3 o'clock, P.M. | | Dew Point at 9 A.M. in de- grees 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. | | | | | | |
| ○ h 1 | 30.290 | 50.0 | 30.175 | 50.7 | 44 | 44.2 | 47.9 | 41.1 | 47.9 | 0.007 | N | Overcast—light fog. | | | |
| ○ 2 | 30.061 | 50.3 | 30.057 | 51.3 | 45 | 46.5 | 48.2 | 43.7 | 48.2 | | NNE | Cloudy—light wind. | | | |
| ☾ 3 | 30.006 | 47.7 | 29.897 | 49.6 | 43 | 42.8 | 47.8 | 37.7 | 47.8 | | SSW | Cloudy and hazy. | | | |
| ♂ 4 | 29.974 | 47.8 | 29.858 | 52.0 | 44 | 43.9 | 49.2 | 41.3 | 49.6 | | NW | Cloudy—light fog. | | | |
| ♀ 5 | 29.689 | 47.8 | 29.682 | 45.1 | 39 | 42.3 | 42.0 | 39.7 | 43.5 | | NW | { Brisk wind. A.M. Fine and nearly cloudless. P.M. Cloudy. | | | |
| ⌞ 6 | 29.900 | 40.0 | 29.978 | 42.6 | 22 | 33.9 | 38.8 | 29.1 | 38.8 | 0.111 | N | Fine—cloudy—light wind. | | | |
| ♀ 7 | 30.235 | 40.2 | 30.174 | 44.3 | 27 | 33.7 | 41.8 | 29.8 | 46.6 | | SW | A.M. Fine—hazy. P.M. Overcast. | | | |
| h 8 | 30.082 | 44.3 | 30.151 | 48.3 | 46 | 46.8 | 54.7 | 32.8 | 55.5 | | WSW | Overcast and foggy. | | | |
| ○ 9 | 30.262 | 48.3 | 30.210 | 51.0 | 48 | 48.2 | 55.8 | 46.7 | 56.5 | | WSW | { A.M. Overcast. P.M. Fine—light clouds. | | | |
| ☾ 10 | 30.242 | 49.8 | 30.207 | 58.3 | 48 | 49.2 | 56.9 | 43.8 | 57.2 | | WNW | { A.M. Lowering. P.M. Fine—light clouds. | | | |
| ♂ 11 | 30.260 | 49.6 | 30.226 | 53.2 | 46 | 46.0 | 54.0 | 41.8 | 54.3 | 0.036 | SW | { A.M. Overcast and foggy. P.M. Fine—light clouds. | | | |
| ♀ 12 | 30.078 | 50.7 | 30.025 | 53.6 | 48 | 48.2 | 53.8 | 44.0 | 53.8 | | S | A.M. Overcast. P.M. Fine—hazy. | | | |
| ⌞ 13 | 30.135 | 52.6 | 30.131 | 55.8 | 50 | 50.3 | 59.5 | 46.8 | 60.6 | | SW | Clear and cloudless. | | | |
| ♀ 14 | 30.284 | 56.0 | 30.276 | 58.6 | 53 | 54.0 | 59.3 | 50.1 | 59.4 | | SW | Fine and cloudless. | | | |
| ☾ h 15 | 30.368 | 54.3 | 30.358 | 58.6 | 48 | 48.1 | 59.6 | 43.8 | 60.2 | | SW | Fine—light clouds. | | | |
| ○ 16 | 30.346 | 55.8 | 30.248 | 59.6 | 52 | 52.7 | 60.8 | 47.2 | 61.3 | 0.053 | WSW | Fine—cloudy. Showery at night. | | | |
