

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1902.

DAILY WEATHER REPORT.

July to December 1902.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE

(CONTINUED).

OCTOBER.

NOVEMBER.

DECEMBER.

| STATIONS. | PRESSURE AT 8 A.M. Means, 1871-1900. | TEMPERATURE OF AIR. 1871-1900. | | | | | | | | RAINFALL. | | BRIGHT SUNSHINE. | |
|----------------|--|--------------------------------|--------------------|-------------------|-------------------|--------------------|--------------------|----------|--------------------------------|-----------------------|-------------|----------------------|---------------------------|
| | | Means of | | | | Absolute Extremes. | | | | Means for | | Means, 1881-1900. | |
| | | Dry Bulb 8 a.m. | Wet Bulb 8 a.m. | Daily Maximum. | Daily Minimum. | Maximum. | Date. | Minimum. | Date. | Days with Rain. | Total Fall. | Average Duration. | Per cent. of possible. |
| | | | | | | | | | | | | | |
| Sumburgh Head | (Inches.) 29.721 | 45.9 | 44.3 | 49.8 | 41.6 | 61 | 1898 | 26 | 1875 | 24 | 4.43 | (Hours.) — | — |
| Stornoway | 29.752 | 45.4 | 44.4 | 51.1 | 40.3 | 70 | 1898 | 26 | 1880 | 24 | 5.31 | 87.0 | 28 |
| Malin Head | 29.803 | 48.4 | 46.3 | 52.6 | 45.6 | [69]* | [1898] | [32]* | [1892] | [21]* | [2.99]* | — | — |
| Blackod Point | 29.851 | 49.5 | 46.6 | 54.1 | 45.9 | [70]* | [1898] | [33]* | [1892] | [23]* | [5.20]* | — | — |
| Valencia | 29.885 | 51.0 | 48.9 | 56.4 | 46.3 | 69 | 1898 | 28 | 1892 | 23 | 5.61 | 104.4 | 32 |
| Roche's Point | 29.886 | 50.1 | 48.3 | 55.8 | 46.0 | 65 | 1880, 84, 86 | 32 | 1881 | 16 | 4.21 | — | — |
| Parsonstown | 29.883 | 45.5 | 44.0 | 54.7 | 40.5 | 69 | 1898 | 22 | 1880 | 18 | 3.06 | 99.9 | 31 |
| Donaghadee | 29.843 | 47.8 | 46.5 | 53.7 | 43.5 | 66 | 1898 | 21 | 1892 | 18 | 3.14 | — | — |
| Liverpool | 29.872 | 47.7 | 45.6 | 53.8 | 44.5 | 72 | 1886 | 27 | 1885 | 18 | 3.52 | — | — |
| Holyhead | 29.863 | 50.2 | 48.1 | 54.7 | 46.9 | 71 | 1886 | 32 | 1892 | 20 | 4.33 | — | — |
| Pembroke | 29.880 | 51.2 | 49.2 | 54.9 | 47.9 | 66 | 1872, 1886 | 33 | 1895 | 20 | 4.14 | 104.9 | 32 |
| Scilly | 29.897 | 53.8 | 51.7 | 56.9 | 50.1 | 69 | 1895 | 28 | 1895, 96 | 21 | 3.73 | — | — |
| Jersey | 29.926 | 53.7 | 50.9 | 58.6 | 48.9 | 73 | 1876, 1898, 1900 | 33 | 1887 | 19 | 4.47 | 130.0 | 40 |
| Portland Bill† | [30.029] | [53.4] | [51.3] | [58.5] | [49.2] | — | — | — | — | [12] | [1.72] | — | — |
| Dungeness | 29.908 | 50.4 | 48.6 | 56.6 | 46.2 | 70 | 1886 | 23 | 1890 | 16 | 3.23 | — | — |
| Wick | 29.755 | 46.2 | 44.6 | 51.8 | 40.4 | 73 | 1898 | 22 | 1885 | 21 | 3.11 | — | — |
| Nairn | 29.773 | 44.6 | 42.8 | 52.2 | 39.8 | 72 | 1898 | 19 | 1896 | 18 | 2.43 | — | — |
| Aberdeen | 29.791 | 45.7 | 43.6 | 52.5 | 41.2 | 74 | 1883 | 25 | 1880 | 20 | 3.00 | 98.9 | 31 |
| Leith | 29.814 | 46.4 | 44.6 | 54.6 | 41.5 | 70 | 1898 | 25 | 1894 | 16 | 2.09 | — | — |
| North Shields | 29.836 | 46.9 | 45.2 | 53.4 | 42.2 | 68 | 1898 | 27 | 1890, 92, 95 | 17 | 2.75 | — | — |
| Spurn Head | 29.857 | 48.9 | 47.4 | 53.6 | 45.6 | [70]* | [1900] | [33]* | [1887, 95] | 16 | 2.34 | — | — |
| Yarmouth | 29.884 | 49.2 | 47.6 | 54.4 | 44.6 | 74 | 1900 | 27 | 1895 | 18 | 2.98 | — | — |
| Loughborough | 29.897 | 45.4 | 44.2 | 55.8 | 40.8 | [77]* | [1886] | [20]* | [1890] | 17 | 2.76 | — | — |
| Oxford | 29.916 | 46.1 | 44.8 | 55.6 | 42.1 | 76 | 1886 | 22 | 1873 | 15 | 2.76 | 102.7 | 32 |
| LONDON | 29.918 | 47.6 | 46.0 | 56.8 | 42.9 | 80 | 1886 | 24 | 1890 | 16 | 2.70 | 70.6† | 22† |
| Sumburgh Head | 29.710 | 42.6 | 41.0 | 46.1 | 38.5 | 55 | 1890 | 21 | 1875 | 24 | 4.12 | — | — |
| Stornoway | 29.720 | 42.5 | 41.5 | 46.8 | 37.4 | 58 | 1897 | 20 | 1880 | 23 | 5.28 | 40.6 | 16 |
| Malin Head | 29.773 | 44.3 | 42.5 | 48.3 | 41.2 | [50]* | [1894, 99] | [31]* | [1889] | [20]* | [3.08]* | — | — |
| Blackod Point | 29.819 | 45.7 | 43.7 | 49.7 | 41.7 | [60]* | [1897, 99] | [26]* | [1890] | [24]* | [5.22]* | — | — |
| Valencia | 29.883 | 47.6 | 45.6 | 52.4 | 43.0 | 63 | 1881 | 27 | 1890, 96 | 22 | 5.67 | 65.8 | 26 |
| Roche's Point | 29.888 | 46.5 | 45.0 | 51.4 | 42.3 | 61 | 1875 | 27 | 1890 | 19 | 4.65 | — | — |
| Parsonstown | 29.869 | 42.0 | 40.6 | 49.4 | 37.2 | 63 | 1872 | 20 | 1890 | 19 | 2.97 | 63.8 | 25 |
| Donaghadee | 29.838 | 43.9 | 42.7 | 48.8 | 39.7 | 60 | 1894 | 27 | 1878, 83 | 19 | 3.12 | — | — |
| Liverpool | 29.883 | 43.0 | 41.2 | 48.3 | 40.0 | 63 | 1872 | 23 | 1880 | 17 | 2.71 | — | — |
| Holyhead | 29.865 | 46.2 | 44.4 | 50.0 | 43.0 | 62 | 1881 | 29 | 1880 | 20 | 3.96 | — | — |
| Pembroke | 29.890 | 47.4 | 45.7 | 50.6 | 43.9 | 58 | 1884, 95, 97, 99 | 28 | 1890 | 20 | 3.94 | 60.9 | 24 |
| Scilly | 29.911 | 50.3 | 48.3 | 53.0 | 46.6 | 61 | 1898 | 29 | 1890 | 21 | 3.65 | — | — |
| Jersey | 29.953 | 48.2 | 46.1 | 52.6 | 44.4 | 66 | 1899 | 16 | 1890 | 19 | 4.07 | 73.5 | 27 |
| Portland Bill† | [29.969] | [49.9] | [47.7] | [53.3] | [45.3] | — | — | — | — | [14] | [3.65] | — | — |
| Dungeness | 29.923 | 45.0 | 43.6 | 50.1 | 41.1 | 63 | 1899 | 17 | 1890 | 17 | 2.57 | — | — |
| Wick | 29.743 | 42.0 | 40.6 | 46.7 | 36.8 | 62 | 1900 | 15 | 1884 | 20 | 2.89 | — | — |
| Nairn | 29.761 | 40.5 | 38.9 | 46.3 | 35.6 | 61 | 1885, 94 | 18 | 1880, 98 | 17 | 2.13 | — | — |
| Aberdeen | 29.792 | 41.1 | 39.3 | 46.6 | 37.1 | 62 | 1872, 89 | 15 | 1880, 84 | 20 | 3.06 | 52.7 | 22 |
| Leith | 29.817 | 42.3 | 40.5 | 48.5 | 37.5 | 64 | 1872 | 18 | 1885 | 16 | 2.07 | — | — |
| North Shields | 29.844 | 42.8 | 41.2 | 48.0 | 38.4 | 62 | 1881, 94 | 20 | 1880 | 17 | 2.33 | — | — |
| Spurn Head | 29.874 | 43.8 | 42.5 | 47.5 | 40.7 | [61]* | [1894, 95] | [28]* | [1884] | 17 | 2.19 | — | — |
| Yarmouth | 29.898 | 43.7 | 42.5 | 48.0 | 39.5 | 60 | 1895, 98, 99 | 23 | 1890 | 19 | 2.78 | — | — |
| Loughborough | 29.910 | 40.9 | 39.7 | 48.6 | 37.0 | [64]* | [1900] | [19]* | [1887, 93] | 17 | 2.14 | — | — |
| Oxford | 29.928 | 41.0 | 40.4 | 48.8 | 37.9 | 68 | 1881 | 19 | 1871, 87 | 15 | 2.39 | 56.4 | 22 |
| LONDON | 29.931 | 42.8 | 41.3 | 49.8 | 38.5 | 65 | 1894 | 19 | 1879 | 16 | 2.29 | 27.7† | 11† |
| Sumburgh Head | 29.647 | 40.1 | 38.6 | 43.2 | 35.9 | 53 | 1890 | 19 | 1877 | 26 | 4.46 | — | — |
| Stornoway | 29.671 | 40.0 | 39.0 | 43.7 | 34.6 | 55 | 1893 | 15 | 1880 | 28 | 5.68 | 23.9 | 12 |
| Malin Head | 29.748 | 41.6 | 40.1 | 45.4 | 38.3 | [55]* | [1900] | [31]* | [1886, 87, 91, 92, 94, 96, 99] | [24]* | [3.36]* | — | — |
| Blackod Point | 29.803 | 43.2 | 41.3 | 47.2 | 39.2 | [59]* | [1899] | [26]* | [1896] | [27]* | [6.12]* | — | — |
| Valencia | 29.880 | 45.4 | 43.2 | 50.1 | 40.6 | 57 | 1884, 88, 99, 1900 | 24 | 1886 | 25 | 6.34 | 42.6 | 18 |
| Roche's Point | 29.894 | 44.0 | 42.8 | 48.5 | 39.9 | 58 | 1873 | 25 | 1882 | 20 | 5.47 | — | — |
| Parsonstown | 29.872 | 38.8 | 37.6 | 45.5 | 34.0 | 58 | 1877, 1900 | 8 | 1878 | 29 | 3.17 | 44.7 | 20 |
| Donaghadee | 29.823 | 40.8 | 40.0 | 46.1 | 36.6 | 56 | 1885, 88, 94 | 20 | 1879 | 21 | 2.96 | — | — |
| Liverpool | 29.881 | 39.4 | 37.7 | 44.2 | 36.1 | 59 | 1891, 98, 1900 | 13 | 1878 | 18 | 2.64 | — | — |
| Holyhead | 29.864 | 43.2 | 41.6 | 46.8 | 39.5 | 56 | 1872, 88 | 25 | 1874 | 20 | 3.94 | — | — |
| Pembroke | 29.903 | 44.4 | 43.0 | 47.4 | 40.9 | 57 | 1898 | 19 | 1890 | 21 | 4.17 | 44.0 | 19 |
| Scilly | 29.936 | 47.7 | 45.8 | 50.3 | 43.8 | 58 | 1899, 1900 | 30 | 1890 | 22 | 4.19 | — | — |
| Jersey | 29.992 | 44.0 | 42.2 | 48.1 | 40.1 | 61 | 1876 | 19 | 1871 | 20 | 3.88 | 62.3 | 25 |
| Portland Bill† | [29.911] | [45.2] | [43.9] | [48.9] | [39.8] | — | — | — | — | [21] | [3.50] | — | — |
| Dungeness | 29.952 | 40.8 | 39.5 | 45.2 | 36.3 | 56 | 1880, 97, 98, 1900 | 12 | 1890 | 17 | 2.11 | — | — |
| Wick | 29.684 | 38.7 | 37.5 | 42.9 | 33.4 | 56 | [1898] | 10 | 1880 | 22 | 3.18 | — | — |
| Nairn | 29.713 | 37.5 | 36.0 | 42.6 | 32.4 | 58 | 1900 | 10 | 1882 | 18 | 2.16 | — | — |
| Aberdeen | 29.747 | 37.5 | 35.8 | 42.4 | 33.3 | 58 | 1873 | 6 | 1882 | 20 | 3.23 | 38.2 | 19 |
| Leith | 29.782 | 39.1 | 37.6 | 44.5 | 34.1 | 60 | 1896 | 0 | 1882 | 15 | 1.95 | — | — |
| North Shields | 29.825 | 38.9 | 37.5 | 43.6 | 34.3 | 59 | 1873, 98 | 10 | 1878, 79 | 16 | 2.34 | — | — |
| Spurn Head | 29.864 | 39.4 | 38.2 | 43.1 | 35.8 | [56]* | [1898] | [19]* | [1891] | 17 | 2.07 | — | — |
| Yarmouth | 29.911 | 38.6 | 37.5 | 42.7 | 34.2 | 56 | 1873 | 15 | 1879 | 17 | 2.47 | — | — |
| Loughborough | 29.914 | 36.9 | 35.9 | 43.5 | 32.8 | [59]* | [1888, 1900] | [7]* | [1890] | 15 | 2.35 | — | — |
| Oxford | 29.950 | 37.6 | 36.5 | 43.7 | 34.0 | 58 | 1888, 97 | 6 | 1878 | 16 | 2.18 | 41.6 | 18 |
| LONDON | 29.953 | 38.5 | 37.3 | 44.7 | 34.4 | 58 | 1873, 88, 91, 98 | 11 | 1878 | 15 | 2.15 | 13.1† | 5† |

* These values are from observations made during the following periods:—Spurn Head and Loughborough, 20 years, 1881-1900; Malin Head and Blackod Point (Belmullet), 15 years, 1886-1900.
† The Sunshine values are for Westminster.

‡ The values for Portland Bill are for two years only, 1899-1900.

SUPPLEMENT TO THE DAILY WEATHER REPORT.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE SIX MONTHS, JULY TO DECEMBER.

JULY.

AUGUST.

SEPTEMBER.

| STATIONS. | PRESSURE AT 8 A.M. Means, 1871-1900. | TEMPERATURE OF AIR. 1871-1900. | | | | | | | | RAINFALL. | | BRIGHT SUNSHINE. | |
|---------------|--|--------------------------------|--------------------|-------------------|-------------------|--------------------|------------------|----------|------------------|-----------------------|-------------|----------------------|---------------------------|
| | | Means of | | | | Absolute Extremes. | | | | Means for | | Means, 1881-1900. | |
| | | Dry Bulb 8 a.m. | Wet Bulb 8 a.m. | Daily Maximum. | Daily Minimum. | Maximum. | Date. | Minimum. | Date. | Days with Rain. | Total Fall. | Average Duration. | Per cent. of possible. |
| | | | | | | | | | | | | | |
| Sumburgh Head | 29.806 | 53.4 | 51.7 | 57.6 | 48.3 | 70 | 1897 | 37 | 1888 | 17 | 2.33 | — | — |
| Stornoway | 29.822 | 55.5 | 53.7 | 60.3 | 49.1 | 76 | 1894 | 32 | 1888 | 21 | 2.97 | 140.8 | 28 |
| Malin Head | 29.873 | 56.1 | 54.0 | 61.0 | 53.6 | (75)* | [1887] | (42)* | [1888] | (19)* | (2.87)* | — | — |
| Blackod Point | 29.914 | 57.8 | 55.2 | 62.4 | 53.8 | (80)* | [1894] | (42)* | [1898] | (21)* | (2.94)* | — | — |
| Valencia | 29.960 | 59.2 | 56.6 | 64.0 | 53.8 | 80 | 1878 | 42 | 1898 | 20 | 3.95 | 154.4 | 31 |
| Roche's Point | 29.957 | 59.0 | 56.1 | 65.8 | 53.7 | 84 | 1876 | 45 | 1888 | 15 | 3.60 | — | — |
| Parsonstown | 29.937 | 58.1 | 55.0 | 66.4 | 51.7 | 89 | 1876 | 37 | 1889 | 17 | 2.25 | 139.2 | 28 |
| Donaghadee | 29.904 | 57.4 | 55.5 | 63.5 | 52.1 | 81 | 1876 | 40 | 1883 | 18 | 2.85 | — | — |
| Liverpool | 29.927 | 59.5 | 56.6 | 66.0 | 54.3 | 89 | 1873 | 41 | 1877 | 16 | 2.77 | — | — |
| Holyhead | 29.932 | 58.3 | 56.0 | 63.8 | 54.1 | 83 | 1894 | 43 | 1888 | 10 | 2.46 | — | — |
| Pembroke | 29.956 | 58.2 | 56.2 | 62.7 | 54.9 | 80 | 1878 | 45 | 1888 | 14 | 2.42 | 205.3 | 42 |
| Scilly | 29.987 | 60.5 | 58.3 | 64.9 | 56.5 | 75 | 1886 | 48 | 1875 | 16 | 2.30 | — | — |
| Jersey | 30.015 | 62.5 | 59.1 | 68.6 | 56.5 | 90 | 1873 | 46 | 1877, 97 | 13 | 2.30 | 244.2 | 51 |
| Portland Bill | [30.071] | [61.7] | [59.3] | [67.0] | [55.4] | — | — | — | — | [6] | [0.94] | — | — |
| Dungeness | 29.965 | 61.9 | 58.6 | 67.0 | 56.1 | 82 | 1900 | 40 | 1890 | 12 | 1.62 | — | — |
| Wick | 29.835 | 56.0 | 53.7 | 61.8 | 48.9 | 81 | 1876 | 30 | 1886 | 18 | 2.54 | — | — |
| Nairn | 29.838 | 56.9 | 53.7 | 64.5 | 50.3 | 86 | 1876 | 37 | 1886, 97, 98 | 17 | 2.68 | — | — |
| Aberdeen | 29.852 | 57.8 | 53.8 | 63.7 | 50.7 | 86 | 1876 | 38 | 1898 | 18 | 2.82 | 165.0 | 32 |
| Leith | 29.867 | 58.6 | 55.0 | 66.6 | 51.4 | 90 | 1876 | 41 | 1887, 88, 92 | 16 | 2.76 | — | — |
| North Shields | 29.887 | 58.2 | 55.1 | 64.3 | 51.9 | 85 | 1876 | 40 | 1885 | 15 | 2.55 | — | — |
| Spurn Head | 29.914 | 59.6 | 56.9 | 65.1 | 55.0 | (84)* | [1881, 1900] | (44)* | [1888] | 13 | 1.70 | — | — |
| Yarmouth | 29.938 | 60.8 | 57.6 | 66.3 | 54.9 | 87 | 1881 | 42 | 1872, 90 | 15 | 2.69 | — | — |
| Loughborough | 29.947 | 60.9 | 57.2 | 71.4 | 52.6 | (90)* | [1881] | (39)* | [1888] | 15 | 2.24 | — | — |
| Oxford | 29.963 | 60.2 | 56.6 | 70.1 | 53.5 | 90 | 1876, 1900 | 41 | 1888 | 14 | 2.49 | 200.7 | 41 |
| LONDON | 29.971 | 62.2 | 57.7 | 72.7 | 54.2 | 95 | 1881 | 41 | 1877 | 13 | 2.27 | 174.7 | 36 |
| Sumburgh Head | 29.782 | 53.5 | 51.9 | 57.7 | 48.5 | 69 | 1880 | 38 | 1885, 95 | 18 | 3.25 | — | — |
| Stornoway | 29.794 | 55.1 | 53.5 | 60.2 | 49.1 | 75 | 1897, 99 | 33 | 1888 | 21 | 5.60 | 131.3 | 28 |
| Malin Head | 29.830 | 56.4 | 54.3 | 61.8 | 54.1 | (80)* | [1900] | (40)* | [1891] | (21)* | (2.25)* | — | — |
| Blackod Point | 29.878 | 58.1 | 55.5 | 62.7 | 54.1 | (78)* | [1899] | (42)* | [1887-88] | (22)* | (2.08)* | — | — |
| Valencia | 29.929 | 59.8 | 57.1 | 64.7 | 54.3 | 81 | 1899 | 42 | 1890 | 22 | 4.90 | 152.7 | 34 |
| Roche's Point | 29.932 | 59.1 | 56.6 | 65.7 | 54.2 | 80 | 1880 | 44 | 1883 | 16 | 3.04 | — | — |
| Parsonstown | 29.917 | 57.4 | 55.2 | 65.9 | 51.6 | 82 | 1893, 99, 1900 | 35 | 1885, 87 | 16 | 3.87 | 139.5 | 31 |
| Donaghadee | 29.881 | 57.1 | 55.3 | 62.8 | 52.5 | 78 | 1899 | 38 | 1886 | 19 | 3.30 | — | — |
| Liverpool | 29.908 | 58.8 | 55.3 | 65.8 | 54.3 | 85 | 1876, 84, 93, 99 | 44 | 1886 | 17 | 2.96 | — | — |
| Holyhead | 29.909 | 58.6 | 56.5 | 64.0 | 54.8 | 83 | 1893 | 45 | 1888 | 16 | 3.02 | — | — |
| Pembroke | 29.902 | 58.9 | 56.8 | 63.3 | 55.8 | 78 | 1874, 99 | 47 | 1885, 98 | 16 | 2.91 | 193.8 | 43 |
| Scilly | 29.932 | 61.2 | 59.0 | 65.3 | 57.1 | 75 | 1893, 99 | 50 | 1885, 90, 95 | 17 | 2.49 | — | — |
| Jersey | 29.965 | 63.2 | 59.8 | 69.1 | 57.4 | 89 | 1893 | 45 | 1890 | 14 | 2.48 | 244.8 | 56 |
| Portland Bill | [30.042] | [62.2] | [60.0] | [68.5] | [55.7] | — | — | — | — | (11) | (1.57) | — | — |
| Dungeness | 29.953 | 62.1 | 58.9 | 67.5 | 56.6 | 80 | 1887, 94 | 39 | 1890 | 13 | 1.81 | — | — |
| Wick | 29.813 | 55.5 | 53.5 | 61.4 | 48.6 | 85 | 1893 | 30 | 1898 | 18 | 2.61 | — | — |
| Nairn | 29.817 | 56.0 | 53.2 | 63.9 | 49.9 | 88 | 1899 | 33 | 1885, 91 | 18 | 2.88 | — | — |
| Aberdeen | 29.835 | 56.7 | 53.5 | 63.1 | 50.2 | 81 | 1880, 82, 99 | 33 | 1885 | 18 | 3.03 | 153.3 | 33 |
| Leith | 29.848 | 57.7 | 54.6 | 66.0 | 51.4 | 85 | 1893 | 37 | 1874 | 16 | 2.72 | — | — |
| North Shields | 29.871 | 57.3 | 54.7 | 64.0 | 51.8 | 83 | 1893 | 39 | 1892 | 16 | 2.83 | — | — |
| Spurn Head | 29.904 | 59.4 | 56.8 | 64.7 | 55.0 | (87)* | [1893] | (46)* | [1887, 90, 1900] | 15 | 1.87 | — | — |
| Yarmouth | 29.929 | 60.6 | 57.6 | 66.3 | 54.8 | 85 | 1893 | 42 | 1876, 85 | 14 | 2.26 | — | — |
| Loughborough | 29.935 | 60.1 | 56.2 | 70.4 | 52.0 | (91)* | [1893] | (38)* | [1885, 87, 88] | 14 | 2.46 | — | — |
| Oxford | 29.954 | 60.9 | 56.0 | 69.4 | 53.0 | 90 | 1876 | 39 | 1892 | 13 | 2.38 | 185.7 | 42 |
| LONDON | 29.961 | 61.0 | 57.4 | 71.9 | 53.7 | 96 | 1876 | 39 | 1887, 90 | 13 | 2.30 | 165.9 | 37 |
| Sumburgh Head | 29.783 | 50.8 | 49.1 | 54.9 | 46.2 | 69 | 1898 | 34 | 1887, 88 | 20 | 3.48 | — | — |
| Stornoway | 29.800 | 51.5 | 50.2 | 58.7 | 45.7 | 72 | 1898 | 32 | 1871, 75, 85 | 21 | 4.17 | 107.4 | 28 |
| Malin Head | 29.834 | 53.7 | 51.4 | 58.5 | 51.1 | (78)* | [1898] | (38)* | [1886] | (21)* | (3.11)* | — | — |
| Blackod Point | 29.865 | 55.3 | 52.9 | 59.8 | 51.6 | (78)* | [1898] | (39)* | [1890] | (21)* | (3.09)* | — | — |
| Valencia | 29.903 | 56.6 | 54.2 | 61.9 | 51.4 | 79 | 1898 | 35 | 1899 | 19 | 4.34 | 133.4 | 36 |
| Roche's Point | 29.906 | 55.8 | 53.7 | 61.9 | 51.3 | 74 | 1880 | 39 | 1893 | 14 | 3.62 | — | — |
| Parsonstown | 29.947 | 52.9 | 51.0 | 61.9 | 47.3 | 79 | 1890, 98 | 29 | 1890 | 17 | 2.92 | 139.2 | 35 |
| Donaghadee | 29.913 | 53.7 | 52.4 | 60.1 | 49.3 | 74 | 1898 | 36 | 1882, 94, 99 | 17 | 2.80 | — | — |
| Liverpool | 29.944 | 54.8 | 52.1 | 61.5 | 50.9 | 82 | 1880 | 39 | 1885 | 16 | 3.12 | — | — |
| Holyhead | 29.939 | 55.9 | 53.7 | 60.8 | 52.3 | 78 | 1880 | 43 | 1873, 85, 97 | 16 | 3.04 | — | — |
| Pembroke | 29.962 | 56.4 | 54.2 | 60.4 | 53.2 | 74 | 1895 | 40 | 1885 | 16 | 3.24 | 148.3 | 44 |
| Scilly | 29.983 | 58.8 | 56.6 | 62.4 | 54.9 | 73 | 1899 | 44 | 1885, 88 | 17 | 3.15 | — | — |
| Jersey | 30.008 | 60.4 | 57.2 | 66.0 | 55.0 | 86 | 1895 | 41 | 1891 | 15 | 3.04 | 184.9 | 50 |
| Portland Bill | [30.038] | [59.0] | [57.0] | [64.7] | [54.0] | — | — | — | — | (9) | (1.53) | — | — |
| Dungeness | 29.981 | 58.0 | 55.5 | 64.0 | 53.0 | 78 | 1898, 99 | 32 | 1885 | 14 | 2.53 | — | — |
| Wick | 29.822 | 52.1 | 50.3 | 58.0 | 45.7 | 78 | 1898 | 29 | 1885, 87 | 19 | 2.70 | — | — |
| Nairn | 29.835 | 53.6 | 49.4 | 59.7 | 45.9 | 83 | 1898 | 25 | 1892 | 17 | 2.54 | — | — |
| Aberdeen | 29.850 | 52.5 | 49.9 | 59.4 | 46.6 | 81 | 1898 | 30 | 1887 | 17 | 2.87 | 124.0 | 33 |
| Leith | 29.880 | 53.5 | 50.9 | 62.1 | 47.5 | 83 | 1898 | 33 | 1886 | 15 | 3.19 | — | — |
| North Shields | 29.905 | 53.2 | 51.1 | 60.4 | 48.3 | 81 | 1898 | 34 | 1885, 82, 93 | 14 | 2.20 | — | — |
| Spurn Head | 29.941 | 55.7 | 53.8 | 60.9 | 52.4 | (79)* | [1899] | (38)* | [1892] | 14 | 1.80 | — | — |
| Yarmouth | 29.956 | 56.5 | 54.3 | 62.4 | 51.3 | 78 | 1899, 98 | 33 | 1885 | 15 | 2.57 | — | — |
| Loughborough | 29.970 | 58.5 | 51.7 | 65.5 | 47.5 | (90)* | [1898] | (32)* | [1898] | 14 | 2.44 | — | — |
| Oxford | 29.985 | 59.0 | 52.1 | 64.0 | 48.8 | 90 | 1898 | 33 | 1885 | 15 | 2.39 | 144.2 | 39 |
| LONDON | 29.991 | 59.8 | 53.4 | 66.8 | 49.7 | 91 | 1898 | 30 | 1877 | 13 | 2.21 | 116.0 | 31 |

* These values are from observations made during the following periods:—Spurn Head and Loughborough, 20 years, 1880-1900; Malin Head and Blackod Point (Balmuccia), 15 years, 1885-1900.
† The Sunshine values are for Westminster.
‡ The values for Portland Bill are for two years only, 1890-1900.