| ☾ 17 | 30.169 | 56.3 | 30.140 | 54.5 | 53 | 53.4 | 56.6 | 50.4 | 61.3 | | NW | Lowering. | | | |
| ♂ 18 | 30.074 | 53.5 | 30.053 | 57.7 | 50 | 50.6 | 55.8 | 47.7 | 55.8 | | NW | Fine—lightly overcast. | | | |
| ♀ 19 | 29.462 | 54.0 | 29.522 | 55.3 | 43 | 50.3 | 51.7 | 46.9 | 52.4 | | WSW | Fine—light clouds—strong brisk wind. | | | |
| ⌞ 20 | 29.439 | 50.7 | 29.262 | 54.3 | 45 | 46.8 | 48.7 | 40.1 | 51.2 | | WSW | Lowering. Rain. | | | |
| ♀ 21 | 29.065 | 51.7 | 28.998 | 53.8 | 46 | 46.2 | 48.7 | 41.7 | 51.1 | 0.053 | SSW | { Cloudy. At 3 P.M. Hail storm, with thunder. | | | |
| h 22 | 29.294 | 49.3 | 29.281 | 51.2 | 34 | 43.5 | 47.9 | 37.0 | 47.9 | | WSW | Fine and clear—cloudy. Showery P.M. | | | |
| ○ 23 | 29.419 | 46.6 | 29.449 | 49.3 | 36 | 40.6 | 46.8 | 34.2 | 47.6 | | 0.086 | WSW | Fine, and nearly cloudless. | | |
| ☾ 24 | 29.655 | 45.8 | 29.685 | 48.3 | 36 | 41.8 | 46.3 | 35.6 | 46.3 | | | N | Fine—cloudy. | | |
| ♂ 25 | 29.806 | 44.6 | 29.808 | 47.2 | 35 | 43.3 | 42.3 | 35.7 | 45.3 | | | N | { Lowering—brisk wind. Rain and hail P.M. | | |
| ♀ 26 | 29.861 | 41.3 | 29.791 | 45.6 | 35 | 35.7 | 44.3 | 31.7 | 44.8 | 0.080 | | WSW | Fine—light clouds—hazy. | | |
| ⌞ 27 | 29.465 | 44.4 | 29.430 | 49.3 | 43 | 43.8 | 51.2 | 34.7 | 52.5 | | | 0.025 | ESE | Lowering. Showery. | |
| ♀ 28 | 29.476 | 46.7 | 29.594 | 47.5 | 42 | 41.7 | 43.4 | 38.8 | 43.4 | | 0.208 | | N | Overcast—brisk wind. Rain. | |
| h 29 | 29.813 | 44.3 | 29.822 | 47.3 | 39 | 39.2 | 42.8 | 34.8 | 45.3 | | | | 0.092 | WSW | Cloudy and hazy. |
| ○ 30 | 29.988 | 45.0 | 30.040 | 47.3 | 41 | 41.7 | 45.7 | 36.4 | 45.7 | | | | | N | Lowering. |
| ○ ☾ 31 | 30.280 | 43.7 | 30.292 | 47.3 | 41 | 41.7 | 47.8 | 33.8 | 49.4 | E | | | | Fine—light clouds—hazy. | |
| | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Sum | | | | | |
| | 29.919 | 48.5 | 29.899 | 51.2 | 42.6 | 44.8 | 50.0 | 40.0 | 51.0 | 0.751 | | | | | |

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.881 29.854 }

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.