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 1st November, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|-------------------------|----------------------------|--|---------------------|---------------------------------|------------------------------------|--------------|---|------------------------------------|--------------|---------------------|----------|-------|------|------------------|----------|-------------|----------------|-------------------------|-------------------|------|--|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall. Ins. | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| At 82° and M.S.L. | Dry Bulb. | Direc. | Force (0 to 12.) | At 82° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | Weather. | Max. | Min. | | | | | | | | |
| Ins. | Ins. | ° | ° | Ins. | Ins. | ° | ° | Ins. | Ins. | ° | ° | Ins. | Ins. | Hours | Ins. | | | | | | |
| SCANDINAVIA. | Haparanda ... | 29.25 | 29 | NW. | 2 | c | 28.77 | -0.36 | 31 | 31 | -1 | ENE | 4 | S | * | - | 36 | 28 | * | 0.04 | |
| | Hernösand ... | 29.46 | 34 | Z | 0 | c | 28.81 | -0.64 | 37 | 35 | 0 | SW | 2 | C | * | - | 43 | 27 | * | 0.12 | |
| | Stockholm ... | 29.65 | 37 | Z | 0 | δ | 29.15 | -0.46 | 48 | 46 | +9 | SSW | 6 | 0 | * | - | 48 | 36 | * | - | |
| | Wishby ... | 29.75 | 44 | Z | 0 | δ | 29.43 | -0.21 | 46 | 44 | +2 | SW | 8 | 0 | * | - | 46 | 36 | * | - | |
| | Karlstad ... | 29.64 | 41 | SW | 4 | c | 29.16 | -0.54 | 52 | 49 | +17 | SW | 6 | δ | * | - | 4 | 4 | * | - | |
| | Færder (X'iania Fjord) ... | 29.63 | 45 | SW | 6 | 0 | 29.17 | -0.55 | 52 | 51 | +10 | SW | 8 | δ | 4 | - | 52 | 42 | * | - | |
| | Bodö ... | 29.19 | 30 | W | 4 | 0 | 28.39 | -1.00 | 35 | 34 | 0 | SE | 4 | 0 | 2 | - | 36 | 28 | * | - | |
| | Christiansund ... | 28.72 | 48 | W | 10 | τ | 28.83 | -0.85 | 46 | 42 | +10 | W | 9 | τ | 8 | - | 48 | 36 | * | 0.91 | |
| | Skudesnaes ... | 29.61 | 50 | S | 6 | 0 | 29.46 | -0.42 | 51 | 48 | +10 | WSW | 8 | 0 | 5 | τ, 0 | 52 | 41 | * | - | |
| BRITISH ISLANDS. | Sumburgh Head ... | 29.45 | 51 | W | 4 | τ | 29.58 | -0.16 | 46 | 40 | +2 | W | 7 | δ | 6 | τ | 52 | 44 | * | 0.10 | |
| | Stornoway ... | 29.69 | 54 | W | 5 | 0 | 29.75 | +0.09 | 47 | 44 | -4 | WNW | 6 | crq | 6 | od, 0 | 55 | 45 | 0.0 | 0.13 | |
| | Malin Head ... | 29.98 | 55 | W | 7 | omr | 29.95 | -0.04 | 52 | 52 | +1 | WNW | 6 | τm | 5 | omr | 55 | 51 | * | 0.03 | |
| | Blacksod Pt. ... | 30.13 | 55 | W | 4 | δc | 30.10 | -0.04 | 55 | 54 | +2 | W | 4 | om | 4 | ref, δc | 56 | 52 | * | 0.04 | |
| | Valencia ... | 30.25 | 55 | WSW | 2 | τm | 30.22 | -0.08 | 55 | 54 | +2 | WNW | 1 | om | 4 | om, τm | 55 | 52 | 0.0 | 0.06 | |
| | Roche's Point ... | 30.23 | 55 | WNW | 3 | 0 | 30.20 | -0.11 | 54 | 53 | +6 | NW | 3 | c | 1 | 0 | 55 | 48 | * | - | |
| | Parsonstown ... | 30.17 | 55 | NW | 4 | 0 | 30.15 | -0.08 | 51 | 50 | +2 | W | 2 | ogm | * | 0 | 55 | 48 | 0.0 | 0.01 | |
| | Donaghadee ... | 30.03 | 56 | WNW | 3 | 0 | 30.00 | -0.13 | 53 | 51 | +7 | WNW | 3 | δc | 3 | - | 56 | 46 | * | - | |
| | Liverpool Obsy. ... | 30.10 | 52 | W | 5 | 0 | 30.07 | -0.10 | 52 | 50 | +3 | W | 5 | δ | 4 | o, p | 54 | 49 | * | 0.01 | |
| GERMANY, &c. | Holyhead ... | 30.14 | 54 | WSW | 2 | omdp | 30.11 | -0.10 | 53 | 52 | +4 | W | 3 | c | 2 | o, om, dp | 54 | 46 | * | - | |
| | Pembroke (St. Ann's) ... | 30.19 | 54 | W | 5 | c | 30.17 | -0.10 | 54 | 53 | +3 | NW | 3 | cg | 2 | c, f | 55 | 50 | 1.0 | 0.01 | |
| | Scilly (St. Mary's) ... | 30.27 | 52 | WNW | 4 | c | 30.19 | -0.09 | 53 | 52 | +1 | NW | 4 | f | 3 | c | 55 | 48 | 0.2 | 0.01 | |
| | Jersey (St. Aubins) ... | 30.27 | 51 | WNW | 3 | δc, τm | 30.19 | -0.10 | 55 | 53 | +3 | W | 2 | om | 2 | c, m, δc, w | 57 | 49 | 3.8 | - | |
| | Portland Bill ... | 30.22 | 52 | NW | 5 | c | 30.17 | -0.11 | 54 | 52 | +5 | NW | 2 | δ | 2 | c | 54 | 47 | * | - | |
| | Dungeness ... | 30.19 | 49 | NW | 2 | c | 30.12 | -0.10 | 54 | 49 | +14 | NW | 1 | δ | 0 | δc, c | 54 | 38 | * | - | |
| | Wick ... | 29.61 | 59 | W | 6 | c | 29.63 | +0.02 | 46 | 43 | 0 | NW | 8 | c | 3 | og, c | 62 | 43 | * | 0.02 | |
| | Nairn ... | 29.72 | 57 | W | 2 | 0 | 29.74 | +0.02 | 50 | 48 | 0 | WNW | 4 | τ | 2 | - | 60 | 48 | * | 0.02 | |
| | Aberdeen ... | 29.73 | 58 | SW | 3 | c | 29.72 | -0.11 | 53 | 51 | +10 | W | 3 | op | 2 | c | 61 | 43 | 0.7 | 0.01 | |
| FRANCE. | Leith ... | 29.86 | 55 | WSW | 3 | c | 29.82 | -0.12 | 55 | 52 | +7 | SW | 4 | δc | * | - | 56 | 46 | * | - | |
| | North Shields ... | 29.91 | 54 | W | 3 | 0 | 29.90 | -0.15 | 55 | 52 | +9 | WSW | 3 | c | 2 | τ, 0 | 55 | 45 | * | 0.16 | |
| | Spurn Head ... | 30.00 | 50 | SSW | 4 | c | 29.98 | -0.14 | 53 | 52 | +10 | WSW | 5 | δc | 4 | - | 53 | 42 | * | - | |
| | Yarmouth ... | 30.09 | 50 | WSW | 3 | c | 30.03 | -0.12 | 52 | 50 | +12 | WSW | 2 | δc, m | 3 | δc, c | 52 | 37 | * | - | |
| | Loughborough ... | 30.12 | 50 | WSW | 3 | 0 | 30.09 | -0.11 | 53 | 50 | +11 | WSW | 3 | 0 | * | c, om | 53 | 42 | * | - | |
| | Oxford ... | 30.16 | 49 | WSW | 3 | 0 | 30.14 | -0.12 | 49 | 48 | +10 | WSW | 2 | 0 | * | - | 52 | 39 | * | - | |
| | London (Brixton) ... | 30.17 | 50 | SW | 1 | 0 | 30.12 | -0.11 | 48 | 47 | +11 | WSW | 2 | 0 | * | c, og | 53 | 37 | 0.5 | - | |
| | The Scaw (Skagen) ... | 29.74 | 45 | W | 3 | τ | 29.45 | -0.32 | 52 | 50 | +8 | W | 6 | δc | 2 | - | 52 | 43 | * | - | |
| | Fanö ... | 29.91 | 49 | W | 5 | δc | 29.78 | -0.20 | 52 | 51 | +9 | WSW | 6 | 0 | * | - | 52 | 43 | * | - | |
| SPAIN PEN. | Cuxhaven ... | 30.06 | 47 | W | 2 | 0 | 29.93 | -0.10 | 47 | 46 | +1 | SW | 5 | 0 | * | - | 48 | 45 | * | 0.04 | |
| | The Helder ... | 30.06 | 50 | W | 3 | c | 29.98 | -0.12 | 54 | 52 | +5 | W | 2 | c | 3 | - | 54 | 48 | * | 0.04 | |
| | Brussels ... | * | * | * | * | * | 30.14 | -0.05 | 43 | 42 | +3 | SW | 1 | τ | * | - | 52 | 39 | * | - | |
| | Berlin ... | 30.10 | 45 | W | 1 | c | 30.06 | +0.06 | 38 | 37 | -4 | SW | 2 | δ | * | - | 48 | 37 | * | - | |
| | Frankfurt ... | 30.22 | 42 | SW | 2 | f | 30.21 | +0.11 | 36 | 36 | -9 | WSW | 1 | f | * | - | 50 | 36 | * | - | |
| | Munich ... | 30.20 | 42 | W | 2 | 0 | 30.19 | +0.06 | 41 | 41 | 0 | SE | 2 | f | * | - | 45 | 41 | * | 0.04 | |
| | C. Gris Nez ... | 30.19 | 50 | WNW | 3 | δ | 30.13 | -0.05 | 52 | 51 | +5 | WNW | 3 | 0 | 2 | - | 57 | 47 | * | - | |
| | Brest ... | 30.29 | 51 | N | 2 | δc | 30.24 | -0.05 | 53 | 49 | +6 | NNW | 2 | 0 | 2 | - | 61 | 46 | * | - | |
| | Lorient ... | 30.26 | 54 | NE | 3 | δc | 30.24 | -0.01 | 52 | 49 | +2 | NNW | 3 | 0 | 2 | - | 59 | 48 | * | - | |
| SPAIN PEN. | Rochefort ... | 30.22 | 50 | NE | 1 | m | 30.20 | -0.01 | 43 | 43 | -4 | NE | 4 | δ | * | m | 55 | 39 | * | - | |
| | Biarritz ... | 30.25 | 56 | N | 3 | 0 | 30.19 | -0.06 | 45 | 45 | -1 | E | 2 | c | 2 | - | 64 | 45 | * | - | |
| | Paris ... | 30.24 | 46 | N | 3 | δ | 30.22 | +0.03 | 37 | 37 | -6 | SSW | 1 | 0 | * | - | 55 | 33 | * | - | |
| | Belfort ... | 30.16 | 42 | Z | 0 | f | 30.15 | +0.02 | 41 | ? | +2 | ENE | 4 | f | * | - | 45 | 39 | * | - | |
| | Lyons ... | 30.19 | 45 | N | 2 | 0 | 30.19 | 0.00 | 43 | 41 | 0 | N | 1 | 0 | * | - | 48 | 42 | * | - | |
| SPAIN PEN. | Nice ... | 29.86 | 55 | Z | 0 | δc | 29.95 | +0.06 | 52 | 47 | +2 | Z | 0 | δc | 2 | - | 66 | 50 | * | - | |
| | Perpignan ... | 30.06 | 54 | NW | 5 | δ | 30.05 | +0.01 | 48 | 43 | -4 | W | 2 | δ | * | - | 65 | 46 | * | - | |
| | Corunna ... | | | | | | | | | | | | | | | | | * | | | |
| SPAIN PEN. | Lisbon ... | | | | | | | | | | | | | | | | | * | | | |
| | Azores (P. Delgada) ... | | | | | | | | | | | | | | | | | * | | | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

FOR, Saturday, 1st November, 1902.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 \rightarrow

Force 5 to 7 \longrightarrow

Force 8 to 10 $\Rightarrow \Rightarrow \Rightarrow$

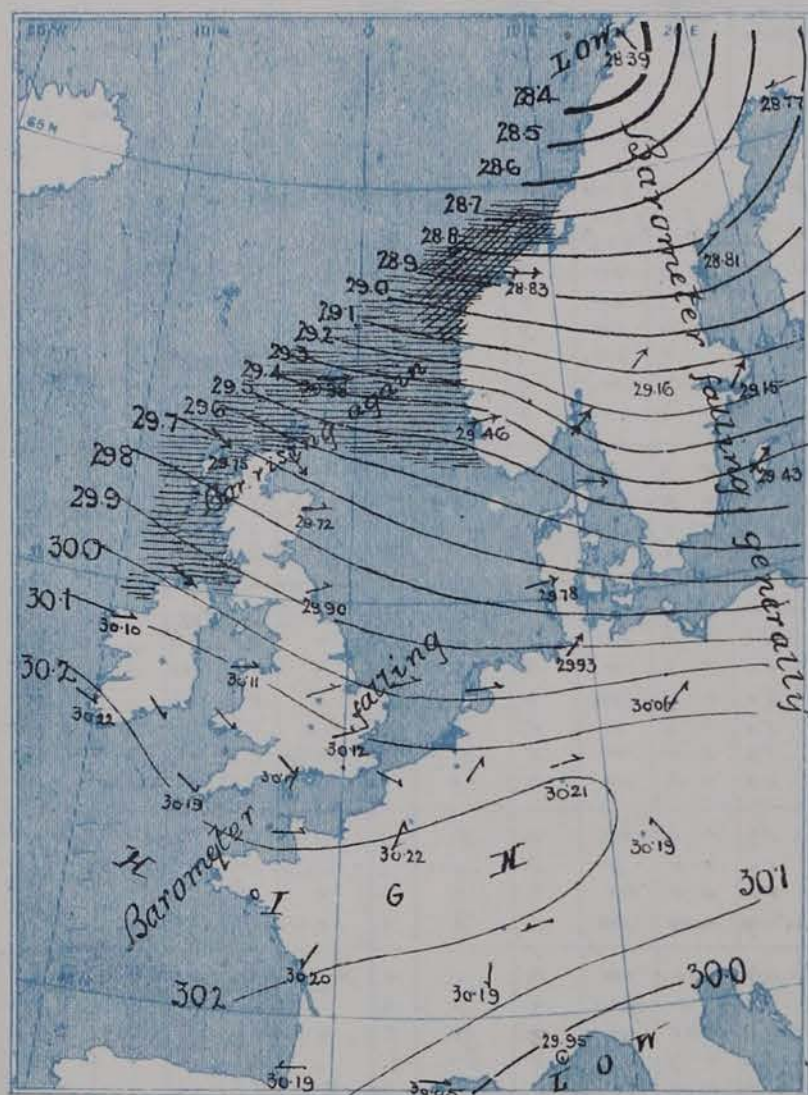
Force 1 to 4 \longrightarrow

NEA—*Range*

High

1999

Calm ©

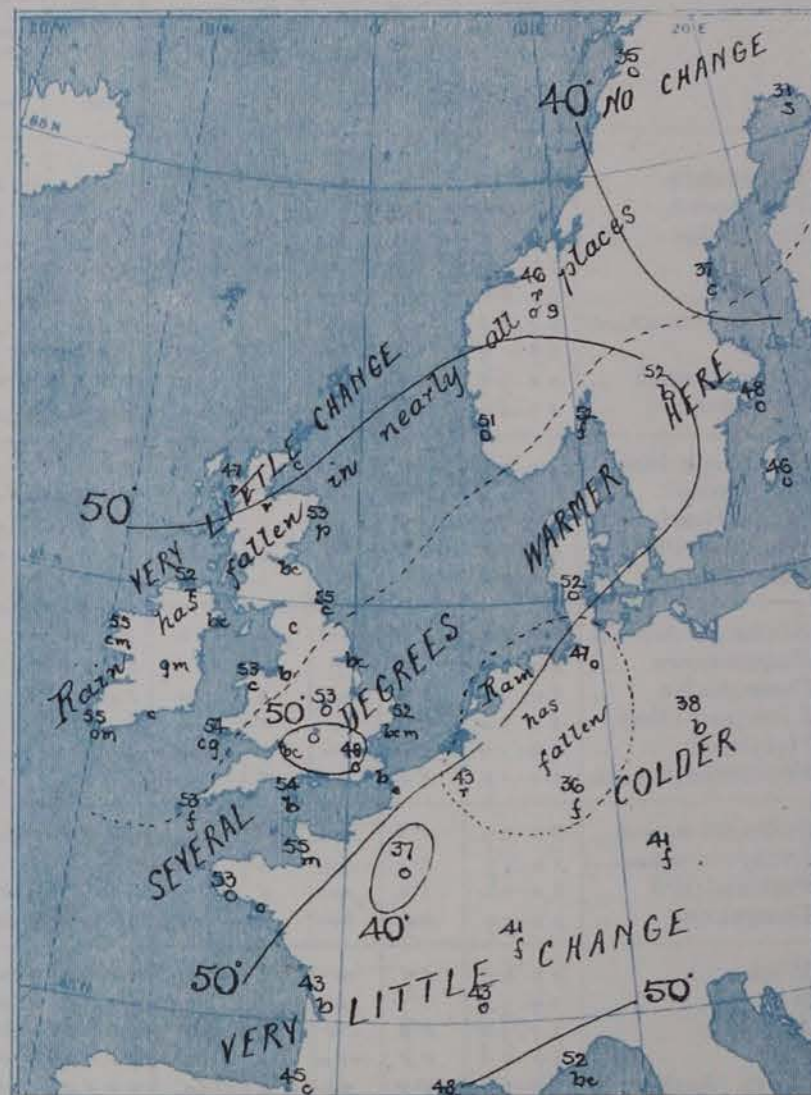


TEMPERATURE.—Isotherms are drawn for each 10° .

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus: .06.



Yesterday morning.



| | | |
|-----------------|--|------------|
| Specimen | { Average N ^o of Hours daily Total Possible } | 1.4 7.7 |
| (for Stornoway) | | |

| | | |
|-----------------|--|------------|
| Specimen | { Average N ^o of Hours daily Total Possible } | 1.4 7.7 |
| (for Stornoway) | | |



OCTOBER NOVEMBER (1877-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

In the course of the past night a very large and deep depression has appeared over the north of Scandinavia and is apparently moving south-eastwards; in the mean time the highest pressures are still found over the Bay of Biscay and France. This morning's readings range from 30.22 ins. at Valencia and Paris to 29.63 ins. at Wick, and 28.39 ins. at Bodø. In Ireland the barometer is falling while in Scotland it is rising.

WIND

TEMPERATURE

WEATHER

AND

SEA

W²⁴ gales of considerable force are blowing at the Scandinavian stations, while over Caithness the gale is NW²⁴; strong W²⁴ breezes prevail in Denmark and fresh to moderate over the northern parts of our Islands generally; in the south and over France the wind is very light and anticyclonic. Temperature has risen greatly over England and the southern half of Norway, fallen over France; in our Islands it is mostly above 50° and is high for the time of year. Many of our stations are 15° warmer than Paris or Berlin. Weather, though fair at present over the southern half of our area, is very rainy and rough in the north, and is in a changeable unstable condition generally. Sea is rough in the extreme north and northwest, moderate in the east, slight in the south and southwest. Much rain has fallen at Bodø, and a little in many parts of our Islands. Bright Sunshine has been very deficient except at our southern coast stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are indications that secondary systems are approaching our western and southern districts from the Atlantic. The intensity of some of these is at present unknown, but very changeable weather, some rain, and falling temperature are probable in all districts.

FORECASTS *

For the 24 hours ending at NOON on 2nd Nov: 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

| | | |
|------|------------------|---|
| 0 FT | SCOTLAND NORTH | NW ²⁴ and Variable winds and gales; rainy, unsettled, colder. |
| 1 FT | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | Wind varying from NW to SW, force not evident at present; rainy and very unsettled. |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

| | | |
|-------|---------------|----------------------|
| 6 FT | SCOTLAND WEST | Same as Nos 0 and 1. |
| 7 FT | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | Same as Nos 2 to 5. |
| 9 FT | IRELAND NORTH | |
| 10 FT | IRELAND SOUTH | |

WARNINGS

At 7.10 p.m. yesterday to District 7 and part of 9. "Hoist South Cone." The South Cone is still flying in Distrs. 0, 1, 6 and rem^d of 9.