| 1828. April. | 9 o'clock, A.M. | | 3 o'clock P.M. | | Dew Point at 9 A.M. in de- grees 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 | 30.287 | 44.0 | 30.162 | 48.2 | 37 | 42.3 | 48.2 | 34.2 | 48.8 | | ESE | A.M. Cloudless. P.M. Lowering. |
| ♀ 2 | 30.031 | 46.3 | 30.029 | 48.5 | 44 | 45.0 | 46.5 | 39.2 | 47.2 | | N | { A.M. Fine—light clouds. P.M. Over- cast. |
| ♂ 3 | 30.095 | 44.2 | 30.034 | 47.2 | 36 | 41.2 | 44.6 | 36.4 | 44.7 | | N | Cloudy—brisk wind. |
| ♀ 4 | 29.938 | 43.8 | 29.943 | 45.8 | 36 | 44.2 | 43.0 | 36.2 | 43.8 | | N | Lowering—brisk wind. |
| h 5 | 29.798 | 43.8 | 29.682 | 48.2 | 36 | 44.6 | 50.3 | 32.8 | 51.3 | | W | Lowering. Showery P.M. |
| ⊙ 6 | 29.560 | 47.8 | 29.597 | 49.9 | 41 | 46.8 | 47.9 | 38.9 | 50.2 | 0.186 | WNW | A.M. Fine—cloudy. P.M. Lowering. |
| ☾ 7 | 29.352 | 46.2 | 29.334 | 49.2 | 43 | 43.7 | 50.3 | 40.2 | 50.4 | 0.075 | ESE | Cloudy. Rain. |
| ♂ 8 | 29.337 | 46.8 | 29.222 | 49.3 | 43 | 44.2 | 48.7 | 38.3 | 48.7 | 0.136 | E | A.M. Lowering. P.M. Fine—cloudy. |
| ♀ 9 | 29.312 | 47.7 | 29.400 | 52.4 | 44 | 46.7 | 54.3 | 41.6 | 55.3 | | S | { A.M. Lowering—light breeze. P.M. Clear—cloudy. |
| ♂ 10 | 29.388 | 49.7 | 29.415 | 52.8 | 49 | 49.7 | 52.7 | 41.8 | 57.4 | 0.025 | S | { A.M. Cloudy and showery. P.M. Fine—broken clouds. |
| ♀ 11 | 29.752 | 52.1 | 29.739 | 53.8 | 44 | 50.4 | 55.4 | 40.3 | 56.9 | 0.047 | WSW | { Fine.—A.M. Clear. P.M. Lightly overcast. |
| h 12 | 29.664 | 55.0 | 29.619 | 56.4 | 52 | 55.7 | 56.4 | 48.2 | 57.7 | | SW | Lowering. Showery. |
| ⊙ 13 | 29.501 | 56.2 | 29.506 | 57.8 | 46 | 54.0 | 56.8 | 49.3 | 57.2 | 0.019 | SSW | { Fine and clear—light clouds and strong wind. |
| ☾ 14 | 29.783 | 56.2 | 29.765 | 58.2 | 49 | 53.3 | 56.4 | 43.8 | 59.0 | | S | A.M. Fine. P.M. Lowering & showery. |
| ♂ 15 | 29.782 | 53.4 | 29.648 | 56.4 | 51 | 51.3 | 53.7 | 45.6 | 55.8 | 0.158 | SSE | { Lowering. Frequent showers and strong wind. |
| ♀ 16 | 29.630 | 57.4 | 29.445 | 56.8 | 52 | 55.4 | 50.4 | 46.4 | 55.4 | 0.039 | S var. | { A.M. Fine—brisk wind. P.M. Over- cast—rain. |
| ♂ 17 | 29.423 | 56.4 | 29.378 | 58.0 | 50 | 54.6 | 56.8 | 45.8 | 57.2 | 0.028 | S var. | { Brisk wind.—A.M. Fine and clear. P.M. Cloudy—rain. |
| ♀ 18 | 29.344 | 55.6 | 29.400 | 56.7 | 51 | 51.5 | 52.3 | 43.8 | 54.2 | 0.444 | SSE | Dark and overcast. Rain. |
| h 19 | 29.537 | 54.7 | 29.600 | 55.6 | 51 | 50.8 | 52.7 | 47.2 | 52.7 | 0.350 | NE | Overcast and foggy. |