Note.—The South Cone, point downwards (T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|-------|-------|----------|---------------------|--------------|------|---------|-------|----------|------|----------------|--------------|------|--------|----------|
| | Bar. | Temp. | Wind. | Weather. | Barometer. | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- | Rainfall |
| | Ins. | ° | | | Ins. Change. | Dry. | Wet. | Change. | | | | | Max. | Min. | shine. | Ins. |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | 0 | * | b, b, c | 52 | 41 | 7.6 | - |
| Newton Reigny (Penrith) ... | 30.00 | 52 | WSW 2 | 0 | 29.96 - .14 | 52 | 50 | + 6 | WSW 4 | c | * | od, c | 54 | 45 | 0.0 | 0.05 |
| Bath | 30.20 | 51 | N 3 | 0 | 30.16 - .09 | 48 | 48 | + 13 | NE 1 | b, c | * | - | 53 | 35 | 0.5 | 0.01 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. |
|-----------------------------|--------------|------|----------|-----------|-----------|------------------------|--------------|------|----------|-----------|-----------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 50 | 37 | 0 r | 0.0 | 0.12 | Worthing | * | * | * | 5.2 | * |
| Birmingham, 9 p.m. ... | 50 | 41 | 0 | 0.0 | - | Llandudno | * | * | * | * | * |
| Lowestoft, up to 6 p.m. ... | * | * | * | * | * | Rhyl up to 6 p.m. ... | * | * | * | 0.0 | * |
| Hastings | * | * | * | 5.6 | * | Southport, 9 p.m. ... | 53 | 48 | 0 r, c | 0.0 | 0.02 |
| Eastbourne up to 6 p.m. ... | * | * | * | 4.8 | * | Manchester, 9 p.m. ... | 55 | 39 | od | 0.0 | 0.06 |
| Brighton | * | * | * | 4.8 | * | Darwen, 9 p.m. ... | 51 | 39 | om | 0.0 | 0.09 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. at 1 p.m. | WEATHER. 1 p.m. | RAIN. (measured at 7 a.m.) |
|--------------------------|-----------------|------|----------|-------|-----------------|------------------------------|--------------------|-------------------------------|
| | Max. | Min. | | | | | | |
| 31 OCT. | | | | Ins. | 30 | | | Ins. |
| Marseilles | 64 | 39 | b, b | - | Geneva | 46 | m | - |
| Utrecht | 48 | 34 | r, f | 0.04 | Berne | 43 | o | - |
| Copenhagen | 48 | 41 | m, o | - | Lucerne | 45 | o | - |
| Prague | 45 | 37 | f, f | - | Lausanne | 45 | m | - |
| Vienna | 52 | 46 | o, o | - | Lugano | 55 | b | - |
| Buda-Pesth | 54 | 37 | f, o | - | Locarno | 57 | b | - |
| St. Petersburg | 48 | 37 | r, r | - | | | | |
| Rome | 65 | 50 | b, b | 0.12 | | | | |
| Malta | 70 | 57 | ?, c | 2.25 | | | | |
| Madeira (Funchal) | 72 | 57 | b, o | 0.08 | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. | 1 st Nov. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|---|--|--------------------------------------|--|--------------------------------------|----------------------------|-------------------|----------------|------------------|
| | | | | | | | | |
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. | Yarmouth | 6.50 | 11.37 | 4.24 |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. | Greenwich | 6.55 | 11.44 | 4.33 |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. | Wick | 7.30 | 11.56 | 4.22 |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. | Valencia | 7.37 | 12.25 | 5.13 |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | | | | | |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on SUNDAY 2ND NOVEMBER

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|------------------|-------------------------|--|-------|--------|---------------------|----------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|------------------|----------|-----------|----------------|-------------------------|-------------------|---------------------------|--------------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall. Ins. | | |
| | | | | Direc. | Force (0 to 12.) | | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | | At 32° and M. S. L. | Dry Bulb. |
| | | | | | | | | | | | | | | | | | | | | | |
| SCANDINAVIA. | Haparanda ... | | | | | | | | | | | | | | | | | | | | |
| | Hernösand ... | | | | | | | | | | | | | | | | | | | | |
| | Stockholm ... | 29.06 | 47 | SW | 8 | b | 29.37 | +22 | 42 | 36 | -6 | WNW | 8 | b | x | - | 57 | 34 | * | - | |
| | Wisby ... | 29.26 | 42 | WSW | 8 | b | 29.30 | -13 | 45 | 39 | -1 | WSW | 8 | b | x | - | 52 | 37 | * | - | |
| | Karlstad ... | 29.19 | 44 | SW | 8 | b | 29.67 | +51 | 41 | 34 | -11 | NW | 6 | b | x | - | 5 | * | * | - | |
| | Færder (X'ania Fjord) | 29.29 | 47 | W | 7 | b | 29.74 | +57 | 46 | 41 | -6 | WNW | 6 | b | 3 | - | 52 | 45 | * | - | |
| | Bodö ... | 28.56 | 37 | S | 4 | o | 29.31 | +62 | 38 | 35 | +3 | N | 6 | b | 3 | - | 57 | 32 | * | - | |
| | Christiansund ... | 29.25 | 42 | W | 9 | t | 29.82 | +49 | 40 | 36 | -6 | NW | 8 | t | 7 | - | 48 | 39 | * | 0.71 | |
| | Skudesnaes ... | 29.66 | 45 | NW | 9 | c | 30.05 | +59 | 42 | 39 | -9 | NNW | 7 | c | 4 | c | 51 | 41 | * | * | |
| BRITISH ISLANDS. | Sumburgh Head ... | 29.74 | 45 | WNW | 6 | o | 30.01 | +63 | 45 | 43 | -1 | W | 3 | c | 6 | bc, o | 47 | 41 | * | 0.10 | |
| | Stornoway ... | 30.06 | 44 | NNW | 5 | og | 30.16 | +41 | 44 | 42 | -3 | WSW | 2 | c | 2 | o, t, og | 48 | 38 | 1.8 | 0.05 | |
| | Malin Head ... | 30.18 | 49 | NW | 6 | bc | 30.24 | +29 | 47 | 46 | -5 | S | 3 | c | 3 | bc | 52 | 47 | * | 0.01 | |
| | Blacksod Pt. ... | 30.25 | 50 | NNW | 4 | c | 30.25 | +15 | 49 | 44 | -6 | SE | 2 | c | 2 | cp, c | 55 | 47 | * | 0.02 | |
| | Valencia ... | 30.25 | 55 | NE | 2 | o | 30.27 | +05 | 50 | 50 | -5 | Z | 0 | omg | | o | 57 | 50 | 0.0 | - | |
| | Roche's Point ... | 30.23 | 56 | NNW | 3 | o | 30.28 | +08 | 48 | 46 | -6 | SE | 3 | o | 0 | c, o | 58 | 47 | * | - | |
| | Parsonstown ... | 30.24 | 49 | W | 1 | c | 30.29 | +14 | 31 | 31 | -20 | NW | 1 | c | x | ogp, c | 57 | 30 | 0.4 | 0.01 | |
| | Donaghadee ... | 30.16 | 48 | NW | 3 | c | 30.27 | +27 | 46 | 44 | -7 | NW | 2 | c | 2 | - | 57 | 41 | * | 0.02 | |
| GERMANY, &c. | Liverpool Obsy. ... | 30.18 | 50 | NW | 3 | c | 30.29 | +22 | 40 | 39 | -12 | SE | 1 | b | ? | c | 56 | 38 | * | 0.02 | |
| | Holyhead ... | 30.19 | 52 | NNE | 3 | cp | 30.29 | +18 | 48 | 44 | -5 | NE | 2 | c | 1 | c, cp | 56 | 44 | * | 0.03 | |
| | Pembroke (St. Ann's) | 30.20 | 55 | N | 1 | c | 30.25 | +08 | 50 | 48 | -4 | NE | 2 | c | 2 | ogp | 57 | 46 | 1.3 | - | |
| | Scilly (St. Mary's) ... | 30.18 | 54 | N | 4 | of | 30.28 | +09 | 53 | 50 | 0 | ENE | 2 | c | 3 | f, of | 55 | 49 | 0.3 | - | |
| | Jersey (St. Aubins) ... | 30.17 | 56 | NNW | 3 | cg | 30.22 | +03 | 56 | 54 | +1 | ENE | 3 | od | 3 | d, c, cg | 59 | 54 | 3.0 | 0.01 | |
| | Portland Bill ... | 30.15 | 55 | NNW | 3 | c | 30.25 | +08 | 50 | 47 | -4 | NE | 3 | c | 2 | c | 58 | 47 | * | - | |
| | Dungeness ... | 30.10 | 50 | NW | 1 | b | 30.25 | +13 | 54 | 52 | 0 | E | 4 | c | 1 | o, b | 57 | 47 | * | - | |
| | Wick ... | 29.97 | 39 | NW | 7 | c | 30.13 | +50 | 41 | 40 | -5 | SW | 2 | bc | 1 | - | 48 | 36 | * | 0.05 | |
| FRANCE. | Nairn ... | 30.08 | 44 | W | 1 | c | 30.19 | +45 | 40 | 39 | -10 | WSW | 1 | b | 1 | - | 50 | 37 | * | 0.02 | |
| | Aberdeen ... | 29.99 | 45 | WNW | 8 | b | 30.23 | +51 | 41 | 38 | -12 | SW | 1 | b | 1 | b | 54 | 36 | 5.1 | - | |
| | Leith ... | 30.07 | 50 | SW | 2 | b | 30.27 | +45 | 35 | 34 | -20 | Z | 0 | c | * | - | 55 | 34 | * | - | |
| | North Shields ... | 30.05 | 50 | W | 3 | c | 30.29 | +39 | 37 | 36 | -18 | WSW | 2 | bm | 2 | p, c | 58 | 35 | * | - | |
| | Spurn Head ... | 30.07 | 54 | W | 4 | bc | 30.29 | +31 | 45 | 44 | -8 | N | 1 | bc | 3 | - | 57 | 43 | * | - | |
| | Yarmouth ... | 30.04 | 55 | WNW | 3 | bc | 30.26 | +23 | 50 | 46 | -2 | NNE | 4 | bcv | 4 | b, bc | 59 | 46 | * | - | |
| | Loughborough ... | 30.13 | 54 | WNW | 1 | c | 30.33 | +24 | 30 | 30 | -23 | W | 1 | bm | * | c, bc, bm | 59 | 30 | * | - | |
| | Oxford ... | 30.18 | 50 | W | 1 | bc | 30.32 | +18 | 40 | 39 | -9 | NNE | 1 | o | * | o, bc | 57 | 39 | * | - | |
| SPAN. PEN. | London (Brixton) | 30.13 | 52 | WNW | 1 | om | 30.27 | +15 | 47 | 45 | -1 | Z | 0 | c | * | c, om | 59 | 46 | 0.0 | - | |
| | The Scaw (Skagen) | 29.49 | 47 | WNW | 7 | b | 29.84 | +39 | 47 | 43 | -5 | NW | 5 | b | 1 | - | 54 | 46 | * | - | |
| | Fanö ... | 29.91 | 48 | WNW | 8 | b | 30.10 | +32 | 46 | 43 | -6 | NW | 6 | b | * | - | 54 | 46 | * | - | |
| | Cuxhaven ... | 29.90 | 51 | W | 5 | o | 30.15 | +22 | 48 | 45 | +1 | NW | 3 | c | * | - | 52 | 46 | * | - | |
| | The Helder ... | 30.00 | 55 | WNW | 3 | c | 30.24 | +26 | 51 | 47 | -3 | N | 2 | c | 3 | - | 55 | 48 | * | - | |
| | Brussels ... | * | * | * | * | * | 30.28 | +14 | 46 | 44 | +3 | ENE | 2 | b | * | - | 49 | 43 | * | 0.08 | |
| | Berlin ... | 29.93 | 48 | W | 3 | o | 30.07 | +01 | 45 | 43 | +7 | W | 4 | b | * | - | 50 | 38 | * | - | |
| | Frankfurt ... | 30.15 | 45 | SW | 2 | o | 30.23 | +02 | 44 | 43 | +8 | SW | 2 | o | * | - | 46 | 36 | * | - | |
| SPAN. PEN. | Munich ... | 30.16 | 42 | Z | 0 | o | 30.23 | +04 | 40 | 40 | -1 | SE | 2 | o | * | - | 46 | 37 | * | - | |
| | C. Gris Nez ... | 30.13 | 55 | W | 3 | o | 30.22 | +09 | 50 | 49 | -2 | E | 3 | b | 2 | - | 55 | 48 | * | - | |
| | Brest ... | 30.18 | 54 | N | 3 | o | 30.18 | -06 | 53 | 53 | 0 | NE | 1 | o | 1 | - | 55 | 50 | * | - | |
| | Lorient ... | 30.17 | 55 | NW | 2 | m | 30.18 | -06 | 54 | 54 | +2 | ESE | 3 | o | 2 | - | 55 | 52 | * | 0.04 | |
| | Rochefort ... | 30.12 | 51 | NE | 3 | bc | 30.11 | -09 | 44 | 43 | +1 | ENE | 4 | b | * | b, bc | 57 | 39 | * | - | |
| | Biarritz ... | 30.14 | 53 | WNW | 2 | c | 30.12 | -07 | 43 | 41 | -2 | S | 3 | b | 2 | - | 55 | 39 | * | - | |
| | Paris ... | 30.17 | 47 | SW | 2 | o | 30.21 | -01 | 47 | 47 | +10 | N | 1 | f | * | - | 50 | 37 | * | - | |
| | Belfort ... | 30.11 | 44 | ENE | 2 | m | 30.17 | +02 | 39 | 39 | -2 | ENE | 4 | f | * | - | 50 | 35 | * | - | |
| SPAN. PEN. | Lyons ... | 30.16 | 45 | N | 1 | o | 30.15 | -04 | 42 | 40 | -1 | N | 1 | o | * | - | 48 | 41 | * | - | |
| | Nice ... | 29.97 | 56 | NNW | 1 | b | 30.01 | +06 | 49 | 46 | -3 | E | 1 | b | 3 | - | 64 | 46 | * | - | |
| | Perpignan ... | 30.04 | 55 | N | 3 | o | 30.09 | +04 | 40 | 39 | -8 | SW | 2 | b | * | - | 64 | 39 | * | - | |
| | Corunna ... | 30.02 | 61 | NE | 3 | bc | 29.99 | -11 | 49 | 46 | -8 | NE | 1 | b | 3 | - | 63 | 43 | * | - | |
| SPAN. PEN. | Lisbon ... | 29.88 | 59 | NNE | 2 | b | 29.86 | -11 | 51 | 45 | -4 | NE | 5 | b | * | - | 64 | 50 | * | - | |
| | Azores (P. Delgada) | 29.74 | 66 | E | 5 | m | 29.73 | +02 | 64 | 63 | -1 | NE | 3 | m | 5 | - | 68 | 63 | * | 0.28 | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Sunday, 2nd November, 1902.

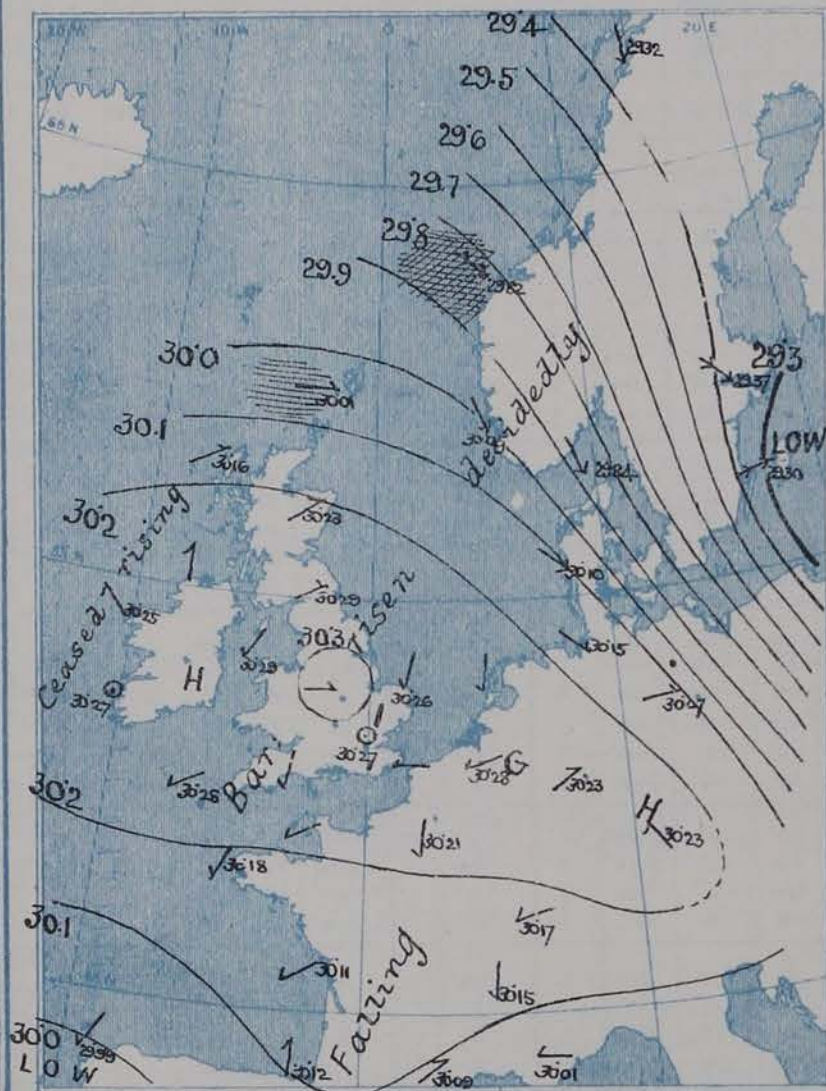
I. BAROMETER, WIND AND SEA, This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 →

SEA.—Rough High



II. TEMPERATURE AND WEATHER, This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus -- 0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen { Average No of } 1.4
(for Stormaway) { Hours daily }
Total Possible 7.7



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

OCTOBER NOVEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The deep cyclonic system noticed yesterday over Scandinavia has travelled eastwards and a large anticyclone has advanced over western Europe from the Atlantic, the highest pressures, 30.3 ins. and upwards, being at present reported over central England. The lowest readings, 29.3 ins. and less, are found over the northern part of the Baltic but the reports from the Gulf of Bothnia have not arrived. The barometer is rising over western Europe generally - quickly in Scandinavia, but in the Hebrides the rise has ceased. A slight fall is reported over the Spanish peninsula and the south-west of France.