| ⊙ 20 | 29.836 | 53.8 | 29.840 | 55.8 | 51 | 51.7 | 51.6 | 46.4 | 51.8 | 0.078 | N | Overcast and hazy. |
| ☾ 21 | 29.704 | 52.0 | 29.662 | 52.8 | 47 | 47.8 | 47.8 | 44.2 | 48.7 | 0.014 | NNW | Cloudy.—Showery A.M. |
| ♂ 22 | 29.639 | 50.0 | 29.663 | 51.2 | 43 | 44.3 | 46.3 | 39.8 | 46.8 | 0.058 | WSW | Lowering. Light showers P.M. |
| ♀ 23 | 29.797 | 49.7 | 29.819 | 53.0 | 45 | 47.7 | 54.2 | 42.7 | 54.2 | 0.019 | W | { Cloudy.—A.M. Hazy. P.M. Clear. Evening showery. |
| ♂ 24 | 29.782 | 54.8 | 29.839 | 56.3 | 46 | 53.3 | 59.0 | 46.0 | 59.5 | 0.200 | W | Fine and clear—light clouds. |
| ♀ 25 | 29.869 | 55.4 | 29.811 | 58.7 | 53 | 53.7 | 56.3 | 49.9 | 58.6 | 0.011 | SSW | { Lowering—light wind. In the even- ing, rain with strong wind. |
| h 26 | 29.965 | 57.4 | 30.060 | 58.7 | 42 | 52.4 | 59.7 | 44.0 | 60.2 | 0.139 | NW | Very fine and clear—brisk wind. |
| ⊙ 27 | 30.282 | 58.2 | 30.263 | 59.6 | 49 | 54.4 | 61.1 | 43.0 | 63.3 | | SSW | { Very fine—clear and cloudless—gentle wind. |
| ☾ 28 | 30.290 | 60.8 | 30.270 | 61.3 | 52 | 59.3 | 66.6 | 46.8 | 67.7 | | S | { Fine and clear—light clouds—gentle wind. |
| ♂ 29 | 30.257 | 64.7 | 30.209 | 63.9 | 52 | 67.3 | 68.8 | 46.8 | 70.7 | | SSE | Fine and clear—light clouds. |
| ♀ 30 | 30.316 | 61.3 | 30.356 | 64.8 | 59 | 59.7 | 61.8 | 54.2 | 63.7 | | N | Overcast—dissolving clouds—brisk wind. |
| | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Sum | | |
| | 29.775 | 52.5 | 29.757 | 54.6 | 46.5 | 50.6 | 53.7 | 43.1 | 55.0 | 2.026 | | |

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 29.727 29.703

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.

| 1828. May. | 9 o'clock, A.M. | | 3 o'clock P.M. | | Dew Point at 9 A.M. in de- grees 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 | 30.384 | 58.8 | 30.314 | 62.1 | 52 | 52.4 | 61.7 | 46.8 | 62.7 | | E | { A.M. Strong haze. P.M. Fine and clear—nearly cloudless. |
| ♀ 2 | 30.260 | 57.3 | 30.182 | 62.0 | 51 | 51.4 | 57.8 | 44.3 | 60.4 | | ESE | Fine—light clouds. |
| h 3 | 30.017 | 56.5 | 29.994 | 60.3 | 53 | 53.6 | 56.4 | 48.2 | 58.5 | 0.014 | ESE | Lowering. Rain. |
| ⊙ 4 | 29.788 | 59.4 | 29.719 | 61.7 | 55 | 56.8 | 60.8 | 51.6 | 63.3 | 0.042 | S | { Fine and clear.—A.M. Heavy shower. { P.M. Distant thunder. |
| ▷ 5 | 29.707 | 54.7 | 29.683 | 58.8 | 49 | 54.2 | 56.8 | 45.8 | 57.8 | 0.081 | WNW | Fine—cloudy. |
| ♂ 6 | 29.748 | 60.7 | 29.742 | 59.3 | 45 | 56.3 | 57.7 | 43.8 | 60.8 | | SSW | { A.M. Fine and cloudless. P.M. { Thunder and lightning at 3½h. |
| ♀ 7 | 29.849 | 54.9 | 29.851 | 59.3 | 49 | 50.5 | 58.6 | 45.4 | 59.3 | | N | A.M. Overcast. P.M. Fine—cloudy. |
| ♂ 8 | 29.883 | 54.3 | 29.901 | 59.0 | 49 | 48.9 | 58.3 | 46.2 | 59.5 | 0.186 | N | { A.M. Overcast. P.M. Fine and clear { —gentle wind. |
| ♀ 9 | 30.070 | 55.9 | 30.114 | 59.6 | 46 | 51.5 | 59.4 | 42.7 | 60.5 | | W | Fine—lightly overcast. |
| h 10 | 30.179 | 59.6 | 30.136 | 62.0 | 45 | 58.0 | 61.6 | 45.0 | 64.3 | | S | { A.M. Fine and cloudless. P.M. { slightly lowering. |
| ⊙ 11 | 30.085 | 59.4 | 30.060 | 61.8 | 55 | 57.5 | 62.8 | 51.2 | 63.8 | | WSW | { A.M. Lowering. P.M. Fine—light clouds. |
| ▷ 12 | 30.238 | 61.2 | 30.257 | 62.6 | 46 | 58.7 | 63.3 | 48.2 | 64.7 | | N | { Fine & clear—nearly cloudless—light wind. |
| ♂ 13 | 30.316 | 62.4 | 30.240 | 62.3 | 48 | 58.3 | 64.0 | 46.7 | 64.8 | | SSW | Fine and cloudless—light haze. |
| ♀ 14 | 30.192 | 60.3 | 30.127 | 63.6 | 56 | 58.6 | 66.4 | 50.0 | 68.0 | | NNE | Fine and clear—fleece clouds. |
| ♂ 15 | 30.070 | 61.8 | 30.029 | 64.3 | 51 | 60.7 | 66.2 | 47.0 | 66.4 | | E | Fine—light stretching clouds. |
| ♀ 16 | 29.883 | 63.8 | 29.860 | 67.3 | 59 | 64.3 | 67.3 | 56.0 | 69.5 | | NE | { Fine—light clouds. Thunder at 7h. { 5½m. P.M. |
| h 17 | 29.832 | 66.8 | 29.811 | 66.7 | 54 | 63.2 | 66.8 | 55.9 | 67.3 | | E | Fine and cloudless—light wind. |
| ⊙ 18 | 29.816 | 63.7 | 29.826 | 64.5 | 51 | 61.7 | 61.9 | 55.0 | 63.7 | | E | Clear and cloudless—light wind. |
| ▷ 19 | 29.832 | 64.6 | 29.829 | 63.2 | 46 | 62.2 | 62.7 | 46.8 | 63.7 | | ESE | Clear and cloudless—light wind. |
| ♂ 20 | 29.803 | 61.4 | 29.760 | 63.2 | 50 | 59.4 | 60.7 | 45.0 | 66.2 | | E | A.M. Fine. P.M. Cloudy. |
| ♀ 21 | 29.856 | 57.7 | 29.555 | 62.8 | 54 | 55.8 | 61.7 | 50.0 | 63.1 | | ENE | Cloudy. Light showers. |
| ♂ 22 | 29.574 | 55.7 | 29.569 | 60.3 | 52 | 53.4 | 58.7 | 51.0 | 59.5 | 0.036 | E | Lowering. Light showers. |
| ♀ 23 | 29.611 | 60.3 | 29.593 | 63.0 | 49 | 57.7 | 62.1 | 49.8 | 62.6 | 0.014 | NNE | Fine—cloudy—light wind. |
| h 24 | 29.481 | 61.3 | 29.422 | 65.0 | 54 | 58.8 | 63.8 | 55.1 | 66.6 | 0.294 | S | { A.M. Heavy rain, early. Fine & clear. { P.M. Lowering, strong wind, showery. |
| ⊙ 25 | 29.704 | 63.7 | 29.813 | 64.3 | 55 | 61.7 | 64.0 | 55.6 | 65.4 | 0.041 | SW | { Fine and clear—light clouds—brisk { wind. |
| ▷ 26 | 29.756 | 63.3 | 29.635 | 65.2 | 54 | 62.5 | 65.0 | 53.6 | 66.8 | | ESE | Cloudy—light wind. |