WIND

The wind is light from the NE over the south of England, the Netherlands and the greater part of France but is S^W or SW^W over the northern parts of the United Kingdom, and also in the extreme south of France. In Scandinavia and Denmark it is strong to a gale from the NW.

TEMPERATURE

Temperature has fallen over nearly the whole of these Islands, very considerably at our more central stations, the change since yesterday amounting to as many as 23° at Loughborough and 20° at Leith and Parsonsstown. Frost prevails over the central parts of the north of England and Ireland, but on our extreme southern coasts the thermometer remains high for the time of year, the readings being above 50° at most of the Channel stations and as high as 56° at Jersey. In Germany and the southern parts of France the thermometer is below 45°, the readings being as low as 40° at Munich and Perpignan.

WEATHER

AND

SEA

The weather is fair or fine over western Europe generally, but is dull on the south coast of Ireland and rainy at Skudesnøes. The sea slight or smooth on our west coasts but is high at Christiansund and rough at Lumburgh H^d.

During yesterday the thermometer rose to between 55° and 59° at most of the English and Irish stations, in the extreme north of Scotland it did not reach 50°. The duration of bright sunshine was generally small, the largest amount reported being 5.1 hours at Aberdeen. Slight rain has fallen in the west and extreme north of our Islands and a larger amount (0.7 in.) at Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 3RD Nov. 1902

DISTRICTS.

- 0 FT { SCOTLAND NORTH
- 1 FT { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

FORECASTS.

issued.
None

DISTRICTS.

- 6 FT { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 FT { IRELAND NORTH
- 10 { IRELAND SOUTH

FORECASTS.

issued.
None

WARNINGS

At 9.45 am today to Distts. 0, 6 and parts of 1 and 9. "Keep up South Cone".

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|-----------|---------|-------|----------|------|----------------|--------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. ° | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | c | * | c, bc | 59 | 43 | 3.0 | — |
| Newton Reigny (Penrith) | | | | | | | | | | | | * | | | | | |
| Bath | 30.22 | 51 | NE 1 | o | 30.29 | +13 | 45 | 43 | -3 | NE 1 | b | * | - | 57 | 44 | 3.0 | — |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 57 | 50 | b, c, b | 4.2 | — | Worthing | * | * | * | 1.2 | * |
| Birmingham, 9 p.m. ... | 58 | 48 | c | 3.1 | — | Llandudno | * | * | * | 4.0 | * |
| Lowestoft, up to 6 p.m. ... | | | | | | Rhyl | * | * | * | | * |
| Hastings | * | * | * | | * | Southport, 9 p.m. ... | 56 | 47 | c, b | 3.4 | — |
| Eastbourne | * | * | * | | * | Manchester, 9 p.m. ... | 57 | 46 | b | 0.8 | — |
| Brighton | * | * | * | | * | Darwen, 9 p.m. ... | | | | | |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. (measured at 7 a.m.) |
|--------------------------|-----------------|-----------|--------------|-------|-----------------------|-----------------|---|----------|----------------------------------|
| | Max. ° | Min. ° | | | | at 1 p.m. ° | ° | | |
| NOV: 1 st | | | | | OCT: 31 st | | | | |
| Marseilles | | Obs: | not received | Ins. | Geneva | 48 | | c | — |
| Utrecht... .. | | | | | Berne | 45 | | o | — |
| Copenhagen... .. | | | | | Lucerne | 46 | | o | — |
| Prague | | | | | Lausanne | 46 | | bc | — |
| Vienna | | | | | Lugano | 55 | | bc | — |
| Buda-Pesth | | | | | Locarno | 55 | | bc | — |
| St. Petersburg | | | | | | | | | |
| Rome | | | | | | | | | |
| Malta | | | | | | | | | |
| Madeira (Funchal) | | | | | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| | Hours of Morning Observations by Local Standard Time. | | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | | Corresponding Greenwich Times. | 2 nd NOV., 1902. | | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|---|--|-----------|--------------------------------------|--|-----------|--------------------------------------|-----------------------------|--|-------------------|----------------|------------------|
| | | | | | | | | | | | |
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | | 6 p.m. (W.E.T.)† | 6 p.m. | | Yarmouth | | 6.52 | 11.37 | 4.22 |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | | 8 p.m. (M.E.T.) | 7 p.m. | | Greenwich | | 6.57 | 11.44 | 4.31 |
| France | 7 a.m. (Paris) | 6.51 a.m. | | 6 p.m. (Paris) | 5.51 p.m. | | Wick | | 7.32 | 11.56 | 4.20 |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | | 6 p.m. (San Fernando) | 6.25 p.m. | | Valencia | | 7.39 | 12.25 | 5.11 |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | | | | | | | | |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ „ £1 10 0 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

MONDAY 3RD NOVEMBER

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | YESTERDAY EVENING. (See note on last page.) | | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|------------------|--|--------------|--------|------------------------|----------|-----|---|------------------------------------|--------------|--------------|------------------------------------|--------|------------------------|----------|------------------|---------|----------------|------|-------------------------|-------------------|
| | BAROM. | TEMP. | WIND. | | Weather. | | BAROMETER. | | TEMPERATURE. | | | WIND. | | Weather. | Sea (0 to 9.) | | TEMP. | | Sun- shine. Hours | Rainfall. Ins. |
| | At 32° and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | | | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | Force (0 to 12.) | | | | Max. | Min. | | |
| | Ins. | | | | | | Ins. | Ins. | ° | ° | | | | | | | | | | |
| SCANDINAVIA. | Haparanda ... | 29.42 | 28 | NE | 6 | o | 29.58 | | 16 | 15 | | NE | 2 | b | * | - | 32 | 21.6 | * | - |
| | Hernösand ... | 29.74 | 35 | N | 2 | b | 29.65 | | 35 | 33 | | Z | 0 | o | * | - | 43 | 25 | * | - |
| | Stockholm ... | 29.89 | 40 | NW | 6 | b | 29.84 | +47 | 38 | 36 | -4 | SW | 4 | o | * | - | 48 | 37 | * | - |
| | Wisby ... | 29.92 | 44 | NW | 9 | b | 29.99 | +69 | 41 | 40 | -4 | SW | 2 | o | * | - | 50 | 39 | * | - |
| | Karlstad ... | 29.99 | 39 | NW | 4 | c | 29.87 | +20 | 42 | 40 | +1 | SW | 4 | o | * | - | * | * | * | - |
| | Färder (X'ania Fjord) | 30.00 | 45 | WNW | 4 | b | 29.86 | +12 | 46 | 44 | 0 | SW | 6 | o | 3 | - | 48 | 45 | * | - |
| | Bodö ... | 29.60 | 32 | W | 4 | s | 29.28 | -103 | 34 | 32 | -4 | E | 6 | o | 2 | - | 38 | 28 | * | - |
| | Christiansund ... | 29.55 | 42 | W | 8 | + | 29.52 | -30 | 43 | 41 | +3 | WSW | 8 | + | 6 | - | 52 | 39 | * | 0.67 |
| | Skudesnaes ... | 30.09 | 47 | W | 4 | + | 29.84 | -21 | 48 | 45 | +6 | WSW | 6 | o | 4 | + | 48 | 41 | * | * |
| | Sumburgh Head | 29.80 | 46 | W | 4 | op | 29.62 | -39 | 43 | 42 | -2 | W | 3 | + | 4 | c,op | 50 | 43 | * | 0.54 |
| BRITISH ISLANDS. | Stornoway ... | 29.94 | 46 | WSW | 2 | o | 29.82 | -34 | 46 | 45 | +2 | WNW | 3 | + | 3 | p,c,o | 51 | 42 | 2.5 | 0.24 |
| | Malin Head ... | 30.10 | 46 | S | 4 | b | 29.96 | -28 | 52 | 51 | +5 | WNW | 5 | bcp | 3 | c,b | 52 | 46 | * | 0.01 |
| | Blacksod Pt. ... | 30.14 | 50 | SW | 2 | b | 30.03 | -22 | 50 | 49 | +1 | W | 3 | b | 2 | b | 54 | 47 | * | 0.02 |
| | Valencia ... | 30.16 | 54 | SE | 1 | og | 30.08 | -19 | 55 | 54 | +5 | S | 2 | og | 3 | o,og | 55 | 49 | 0.0 | 0.01 |
| | Roche's Point ... | 30.20 | 54 | ESE | 3 | o | 30.11 | -17 | 54 | 53 | +6 | W | 1 | cg | 1 | c,o | 55 | 48 | * | - |
| | Parsonstown ... | 30.18 | 45 | NE | 1 | b | 30.07 | -22 | 51 | 50 | +20 | ESE | 1 | rmg | * | b | 54 | 31 | 5.8 | 0.01 |
| | Donaghadee ... | 30.18 | 46 | WSW | 1 | b | 30.04 | -23 | 47 | 47 | +1 | WSW | 1 | op | 1 | - | 54 | 37 | * | 0.03 |
| | Liverpool Obsy. | 30.21 | 48 | S | 1 | o | 30.11 | -18 | 45 | 43 | +5 | SSW | 1 | b | ? | f,o | 49 | 40 | * | - |
| | Holyhead ... | 30.19 | 48 | SE | 1 | cm | 30.10 | -19 | 52 | 51 | +4 | SW | 3 | o | 2 | bc,cm | 52 | 44 | * | - |
| | Pembroke (St. Ann's) | 30.20 | 50 | SE | 3 | c | 30.14 | -11 | 50 | 49 | 0 | NE | 2 | ogm | 2 | c,omw | 53 | 46 | 1.4 | - |
| GERMANY, &c. | Scilly (St. Mary's)... | 30.17 | 54 | E | 2 | o | 30.08 | -20 | 54 | 52 | +1 | ESE | 1 | c | 3 | o | 57 | 50 | 0.0 | - |
| | Jersey (St. Aubins)... | 30.18 | 57 | NE | 2 | om | 30.14 | -08 | 53 | 51 | -3 | NW | 1 | of | 1 | o,om,g | 57 | 52 | 0.0 | - |
| | Portland Bill ... | 30.21 | 53 | ESE | 4 | o | 30.15 | -10 | 52 | 51 | +2 | ENE | 1 | uw | 1 | m,o | 54 | 47 | * | - |
| | Dungeness ... | 30.25 | 51 | ESE | 4 | bc | 30.16 | -09 | 50 | 48 | -4 | S | 1 | c | 0 | bc | 56 | 48 | * | - |
| | Wick ... | 29.97 | 47 | W | 3 | bc | 29.75 | -38 | 45 | 44 | +4 | NW | 2 | o | 1 | - | 49 | 39 | * | 0.05 |
| | Nairn ... | 30.02 | 45 | WNW | 1 | bc | 29.81 | -38 | 49 | 48 | +9 | WSW | 2 | + | 1 | - | 51 | 39 | * | 0.03 |
| | Aberdeen ... | 30.08 | 41 | SW | 2 | bc | 29.84 | -39 | 45 | 42 | +4 | SW | 2 | cg | 1 | bc | 49 | 38 | 5.7 | - |
| | Leith ... | 30.13 | 46 | SW | 1 | c | 29.95 | -32 | 47 | 44 | +12 | SW | 3 | c | * | - | 51 | 34 | * | - |
| | North Shields ... | 30.16 | 48 | SW | 2 | o | 30.02 | -27 | 41 | 40 | +4 | SW | 2 | cm | 2 | o | 52 | 36 | * | - |
| | Spurn Head ... | 30.22 | 48 | SSE | 3 | bc | 30.16 | | 46 | 46 | | SW | 2 | m | 3 | - | 51 | 44 | * | - |
| FRANCE. | Yarmouth ... | 30.24 | 51 | SSE | 1 | bcv | 30.14 | -12 | 46 | 44 | -4 | SW | 3 | bef | 3 | bc,bev | 52 | 43 | * | - |
| | Loughborough ... | 30.23 | 48 | SE | 2 | c | 30.14 | -19 | 44 | 43 | +14 | WSW | 1 | bcnw | * | bc,c,om | 51 | 30 | * | - |
| | Oxford ... | 30.23 | 49 | ENE | 1 | o | 30.15 | -17 | 46 | 46 | +6 | SSE | 1 | o | * | o | 52 | 40 | * | 0.01 |
| | London (Brixton) | 30.24 | 49 | Z | 0 | c | 30.15 | -12 | 44 | 44 | -3 | SE | 1 | om | * | c,od,mw | 55 | 42 | 1.7 | 0.02 |
| | The Scaw (Skagen) | 30.10 | 45 | WNW | 3 | b | 29.97 | +13 | 43 | 42 | -4 | SW | 4 | c | 1 | - | 48 | 41 | * | - |
| | Fanö ... | 30.21 | 42 | Z | 0 | b | 30.11 | +01 | 46 | 44 | 0 | SW | 2 | + | * | - | 50 | 41 | * | - |
| | Cuxhaven ... | 30.26 | 48 | NW | 1 | o | 30.18 | +03 | 45 | 43 | -3 | SSW | 2 | c | * | - | 50 | 45 | * | - |
| | The Helder ... | | | | | | | | | | | | | | | | | | | |
| | Brussels ... | * | * | * | * | * | 30.19 | -09 | 41 | 39 | -5 | SE | 1 | c | * | - | 55 | 36 | * | - |
| | Berlin ... | 30.23 | 43 | WNW | 1 | b | 30.26 | +19 | 37 | 37 | -8 | Z | 0 | b | * | - | 50 | 36 | * | - |
| SPAN. PEN. | Frankfurt ... | 30.28 | 44 | NE | 2 | c | 30.23 | 00 | 37 | 36 | -7 | ENE | 2 | c | * | - | 52 | 36 | * | - |
| | Munich ... | 30.25 | 41 | E | 4 | c | 30.21 | -02 | 38 | 38 | -2 | E | 3 | o | * | - | 46 | 38 | * | - |
| | C. Gris Nez ... | 30.25 | 45 | ENE | 3 | b | 30.19 | -03 | 43 | 40 | -7 | ESE | 3 | b. | 2 | - | 55 | 41 | * | - |
| | Brest ... | 30.14 | 54 | ENE | 1 | c | 30.09 | -09 | 57 | 51 | +4 | E | 2 | o | 3 | - | 57 | 52 | * | - |
| | Lorient ... | 30.06 | 54 | ESE | 3 | o | 30.10 | -08 | 50 | 50 | -4 | E | 3 | o | 2 | - | 57 | 48 | * | - |
| | Rochefort ... | 30.09 | 50 | ENE | 4 | b | 30.09 | -02 | 41 | 40 | -3 | ENE | 4 | m | * | b | 59 | 37 | * | - |
| | Biarritz ... | 30.06 | 54 | E | 2 | b | 30.04 | -08 | 49 | 46 | +6 | SE | 3 | b | 2 | - | 59 | 43 | * | - |
| | Paris ... | 30.21 | 50 | NE | 3 | b | 30.17 | -04 | ? | ? | ? | NNE | 1 | b | * | - | ? | 42 | * | - |
| | Belfort ... | 30.12 | 44 | ENE | 6 | m | 30.17 | 00 | 34 | 34 | -5 | Z | 0 | f | * | - | 49 | 33 | * | - |
| | Lyons ... | 30.19 | 40 | N | 1 | b | 30.25 | +10 | 30 | 30 | -12 | W | 1 | b | * | - | 49 | 28 | * | - |
| SPAN. PEN. | Nice ... | 30.06 | 53 | SW | 1 | b | 30.14 | +13 | 49 | 46 | 0 | E | 2 | bc | 3 | - | 64 | 46 | * | - |
| | Perpignan ... | 30.06 | 750 | Z | 0 | b | 30.13 | +24 | 45 | 44 | +5 | SW | 2 | o | * | - | 64 | 39 | * | - |
| SPAN. PEN. | Corunna ... | | | | | | | | | | | | | | | | | | | |
| | Lisbon ... | | | | | | | | | | | | | | | | | | | |
| SPAN. PEN. | Azores (P. Delgada) | 29.80 | 63 | ENE | 4 | b | 29.78 | +05 | 61 | 58 | -3 | ENE | 4 | bc | 3 | - | 70 | 59 | * | - |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR *Monday, 3rd November, 1902.*