| ♂ 27 | 29.601 | 65.3 | 29.552 | 65.8 | 53 | 64.5 | 61.8 | 52.9 | 68.6 | | ESE | { A.M. Fine and clear. P.M. Cloudy { —brisk wind. Rain. |
| ♀ 28 | 29.554 | 62.8 | 29.649 | 63.8 | 54 | 59.3 | 61.8 | 53.3 | 64.3 | 0.353 | SW | Cloudy—light wind. |
| ⊙ 29 | 29.702 | 63.9 | 29.704 | 65.4 | 56 | 62.3 | 65.3 | 56.3 | 67.2 | 0.033 | S | Fine—brisk wind. Showery. |
| ♀ 30 | 29.950 | 67.4 | 29.959 | 68.2 | 53 | 65.3 | 70.4 | 55.3 | 72.1 | | N | Fine—cloudy. Rain at night. |
| h 31 | 29.840 | 63.8 | 29.792 | 67.2 | 60 | 60.5 | 67.1 | 56.1 | 68.4 | 0.213 | SSW | { A.M. Lowering—light wind. P.M. { Fine—cloudy. |
| | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Sum | | |
| | 29.890 | 60.7 | 29.860 | 63.0 | 51.7 | 58.1 | 62.3 | 50.0 | 64.2 | 1.307 | | |

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 29.820 3 P.M. 29.784 }

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.

| 1828. June. | 9 o'clock, A.M. | | 3 o'clock, P.M. | | Dew Point at 9 A.M. in de- grees 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 | 30.066 | 67.8 | 30.069 | 67.0 | 51 | 63.7 | 69.3 | 52. | 70.0 | | WSW | Fine—light breeze. |
| ☾ 2 | 29.958 | 67.0 | 29.924 | 66.6 | 51 | 62.3 | 65.4 | 55.8 | 67.8 | 0.050 | WSW | { Fine and clear—cloudy—light breeze. Heavy shower P.M. |
| ♂ 3 | 29.994 | 63.4 | 29.973 | 64.7 | 55 | 59.8 | 61.8 | 51.5 | 64.3 | 0.033 | SW | Lowering. |
| ♀ 4 | 29.621 | 61.7 | 29.494 | 64.0 | 57 | 57.6 | 61.7 | 56.1 | 62.4 | 0.250 | SW | A.M. Foggy—rain. P.M. Fine & clear. |
| ♂ 5 | 29.388 | 61.2 | 29.489 | 62.6 | 47 | 55.7 | 62.9 | 49.8 | 63.2 | 0.583 | NW var. | Fine and clear—light wind. |
| ♀ 6 | 29.656 | 63.3 | 29.708 | 63.7 | 50 | 60.3 | 63.3 | 51.7 | 64.8 | 0.033 | W | { Fine and clear—cloudy. At 28m. P.M. Heavy rain, with hail. |
| ♂ 7 | 30.003 | 57.3 | — | — | 45 | 54.5 | — | 49.3 | 61.0 | 0.139 | WSW | Cloudy—light wind. |
| ☉ 8 | 30.189 | 60.9 | 30.194 | 63.3 | 46 | 60.9 | 63.3 | 51.1 | 65.6 | | WSW | Fine—light breeze. |
| ☾ 9 | 30.247 | 62.0 | 30.226 | 65.3 | 53 | 61.7 | 66.8 | 52.7 | 67.7 | | W | Fine—cloudy. |
| ♂ 10 | 30.285 | 64.8 | 30.260 | 66.3 | 56 | 61.4 | 66.9 | 51.7 | 67.7 | | NW | Fine—cloudy. |
| ♀ 11 | 30.241 | 64.6 | 30.232 | 68.3 | 57 | 63.8 | 68.9 | 57.7 | 71.5 | | W | Fine—cloudy. |
| ☉ 12 | 30.242 | 63.7 | 30.247 | 66.2 | 51 | 62.4 | 63.5 | 58.7 | 65.3 | | NNW | Cloudy. |
| ♀ 13 | 30.281 | 70.7 | 30.245 | 68.3 | 53 | 63.8 | 69.7 | 53.8 | 72.7 | | N | Clear and cloudless—light wind. |