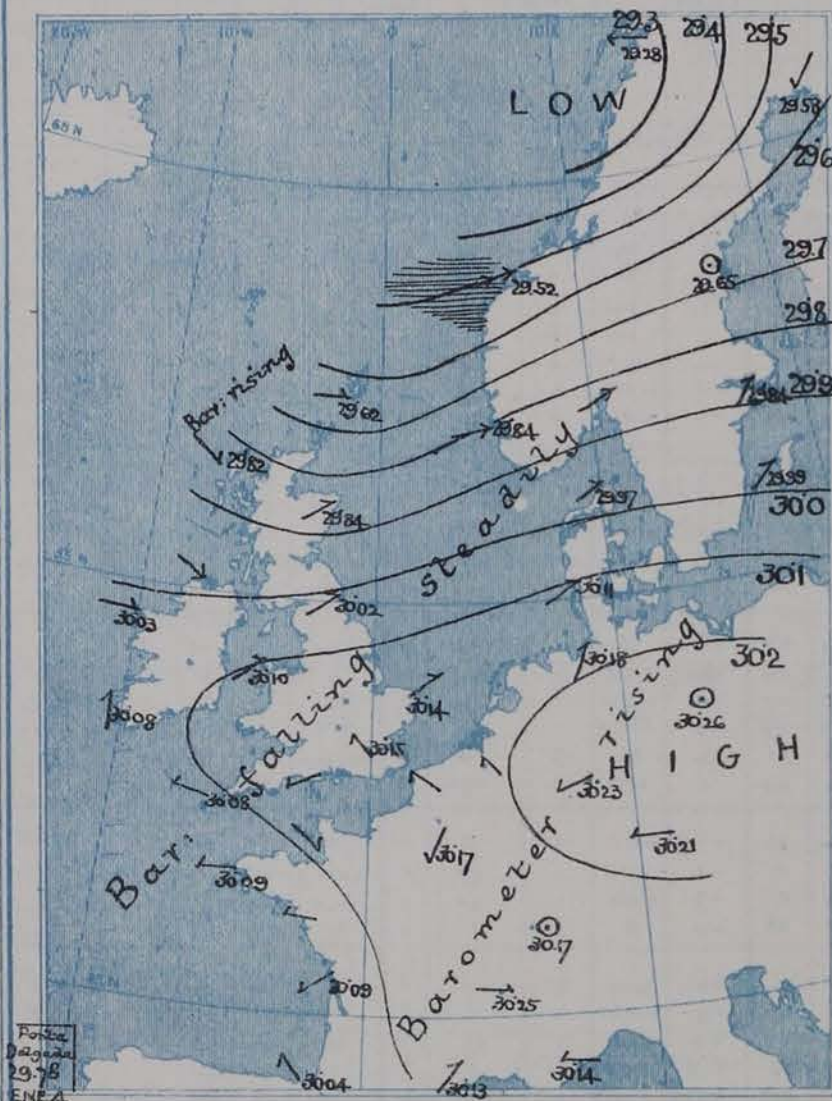
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 →

SEA.—Rough High



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—.06



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen (for Stornaway) { Average N^o of Hours daily } 1.4
Total Possible 7.7



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

OCTOBER NOVEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone noticed over these islands yesterday is moving away to the eastward and is apparently dispersing gradually, the highest pressures, 30.2 ins. and upwards, being at present reported over Germany. Another large cyclonic disturbance has appeared off the Norwegian coast and the barometer is falling in most parts of our area, the lowest readings, 29.3 ins. and less, being reported in Finland; in the extreme north of Scotland, however, a recovery of pressure has set in.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light from the S.W. over the greater part of our islands, Denmark and the south of Sweden, and strongly from the same quarter in the west and south of Norway, with a gale at Christiansund, but has veered to the N.W. in the extreme north of Scotland; in the north of Scandinavia it is E. or N.E. Light E. breezes are reported also over the English Channel and the greater part of France and western and southern Germany. Temperature has risen over the United Kingdom as a whole, but has fallen in the south-east of England and also in France and Germany. In all but the eastern parts of our islands it is again above the average, the thermometer being above 50° on most parts of our western and southern coasts, and as high as 55° at Valencia. Over Sweden, Germany and central France the readings are mostly below 40°; and at Haparanda the thermometer stands as low as 16°. With the exception of local mists or fogs the weather over England, France and Germany is at present fair. Over Ireland, Scotland and the northern parts of the Continent it is mostly dull, with rain in several places. The sea is slight or smooth generally, but rough off the west of Norway.

During yesterday the thermometer rose to between 50° and 55° in most parts of the United Kingdom; in the Scilly and Channel Islands and the west of France it exceeded 55°, while in the extreme south of France it exceeded 60°. The duration of bright sunshine was small in the south of England, but rather large elsewhere; at Rhyll and Llandudno it amounted to nearly 7 hrs. and at Bath to 8 hrs. Rain has fallen in Ireland and the west and north of Scotland—slightly also in London and at Oxford.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably continue to move away to the eastward, and further low pressure systems are likely to appear shortly off our extreme north or north west coasts. The unsettled weather now prevailing in Ireland and Scotland is likely to extend shortly to the west and north of England; our south-eastern districts will probably remain for the present under the influence of the anticyclone.

FORECASTS *

For the 24 hours ending at NOON on 4th November, 1902

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|--|--------------------|---|
| 0 { SCOTLAND NORTH | W th and N.W th winds, freshening considerably; squally, with occasional rain. | 6 { SCOTLAND WEST | W th winds, moderate or fresh; changeable, some showers. |
| 1 { SCOTLAND EAST | S.W th to W th winds, moderate or fresh; changeable, some showers. | 7 { ENGLAND N.W. | S.W th winds, light or moderate, cloudy, showery. |
| 2 { ENGLAND N.E. | | 8 { ENGLAND S.W. | E th and S.E th winds, light; fair generally, but some mist or fog. |
| 3 { ENGLAND EAST | | 9 { IRELAND NORTH | Same as No. 6. |
| 4 { MIDLAND COUNTIES | Light breezes, chiefly S.W th , mild, fair generally, but misty in places. | 10 { IRELAND SOUTH | S th winds, light or moderate; dull, misty, some rain. |
| 5 { ENGLAND SOUTH | | | |

WARNINGS

At 9.50 a.m. to-day to districts 6 and part of 9, "Lower Cone". The South Cone is still flying in districts 0 and part of 1.

Note.—The South Cone, point downwards (T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|------------|-------|----------|------------------------------|---------------------------------------|----|----|-------|----------|------|----------------|-----------------------------|----|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. Ins. Change. | Temperature. Dry. Wet. Change. | | | Wind. | Weather. | Sea. | Weather. | Temperature. Max. Min. | | Sun- shine. Hrs. | Rainfall Ins. |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | bc | * | c, bc | 53 | 42 | 1.5 | — |
| Newton Reigny (Penrith) | 30.16 | 44 | ZO | O | 30.09 | 39 | 39 | | SE 1 | c | * | bc m | 50 | 31 | 5.5 | — |
| Bath | 30.22 | 52 | W 1 | O | 30.14 -15 | 47 | 47 | +2 | NW 1 | O | * | — | 52 | 45 | 0.8 | 0.07 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 52 | 33 | b, c, O | 3.7 | — | Worthing | * | * | * | 0.1 | * |
| Birmingham, 9 p.m. ... | 50 | 39 | c | 0.0 | — | Llandudno | * | * | * | 6.8 | * |
| Lowestoft, up to 6 p.m. ... | * | * | * | * | * | Rhyl | * | * | * | 6.8 | * |
| Hastings | * | * | * | 0.4 | * | Southport, 9 p.m. ... | 50 | 31 | b, f, O | 3.4 | — |
| Eastbourne | * | * | * | 1.7 | * | Manchester, 9 p.m. ... | 54 | 32 | bc | 0.3 | — |
| Brighton | * | * | * | 0.3 | * | Darwen, 9 p.m. ... | * | * | * | * | * |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. 2. XI. 02 | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. 1. XI. 02 | TEMPERATURE, F. at 1 p.m. | WEATHER. | RAIN. (measured at 7 a.m.) |
|--------------------------|-----------------|-----------|----------|-------|------------------------|------------------------------|----------|----------------------------------|
| | Max. ° | Min. ° | | | | | | |
| Marseilles | Not yet | Rec | | Ins. | Geneva | 46 | 0 | — |
| Utrecht... .. | | | | | Berne | 43 | 0 | — |
| Copenhagen... .. | | | | | Lucerne | 45 | 0 | — |
| Prague | | | | | Lausanne | 45 | 0 | — |
| Vienna | | | | | Lugano | 55 | bc | — |
| Buda-Pesth | | | | | Locarno | 57 | 6 | — |
| St. Petersburg | | | | | | | | |
| Rome | | | | | | | | |
| Malta | | | | | | | | |
| Madeira (Funchal) | | | | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) ... | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) ... | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 3. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 6.54 | 11.37 | 4.20 |
| Greenwich | 6.59 | 11.44 | 4.29 |
| Wick | 7.35 | 11.56 | 4.17 |
| Valencia | 7.41 | 12.25 | 5.9 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on TUESDAY 4TH NOVEMBER

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS | | | | |
|---------------------|------------------------|--|-------|-------------------------|--------------|----------|---|---------------------|---------------------------------|------------------------------------|--------------|--------------|------------------------------------|------------------|----------|-----------|---------------------|-------------------------|-------------------|------|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall. Ins. | | |
| | | | | At 32° and M.S.L. | Dry Bulb. | | Direc. | Force (0 to 12.) | At 32° Fabr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | | | Direc. | Force (0 to 12.) | | | Max. | Min. |
| | | | | | | | | | | | | | | | | | | | | | |
| SCANDINAVIA. | Haparanda ... | 29.36 | 31 | NE | 2 | S | 29.32 | -26 | 26 | 26 | +10 | W | 2 | 0 | * | - | 32 | 16 | * | 0.28 | |
| | Hernösand ... | 29.38 | 36 | Z | 0 | 0 | 29.55 | -10 | 36 | 32 | +1 | NNW | 4 | 0 | * | - | 43 | 32 | * | 0.04 | |
| | Stockholm ... | 29.52 | 43 | SW | 4 | + | 29.74 | -10 | 37 | 33 | -1 | WSW | 6 | 0 | * | - | 46 | 34 | * | 0.08 | |
| | Wisby ... | 29.80 | 46 | SW | 6 | 0 | 29.82 | -17 | 42 | 39 | +1 | NW | 6 | 0 | * | - | 46 | 37 | * | 0.35 | |
| | Karlstad ... | 29.58 | 46 | SW | 4 | bc | 29.92 | +05 | 36 | 34 | -6 | NW | 4 | 0 | * | r, bc | * | * | * | - | |
| | Færder (X'ania Fjord) | 29.70 | 47 | WSW | 5 | b | 30.02 | +16 | 42 | 36 | -4 | WNW | 4 | 0 | 3 | - | 48 | 41 | * | - | |
| | Bodö ... | 29.25 | 34 | SW | 4 | 0 | 29.28 | -00 | 38 | 35 | +4 | SW | 6 | 0 | 3 | - | 39 | 32 | * | - | |
| | Christiansund ... | 29.55 | 37 | NW | 9 | + | 29.89 | +37 | 37 | 33 | -6 | NW | 8 | 0 | 7 | - | 43 | 37 | * | 1.14 | |
| | Skudesnaes ... | 29.95 | 45 | NNW | 6 | bc | 30.15 | +31 | 38 | 36 | -10 | NNE | 1 | 0 | 3 | 0, bc | 48 | 37 | * | * | |
| | Sumburgh Head | 29.90 | 42 | WNW | 3 | c | 30.12 | +50 | 37 | 35 | -6 | NE | 1 | 0 | 4 | bc | 46 | 34 | * | 0.07 | |
| BRITISH ISLANDS. | Stornoway ... | 30.04 | 39 | W | 1 | b | 29.99 | +17 | 45 | 43 | -1 | SSE | 3 | 0 | 3 | 0, b | 49 | 35 | 3.5 | 0.05 | |
| | Malin Head ... | 30.03 | 48 | Z | 0 | 0 | 29.95 | -01 | 49 | 49 | -3 | S | 1 | 0 | 2 | 0, 0, m | 52 | 46 | * | 0.20 | |
| | Blacksod Pt. ... | 30.04 | 52 | SW | 3 | b | 29.88 | -15 | 53 | 50 | +3 | SE | 3 | 0 | 2 | bc | 56 | 49 | * | - | |
| | Valencia ... | 30.05 | 54 | SSE | 1 | 0 | 29.84 | -24 | 55 | 51 | 0 | ESE | 4 | 0 | 4 | 0 | 57 | 51 | 0.0 | 0.01 | |
| | Roche's Point ... | 30.07 | 55 | S | 1 | 0 | 29.92 | -19 | 55 | 53 | +1 | SE | 5 | 0 | 4 | 0 | 58 | 53 | * | - | |
| | Parsonstown ... | 30.06 | 51 | SW | 1 | 0 | 29.94 | -13 | 50 | 49 | -1 | SE | 4 | 0 | * | 0, 0, 0 | 55 | 47 | 0.2 | 0.04 | |
| | Donaghadee ... | 30.05 | 52 | W | 1 | c | 29.98 | -06 | 53 | 52 | +6 | SW | 2 | 0 | 2 | 0 | 55 | 47 | * | 0.04 | |
| | Liverpool Obsy. | 30.10 | 51 | W | 1 | 0 | 30.07 | -04 | 47 | 46 | +2 | SE | 2 | 0 | ? | 0 | 53 | 45 | * | - | |
| | Holyhead ... | 30.08 | 53 | Z | 0 | + | 30.03 | -07 | 49 | 48 | -3 | S | 2 | 0 | 1 | 0, t | 55 | 48 | * | 0.06 | |
| | Pembroke (St. Ann's) | 30.08 | 55 | SSE | 2 | 0 | 29.98 | -16 | 52 | 50 | +2 | ESE | 4 | 0 | 3 | - | 55 | 47 | 0.0 | - | |
| GERMANY, &c. | Scilly (St. Mary's)... | 30.03 | 55 | E | 4 | 0 | 29.84 | -24 | 54 | 51 | 0 | ESE | 5 | 0 | 4 | 0, 0, 0 | 58 | 50 | 7.0 | - | |
| | Jersey (St. Aubins)... | 30.10 | 53 | ENE | 1 | 0 | 29.99 | -15 | 49 | 47 | -4 | E | 3 | 0 | 3 | 0, 0, m | 55 | 46 | 0.2 | - | |
| | Portland Bill ... | 30.11 | 50 | N | 1 | c | 30.02 | -13 | 51 | 47 | -1 | ESE | 4 | 0 | 3 | 0 | 57 | 45 | * | - | |
| | Dungeness ... | 30.13 | 52 | S | 1 | 0 | 30.12 | -04 | 50 | 48 | 0 | ESE | 4 | 0 | 2 | 0 | 55 | 49 | * | - | |
| | Wick ... | 30.01 | 45 | NW | 3 | c | 30.05 | +30 | 47 | 45 | +2 | S | 4 | 0 | 3 | - | 48 | 34 | * | 0.04 | |
| | Nairn ... | 30.05 | 44 | WNW | 1 | bc | 30.03 | +22 | 46 | 44 | -3 | Z | 0 | 0 | 1 | - | 52 | 37 | * | 0.02 | |
| | Aberdeen ... | 30.06 | 40 | NW | 2 | bc | 30.11 | +27 | 46 | 44 | +1 | SSE | 3 | 0 | 3 | 0, bc | 49 | 36 | 0.4 | 0.04 | |
| | Leith ... | 30.03 | 50 | Z | 0 | 0 | 30.06 | +11 | 49 | 47 | +2 | S | 1 | 0 | * | - | 55 | 45 | * | - | |
| | North Shields ... | 30.05 | 51 | WSW | 2 | c | 30.10 | +08 | 49 | 48 | +8 | SSW | 1 | 0 | 2 | bc, c, f | 58 | 39 | * | - | |
| | Spurn Head ... | 30.07 | 52 | SW | 2 | bc | 30.10 | -06 | 47 | 46 | +1 | SSE | 3 | 0 | 2 | bc, f | 55 | 44 | * | - | |
| FRANCE. | Yarmouth ... | 30.10 | 50 | SW | 2 | bc | 30.10 | -04 | 47 | 45 | +1 | SSW | 1 | 0 | 2 | bc | 51 | 40 | * | - | |
| | Loughborough ... | 30.12 | 51 | SE | 1 | 0 | 30.12 | -02 | 40 | 40 | -4 | ESE | 1 | 0 | * | bc, 0, bf | 55 | 40 | * | - | |
| | Oxford ... | 30.16 | 40 | NW | 1 | b | 30.11 | -04 | 38 | 37 | -8 | E | 1 | 0 | * | c, b | 53 | 33 | * | - | |
| | London (Brixton) | 30.13 | 45 | Z | 0 | of | 30.11 | -04 | 45 | 45 | +1 | SE | 1 | 0 | * | gd, f, f | 55 | 41 | 0.0 | 0.02 | |
| | The Scaw (Skagen) | 29.84 | 48 | WNW | 5 | b | 30.06 | +09 | 42 | 37 | -1 | NW | 3 | 0 | 1 | - | 48 | 41 | * | - | |
| | Fanö ... | 30.08 | 49 | WSW | 4 | + | 30.19 | +08 | 44 | 42 | -2 | W | 2 | 0 | * | - | 50 | 43 | * | - | |
| | Cuxhaven ... | 30.13 | 45 | SW | 1 | 0 | 30.18 | -00 | 46 | 45 | +1 | WSW | 1 | 0 | * | - | 46 | 43 | * | - | |
| | The Helder ... | 30.12 | 46 | SSW | 1 | c | 30.16 | -04 | 46 | 44 | -2 | SSW | 1 | 0 | 0 | - | 50 | 35 | * | - | |
| | Brussels ... | * | * | * | * | * | 30.17 | -02 | 42 | 41 | +1 | ENE | 1 | 0 | * | - | 50 | 41 | * | - | |
| | Berlin ... | 30.17 | 43 | Z | 0 | 0 | 30.23 | -03 | 42 | 39 | +5 | WSW | 1 | 0 | * | - | 48 | 37 | * | - | |
| SPAN. PEN. | Frankfurt ... | 30.21 | 44 | SW | 2 | 0 | 30.23 | -00 | 41 | 39 | +4 | Z | 0 | 0 | * | - | 45 | 37 | * | - | |
| | Munich ... | 30.19 | 34 | E | 2 | b | 30.23 | +02 | 30 | 30 | -8 | Z | 0 | 0 | * | - | 45 | 28 | * | - | |
| | C. Gris Nez ... | 30.15 | 48 | ENE | 1 | 0 | 30.13 | -06 | 41 | 38 | -2 | SE | 3 | 0 | 2 | - | 52 | 39 | * | - | |
| | Brest ... | 30.04 | 54 | SESE | 1 | bc | 29.89 | -20 | 48 | 47 | -9 | SESE | 4 | 0 | 4 | - | 59 | 46 | * | - | |
| | Lorient ... | 30.03 | 54 | E | 4 | 0 | 29.88 | -22 | 46 | 45 | -4 | E | 5 | 0 | 2 | - | 55 | 45 | * | - | |
| | Rochefort ... | 30.03 | 51 | ENE | 3 | b | 29.91 | -18 | 46 | 46 | +5 | E | 3 | 0 | * | b | 59 | 37 | * | - | |
| | Biarritz ... | 30.01 | 59 | ENE | 3 | b | 29.87 | -17 | 48 | 45 | -1 | S | 3 | 0 | 2 | - | 66 | 43 | * | - | |
| | Paris ... | 30.16 | 43 | NE | 2 | b | 30.11 | -06 | 33 | 33 | -4 | NE | 3 | 0 | * | - | 55 | 32 | * | - | |
| | Belfort ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lyons ... | 30.18 | 47 | Z | 1 | b | 30.17 | -08 | 39 | 39 | +9 | ENE | 1 | 0 | * | - | 54 | 30 | * | - | |
| Nice ... | 30.17 | 55 | Z | 0 | c | 30.19 | +05 | 47 | 44 | -2 | E | 2 | 0 | 1 | - | 63 | 45 | * | - | | |
| Perpignan ... | 30.10 | 54 | SE | 2 | b | 30.06 | -07 | 51 | 51 | +6 | SE | 2 | 0 | * | - | 62 | 44 | * | - | | |
| SPAN. PEN. | Corunna ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lisbon ... | 29.62 | 58 | NE | 3 | + | 29.65 | -03 | 58 | 55 | +1 | SSW | 4 | 0 | * | - | 61 | 55 | * | 0.28 | |
| Azores (P. Delgada) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Tuesday, 4th November 1902.*