| ♂ 14 | 30.268 | 70.0 | 30.230 | 68.0 | 54 | 68.3 | 67.8 | 52.3 | 69.8 | | W | Clear and cloudless—light wind. |
| ☉ 15 | 30.106 | 63.4 | 30.081 | 67.8 | 62 | 62.7 | 68.3 | 55.6 | 70.2 | | E | { A.M. Cloudy. P.M. Fine and clear. Brisk wind. |
| ☾ 16 | 29.973 | 67.7 | 29.905 | 67.4 | 63 | 66.8 | 64.3 | 59.8 | 71.6 | | E | { Fine—cloudy—brisk wind—showery. Lightning in the evening. |
| ♂ 17 | 29.590 | 68.7 | 29.547 | 69.4 | 63 | 70.7 | 68.6 | 57.9 | 72.3 | | NE | Fine—cloudy—brisk wind. |
| ♀ 18 | 29.424 | 64.8 | 29.560 | 68.8 | 59 | 59.7 | 68.6 | 57.7 | 69.8 | 0.064 | E | Fine—cloudy. Light showers. |
| ♂ 19 | 29.962 | 67.4 | 29.994 | 69.7 | 61 | 63.7 | 69.8 | 59.3 | 71.7 | | S | { A.M. Lowering. P.M. Fine.—Light wind. |
| ♀ 20 | 30.009 | 66.7 | 29.989 | 70.2 | 60 | 66.0 | 70.0 | 60.6 | 70.8 | | S | Lightly overcast—brisk wind. |
| ♂ 21 | 29.857 | 63.8 | 29.855 | 67.8 | 59 | 59.1 | 65.8 | 58.2 | 68.4 | 0.605 | NW | { A.M. Heavy rain, early. P.M. Clear —cloudy—light wind. |
| ☉ 22 | 29.923 | 68.3 | 29.950 | 67.9 | 57 | 65.0 | 62.6 | 55.9 | 69.8 | 0.028 | WSW | { Cloudy. Heavy showers and frequent thunder at 2½ P.M. |
| ☾ 23 | 30.091 | 71.3 | 30.110 | 69.3 | 58 | 64.7 | 68.7 | 53.8 | 69.6 | 0.583 | NNW | Fine and clear—cloudy—light wind. |
| ♂ 24 | 30.291 | 63.8 | 30.297 | 67.6 | 58 | 62.8 | 69.7 | 55.7 | 71.5 | | N | Fine—lightly overcast. |
| ♀ 25 | 30.328 | 73.3 | 30.297 | 72.6 | 57 | 70.2 | 72.7 | 56.3 | 76.6 | | SW | { Fine and clear. A.M. Cloudless. P.M. Cloudy. |
| ♂ 26 | 30.385 | 71.3 | 30.346 | 72.7 | 60 | 70.7 | 77.6 | 59.2 | 78.4 | | NW | Fine—light clouds. |
| ♀ 27 | 30.272 | 75.7 | 30.182 | 74.2 | 61 | 74.8 | 76.7 | 62.7 | 78.3 | | E | Clear and cloudless—light wind. |
| ♂ 28 | 30.095 | 74.8 | 30.045 | 75.3 | 65 | 73.7 | 73.9 | 59.6 | 77.8 | | E | { A.M. Fine and cloudless. P.M. Lightly overcast—light wind. |
| ☉ 29 | 29.949 | 66.7 | 29.948 | 72.9 | 64 | 66.3 | 74.3 | 59.3 | 76.8 | | N | Fine—light clouds—gentle wind. |
| ☾ 30 | 30.015 | 76.7 | 29.967 | 74.3 | 60 | 68.7 | 75.9 | 60.3 | 78.2 | | N | Fine and clear—light clouds. |
| | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Sum | | |
| | 30.024 | 66.8 | 30.012 | 68.3 | 56.4 | 64.1 | 68.2 | 55.9 | 70.2 | 2.368 | | |

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.938 29.922 }

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.

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