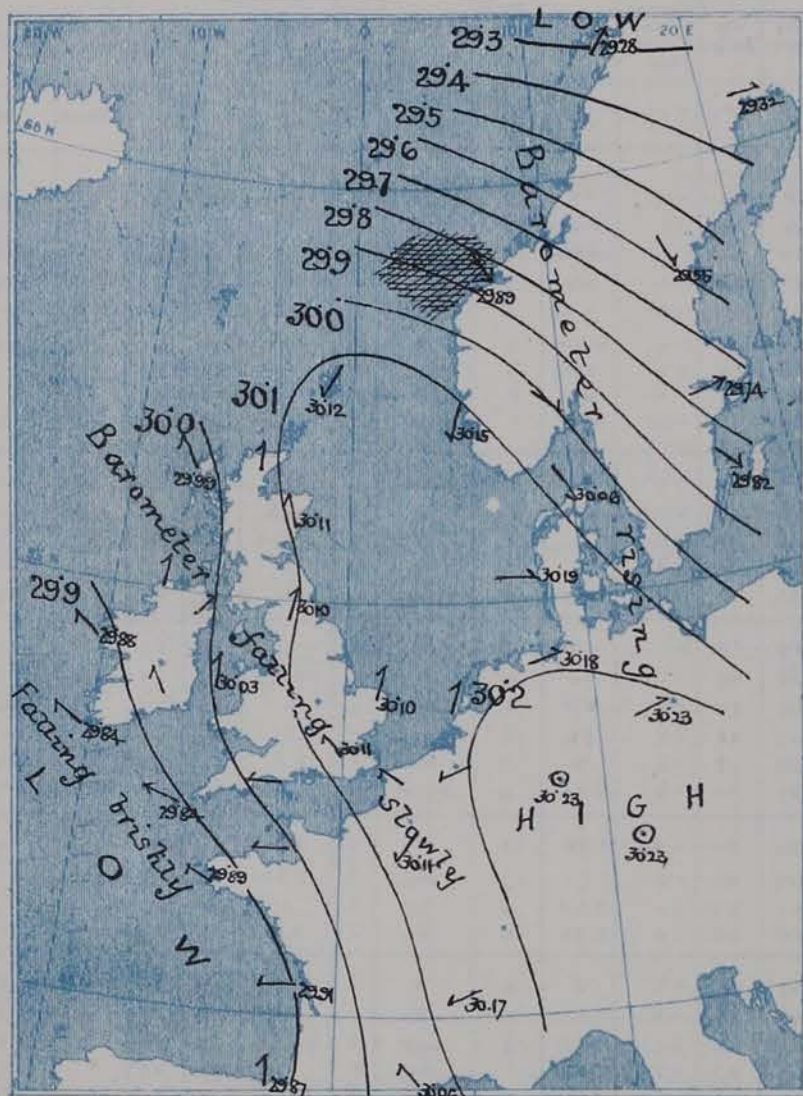
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → → → → → Force 5 to 7 → → → → → } Calm ⊙
Force 8 to 10 → → → → → Force 1 to 4 → → → → →

SEA.—Rough High



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

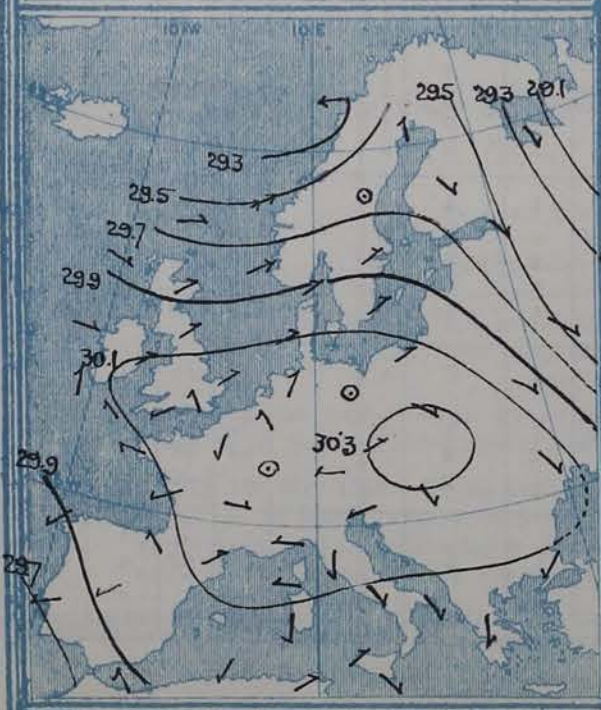
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus .06



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen (for Stornaway) { Average N° of Hours daily } 1.4
Total Possible 7.7



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period
OCTOBER NOVEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is highest, 30.2 ins. and upwards, over Western and Southern Germany, and high, 30.1 ins. and upwards, in an anticyclone extending from Central Europe over the Netherlands, the North Sea and the East and South-east of England. The lowest pressures, 29.3 ins. and less, are found in a cyclonic system lying off the northern parts of the Norwegian coast. Another disturbance which readings below 29.9 ins. is approaching our islands from the south-westward, and is occasioning a fall of the barometer in nearly all parts of the United Kingdom and France. In Scandinavia, Denmark and Germany the mercury is at present rising.

WIND

TEMPERATURE

WEATHER

AND

SEA

Under the influence of the advancing disturbance the wind has shifted to the S.E.^d or E.^d over France and the west and south of our islands, and on our extreme south-west coast it is freshening quickly; on our north and east coasts light S.^w breezes are reported. In Scandinavia and Denmark the wind is W.^{ly} or N.W.^{ly} and strong in force in many places, with a gale at Christiansund. Temperature has changed very irregularly. Over the United Kingdom generally it is still above the normal, the highest readings, 50° to 55° being reported on our west and south-west coasts; over Central England, however, it ranges between 38° and 45° and is below the average. At Paris the thermometer stands at 33°, and at Munich at 30°, the lowest reading reported from the Continental stations being 26° at Haparanda. The weather is foggy in many parts of England, but is fine on our south and east coasts as well as in France, Denmark and Sweden. Elsewhere the sky is very cloudy, with rain at Aberdeen and Donaghadee, and snow at Christiansund. The sea is slight or smooth generally, but moderate on our south-west coasts and high at Christiansund.

During yesterday the thermometer rose to 55° and upwards at most of the English and Irish stations, and to 58° at Shields, Roche's Point and Scilly. Bright sunshine was very deficient generally; in many parts of England and at Valencia there was none. Slight rain fell at several of our western and northern stations and also in London; at Christiansund there was as much as 1.1 inch.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance which is advancing from the south-westward is apparently of considerable size and intensity and is likely to occasion an increase in the strength of the S.E.^{ly} wind over the entire Kingdom, with gales on our south-west coasts. Rain will probably set in shortly in the latter district and spread later eastwards and northwards.

FORECASTS *

For the 24 hours ending at NOON on 5th November, 1902

DISTRICTS.

FORECASTS.

| | | |
|---|-----------------------|--|
| 0 | { SCOTLAND NORTH | { S. ^w and S.E. ^{ly} winds, freshening; dull, unsettled, some rain. |
| 1 | { SCOTLAND EAST | |
| 2 | { ENGLAND N.E. | { S.E. ^{ly} winds, freshening; fair at first, some rain later. |
| 3 | { ENGLAND EAST | |
| 4 | { MIDLAND COUNTIES | { E. ^{ly} and S.E. ^{ly} winds, freshening considerably; fair to-day, but becoming unsettled and rainy to-night or to-morrow. |
| 5 | { ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

| | | |
|----|--------------------|--|
| 6 | { SCOTLAND WEST | Same as Nos. 0 and 1. |
| 7 | { ENGLAND N.W. | { S.E. ^{ly} winds, increasing in force; fair at first, then unsettled and rainy. |
| 8 | { ENGLAND S.W. | { S.E. ^{ly} winds, increasing to a gale; dull, rainy. |
| 9 | { IRELAND NORTH | Same as No. 7. |
| 10 | { IRELAND SOUTH | Same as No. 8. |

WARNINGS

At 9.30 a.m. to-day to districts 8 and 10, 'Hoist South Cone'.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (\Uparrow), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|----------------|----------|--------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | c | * | o.c | 51 | 46 | 0.0 | - |
| Newton Reigny (Penrith) | 30.05 | 44 | ZO | 7 | 30.07 | -0.02 | 44 | 43 | +5 | ESE 2 | o | * | ogmd | 51 | 37 | 0.0 | 0.03 |
| Bath | 30.12 | 45 | NW 1 | o | 30.06 | -0.08 | 42 | 42 | -5 | NW 1 | c | * | - | 53 | 30 | 0.0 | - |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 53 | 36 | o.c, o | 2.0 | - | Worthing | * | * | * | 3.1 | * |
| Birmingham, 9 p.m. ... | 53 | 43 | o | 4.8 | - | Llandudno | * | * | * | 0.1 | - |
| Lowestoft, up to 6 p.m. ... | * | * | * | 3.6 | * | Rhyl | * | * | * | 0.0 | * |
| Hastings | * | * | * | 1.3 | * | Southport, 9 p.m. ... | 52 | 42 | odm | 0.0 | 0.01 |
| Eastbourne | * | * | * | 2.9 | * | Manchester, 9 p.m. ... | 54 | 39 | om | 0.0 | 0.01 |
| Brighton | * | * | * | * | * | Darwen, 9 p.m. ... | 50 | 38 | om | 0.0 | 0.01 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. (measured at 7 a.m.) |
|--------------------------|-----------------|-----------|----------|-------|-----------------|---------------------|---------------|----------|----------------------------------|
| | Max. ° | Min. ° | | | | at 1 p.m. ° | | | |
| 3. XI. 02 | | | | | 2. XI. 02 | | | | |
| Marseilles | 64 | 43 | 6 6 | Ins. | Geneva | 66.5 ^{max} | not yet rec'd | 1 p.m. | Ins. |
| Utrecht... .. | 54 | 43 | 0 0 | — | Berne | | | | |
| Copenhagen... .. | 48 | 37 | 6 f | — | Lucerne | | | | |
| Prague | 52 | 37 | 0 0 | — | Lausanne | | | | |
| Vienna | 48 | 32 | 6 6 | — | Lugano | | | | |
| Buda-Pesth | 48 | 41 | 6 6c | — | Locarno | | | | |
| St. Petersburg | 46 | 34 | 5 c | 0.08 | | | | | |
| Rome | 66 | 46 | 6 6 | — | | | | | |
| Malta | 71 | 59 | ? c | — | | | | | |
| Madeira (Funchal) | | not rec'd | | | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 4. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| h. m. | h. m. | h. m. | h. m. |
| Yarmouth | 6.56 | 11.37 | 4.18 |
| Greenwich | 7.1 | 11.44 | 4.27 |
| Wick | 7.38 | 11.56 | 4.14 |
| Valencia | 7.43 | 12.25 | 5.7 |

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" Weekly " " " £1 10 0 " Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 9 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

WEDNESDAY 5TH NOVEMBER

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|----------------------|------------------------|--|-------|--------|---------------------|----------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|------------------|-----------|-----------|----------------|-------------------------|------------------|-------------------------|--------------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall Ins. | | |
| | | | | Dirac. | Force (0 to 12.) | | At 32° Fabr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | Force (0 to 12.) | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | | At 82° and M.S.L. | Dry Bulb. |
| Ins. | | Ins. | Ins. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | | | |
| SCANDINAVIA. | Haparanda ... | 29.56 | 26 | W | 2 | c | 30.17 | +85 | 17 | 16 | -9 | N | 4 | 0 | * | - | 30 | 16 | * | - | |
| | Hernösand ... | 29.71 | 37 | NW | 6 | b | 30.13 | +58 | 33 | ? | -3 | Z | 0 | 0 | * | - | 37 | 32 | * | - | |
| | Stockholm ... | 29.97 | 36 | WSW | 4 | b | 30.13 | +39 | 37 | 33 | 0 | WNW | 4 | b | * | - | 46 | 36 | * | - | |
| | Wisby ... | 30.04 | 40 | W | 8 | b | 30.18 | +36 | 39 | 36 | -3 | N | 6 | b | * | - | 46 | 34 | * | - | |
| | Karlstad ... | 30.14 | 34 | WNW | 4 | b | 30.30 | +38 | 31 | 29 | -5 | NW | 2 | b | * | - | * | * | * | - | |
| | Färder (X'ania Fjord) | 30.17 | 39 | NW | 4 | b | 30.33 | +31 | 39 | 35 | -3 | NNE | 2 | b | 1 | - | 43 | 37 | * | - | |
| | Bodö ... | 29.76 | 33 | E | 2 | b | 30.25 | +97 | 32 | ? | -6 | NE | 4 | bc | 1 | - | 39 | 30 | * | - | |
| | Christiansund ... | 30.13 | 38 | W | 8 | + | 30.33 | +44 | 37 | 36 | 0 | ESE | 2 | c | 4 | - | 37 | 36 | * | 0.43 | |
| Skudesnaes ... | 30.26 | 38 | Z | 0 | + | 30.23 | +08 | 39 | 36 | +1 | SE | 4 | b | 3 | b, r | 43 | 34 | * | * | | |
| BRITISH ISLANDS. | Sumburgh Head | 30.11 | 43 | ESE | 3 | o | 29.99 | -13 | 45 | 42 | +8 | SE | 5 | o | 6 | o | 45 | 36 | * | - | |
| | Stornoway ... | 29.91 | 51 | SE | 3 | o | 29.70 | -29 | 51 | 47 | +6 | SE | 4 | o | 4 | o | 51 | 45 | 0.0 | 0.01 | |
| | Malin Head ... | 29.82 | 51 | SE | 5 | c | 29.54 | -41 | 46 | 45 | -3 | SE | 6 | + | 5 | bc, c | 53 | 45 | * | 0.01 | |
| | Blacksod Pt. ... | 29.70 | 52 | SE | 5 | om | 29.41 | -47 | 49 | 48 | -4 | SE | 7 | + | 5 | c, om | 53 | 48 | * | 0.23 | |
| | Valencia ... | 29.63 | 54 | E | 4 | o | 29.32 | -52 | 56 | 55 | +1 | SE | 3 | tmg | 4 | o | 56 | 53 | 0.3 | 0.44 | |
| | Roche's Point ... | 29.70 | 55 | SE | 5 | o | 29.39 | -53 | 55 | 54 | 0 | SE | 8 | + | 4 | o, r | 55 | 53 | * | 0.27 | |
| | Parsonstown ... | 29.75 | 51 | SE | 3 | o | 29.46 | -48 | 50 | 48 | 0 | SE | 7 | ogm | * | o | 53 | 47 | 0.8 | 0.01 | |
| | Donaghadee ... | 29.87 | 53 | SE | 3 | o | 29.64 | -34 | 49 | 46 | -4 | SSE | 5 | og | 5 | - | 54 | 47 | * | 0.06 | |
| Liverpool Obsy. | 29.94 | 49 | SE | 4 | c | 29.68 | -39 | 45 | 43 | -2 | ESE | 3 | o | 2 | om, c | 53 | 42 | * | - | | |
| Holyhead ... | 29.87 | 48 | SE | 2 | b | 29.60 | -43 | 47 | 45 | -2 | E | 3 | cm | 2 | o, b | 54 | 43 | * | - | | |
| Pembroke (St. Ann's) | 29.78 | 53 | ESE | 7 | bc | 29.51 | -47 | 49 | 48 | -3 | E | 7 | omg | 6 | bc, ggm | 56 | 46 | ? | - | | |
| GERMANY, &c. | Scilly (St. Mary's)... | 29.63 | 56 | ESE | 8 | omc | 29.38 | -46 | 55 | 55 | +1 | ESE | 5 | tm | 5 | c, omc | 57 | 51 | 3.7 | 0.09 | |
| | Jersey (St. Aubins)... | 29.79 | 55 | E | 4 | bm | 29.59 | -40 | 57 | 55 | +8 | ESE | 6 | cg | 4 | b, bm, p | 59 | 48 | 8.4 | 0.14 | |
| | Portland Bill ... | 29.85 | 51 | ESE | 6 | b | 29.60 | -42 | 54 | 54 | +3 | SE | 6 | + | 5 | b, g | 55 | 48 | * | 0.09 | |
| | Dungeness ... | 29.97 | 49 | ESE | 5 | c | 29.76 | -36 | 51 | 50 | +1 | SSE | 3 | c | 2 | bc, c | 52 | 46 | * | - | |
| | Wick ... | 30.00 | 49 | S | 4 | o | 29.81 | -24 | 48 | 47 | +1 | S | 7 | tu | 4 | - | 50 | 45 | * | 0.05 | |
| | Nairn ... | 29.96 | 48 | Z | 0 | c | 29.77 | -26 | 52 | 48 | +6 | ESE | 4 | c | 2 | - | 53 | 42 | * | - | |
| | Aberdeen ... | 30.04 | 48 | SE | 4 | otg | 29.87 | -24 | 48 | 47 | +2 | SE | 6 | ogt | 6 | o, otg | 50 | 45 | 0.0 | 0.09 | |
| | Leith ... | 29.98 | 48 | ENE | 1 | o | 29.76 | -30 | 49 | 45 | 0 | ESE | 3 | o | * | - | 58 | 46 | * | - | |
| North Shields ... | 30.01 | 50 | SE | 3 | o | 29.81 | -29 | 49 | 47 | 0 | ESE | 4 | o | 3 | f, bc, of | 53 | 47 | * | - | | |
| FRANCE. | Spurn Head ... | 30.02 | 50 | ESE | 5 | bc | 29.76 | -34 | 51 | 49 | +4 | ESE | 6 | cu | 5 | - | 53 | 46 | * | - | |
| | Yarmouth ... | 30.01 | 50 | ESE | 6 | bc | 29.81 | -29 | 50 | 48 | +3 | SE | 5 | cg | 5 | bc | 51 | 46 | * | - | |
| | Loughborough ... | 30.00 | 48 | ESE | 3 | o | 29.76 | -36 | 45 | 44 | +5 | ESE | 3 | ogm | * | bc, c, om | 50 | 39 | * | - | |
| | Oxford ... | 29.93 | 41 | ESE | 2 | bc | 29.71 | -40 | 46 | 45 | +8 | E | 2 | om | * | o, bc | 52 | 36 | * | - | |
| | London (Brixton) | 29.97 | 46 | E | 2 | o | 29.72 | -39 | 45 | 41 | 0 | ESE | 1 | og | * | c, o | 53 | 43 | 0.7 | - | |
| | The Scaw (Skagen) | 30.19 | 44 | N | 3 | b | 30.30 | +24 | 40 | 37 | -2 | E | 1 | b | 0 | - | 50 | 39 | * | - | |
| | Fanö ... | 30.26 | 30 | NE | 2 | b | 30.24 | +05 | 30 | 30 | -14 | NE | 2 | o | * | - | 48 | 30 | * | - | |
| | Cuxhaven ... | 30.22 | 45 | E | 1 | b | 30.18 | 00 | 42 | 40 | -4 | ESE | 4 | c | * | - | 46 | 41 | * | 0.12 | |
| The Helder ... | 30.09 | 48 | E | 2 | b | 29.94 | -22 | 43 | 41 | -3 | SE | 3 | bc | 2 | - | 50 | 43 | * | - | | |
| SPAN. PEN. | Brussels ... | * | * | * | * | * | 29.90 | -27 | 46 | 42 | +4 | SE | 3 | b | * | - | 50 | 40 | * | - | |
| | Berlin ... | 30.23 | 44 | Z | 0 | o | 30.24 | +01 | 41 | 40 | -1 | SE | 1 | c | * | - | 45 | 39 | * | - | |
| | Frankfurt ... | 30.17 | 39 | E | 2 | b | 30.13 | -10 | 34 | 33 | -7 | E | 1 | b | * | - | 50 | 32 | * | - | |
| | Munich ... | 30.15 | 35 | SE | 1 | f | 30.13 | -10 | 32 | 32 | +2 | E | 3 | f | * | - | 43 | 30 | * | - | |
| | C. Gris Nez ... | 29.96 | 51 | ENE | 5 | b | 29.77 | -86 | 50 | 44 | +9 | SSE | 4 | b | 3 | - | 52 | 39 | * | - | |
| | Brest ... | 29.66 | 55 | ESE | 4 | o | 29.48 | -41 | 55 | 55 | +7 | S | 3 | o | 3 | - | 61 | 48 | * | 0.32 | |
| | Lorient ... | 29.70 | 57 | ESE | 5 | c | 29.60 | -28 | 58 | 57 | +12 | S | 3 | c | 4 | - | 59 | 46 | * | 0.12 | |
| | Rochefort ... | 29.75 | 60 | SE | 4 | o | 29.74 | -17 | 57 | 56 | +11 | S | 4 | o | * | - | 64 | 46 | * | 0.04 | |
| Biarritz ... | 29.71 | 66 | SE | 2 | o | 29.78 | -09 | 63 | 56 | +15 | S | 4 | b | 1 | - | 75 | 48 | * | - | | |
| SPAN. PEN. | Paris ... | 29.94 | 46 | ENE | 3 | b | 29.83 | -28 | 50 | 47 | +17 | SSE | 2 | o | * | - | 57 | 33 | * | - | |
| | Belfort ... | 30.08 | 36 | ENE | 5 | f | 30.03 | -18 | 33 | 33 | +10 | ENE | 4 | f | * | - | 49 | 32 | * | - | |
| | Lyons ... | 30.02 | 53 | ESE | 1 | b | 29.99 | -18 | 49 | 44 | +10 | ESE | 1 | o | * | - | 62 | 39 | * | - | |
| | Nice ... | 30.14 | 50 | NE | 1 | b | 30.08 | -11 | 50 | 46 | +3 | ENE | 1 | b | 2 | - | 61 | 46 | * | - | |
| | Perpignan ... | 29.96 | 60 | S | 3 | o | 29.90 | -16 | 60 | 60 | +9 | S | 2 | o | * | - | 64 | 51 | * | 0.04 | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR WEDNESDAY, 5th NOVEMBER. 1902.

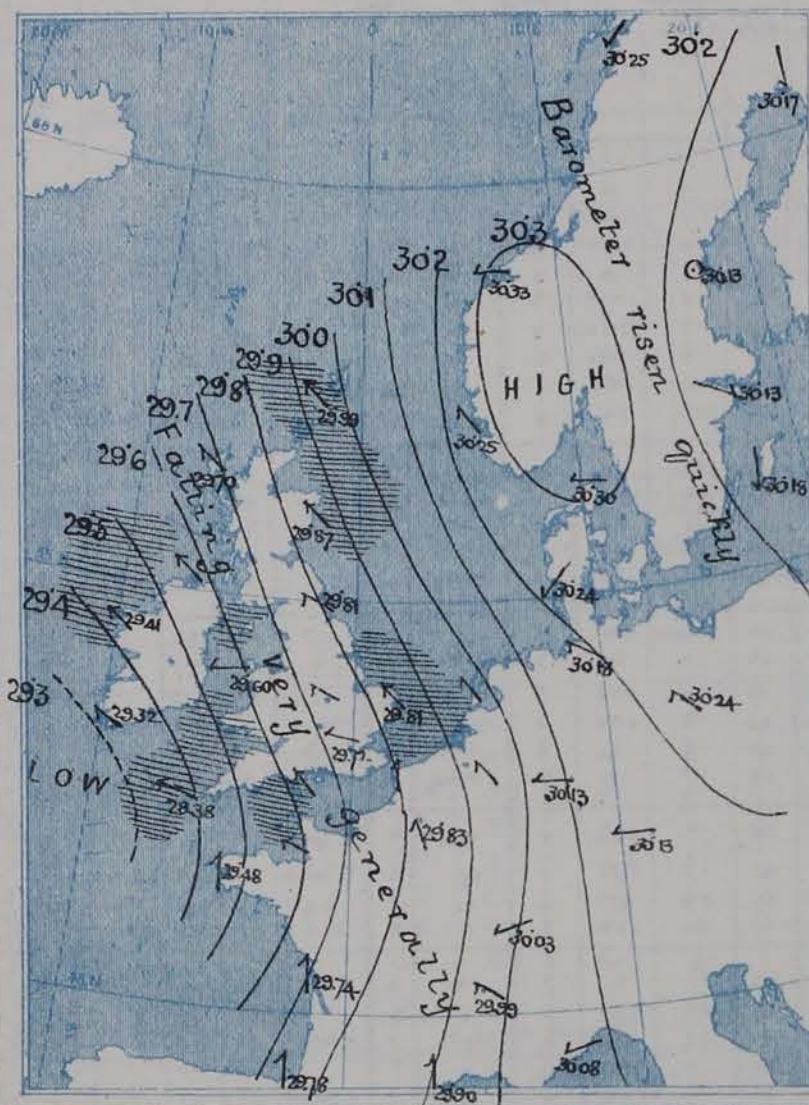
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 →

SEA.—Rough High



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus: 0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen { Average No of } 1.4
(for Stornaway) { Hours daily } 7.7
Total Possible



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

OCTOBER NOVEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The cyclonic disturbance which was approaching our south-west coasts yesterday has spread eastwards and northwards over nearly the whole of the United Kingdom. The lowest pressures, 29.4 in. and less, are reported over the south of Ireland and the Scilly Islands, and the barometer is falling over Western Europe generally - most on our extreme western coasts. An anticyclone in the centre of which readings exceed 30.3 in. has been formed over Scandinavia, Denmark and North Germany, and over our Islands and the North Sea the gradient for S.E. winds is already rather steep and is increasing.

WIND

TEMPERATURE

WEATHER

AND

SEA

The S.E. winds which are now prevalent over the whole of those regions are consequently strong in many places and blow with the force of a moderate to fresh gale on several parts of our western coasts; in the west of France the wind is moderate from the S. In Sweden (to the eastward of the highest pressures) the wind is N. or N.W. Temperature has risen quickly in France and less decidedly in the eastern and central parts of Great Britain, but has fallen elsewhere. Over the United Kingdom the thermometer is above the normal, the readings being above 50° on many parts of our southern, western and northern coasts, and as high as 56° at Valencia. Readings above 55° are reported also in the Channel Islands and the west of France; at Biarritz the thermometer stands at 63°. The weather is dull in our Islands and France, with rain at all our south-western stations, and also on the north-east coasts of Scotland. In Scandinavia, Denmark, Germany and the Netherlands the weather is fine. The sea is rough or rather so on all the more exposed parts of the British and Irish coasts.

During yesterday the thermometer rose to 55° and upwards at several of our own western and southern stations and to 59° at Jersey; in the west and south of France it exceeded 60° and at Biarritz it reached 75°. The amount of bright sunshine was small in Ireland and Scotland, but larger in England; at Jersey there was as much as 8.4 hr., and at Eastbourne 7.2 hr. Rain has fallen in all the western parts of the United Kingdom and France, but not heavily.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The centre of the cyclonic disturbance is likely to move slowly northwards, and the wind on our southern coasts will probably veer to the S. Some further increase in the strength of the wind is probable, especially in the north, where a S.E. gale is anticipated.

FORECASTS *

For the 24 hours ending at NOON on 6th November, 1902

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|--|--------------------|--|
| 0 { SCOTLAND NORTH | S.E. winds, increasing to a gale; dull, squally, rainy. | 6 { SCOTLAND WEST | Same as Nos. 0 and 1. |
| 1 { SCOTLAND EAST | | 7 { ENGLAND N.W. | S.E. winds, increasing in force; dull, rainy. |
| 2 { ENGLAND N.E. | S.E. winds, strong, a gale in places; cloudy, unsettled, some rain. | 8 { ENGLAND S.W. | S.E. to S. winds, strong; dull and rainy at first, some improvement later. |
| 3 { ENGLAND EAST | | 9 { IRELAND NORTH | Same as Nos. 0 and 1. |
| 4 { MIDLAND COUNTIES | S.E. to S. winds, strong in places; dull and rainy at first, some improvement later. Warmer. | 10 { IRELAND SOUTH | S.E. to S. gales, and strong winds; squally, rainy. |
| 5 { ENGLAND SOUTH | | | |

WARNINGS

At 7 p.m. yesterday to districts 3, 5, 7 and 9, and at 9.50 a.m. to-day to districts 0 to 2 and 6 'Hoist South Cone'. The signals are now flying on all coasts.

Note.—The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (⌴), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|-------|-------|----------|---------------------|--------------|------|---------|-------|----------|------|----------------|--------------|------|------|----------|
| | Bar. | Temp. | Wind. | Weather. | Barometer. | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- | Rainfall |
| | Ins. | ° | | | Ins. Change. | Dry. | Wet. | Change. | | | | | Max. | Min. | Hrs. | Ins. |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | b | * | o, c | 51 | 48 | 2.0 | — |
| Newton Reigny (Penrith) | 29.96 | 46 | SE 2 | c | 29.74 -33 | 41 | 40 | -3 | SE 1 | bc | * | om, c, b | 54 | 40 | 3.7 | — |
| Bath | 29.90 | 47 | E 3 | o | 29.65 -41 | 46 | 45 | +4 | NE 3 | r | * | — | 55 | 42 | 5.5 | 0.01 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. |
|-----------------------------|--------------|------|----------|-----------|-----------|------------------------|--------------|------|----------|-----------|-----------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 50 | 36 | m, o, c | 0.0 | — | Worthing | * | * | * | 6.0 | * |
| Birmingham, 9 p.m. ... | 50 | 42 | o | 0.7 | — | Llandudno | * | * | * | 3.9 | * |
| Lowestoft, up to 6 p.m. ... | 51 | 42 | c | 0.0 | — | Rhyl | * | * | * | 6.2 | * |
| Hastings | * | * | * | 6.2 | * | Southport, 9 p.m. ... | 55 | 47 | o, c, o | 1.2 | — |
| Eastbourne | * | * | * | 7.2 | * | Manchester, 9 p.m. ... | 59 | 48 | o | 1.8 | — |
| Brighton | * | * | * | 5.9 | * | Darwen, 9 p.m. ... | 51 | 45 | om | 0.0 | — |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-----------------------------------|-----------------|------|----------|-------|-----------------|-----------------|---|----------|-------|
| | Max. | Min. | | | | at 1 p.m. | ° | | |
| 4. Nov: | | | | | 3 Nov: | | | | |
| Marseilles | 66 | 48 | b b | Ins. | Geneva | 50 | | b | — |
| Utrecht | 50 | 36 | b f | — | Berne | 48 | | b | — |
| Copenhagen | 48 | 39 | o c | — | Lucerne | 50 | | b | — |
| Prague | 48 | 36 | o o | — | Lausanne | 48 | | b | — |
| Vienna | 48 | 34 | b bc | — | Lugano | 54 | | b | — |
| Buda-Pesth | 50 | 39 | b o | — | Locarno | 55 | | b | — |
| St. Petersburg | 37 | 28 | o r | — | | | | | |
| Rome | 64 | 48 | b b | — | | | | | |
| Malta | 72 | 61 | ? o | — | | | | | |
| Madeira (Funchal) <i>not recd</i> | | | | | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark, Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 5. Nov 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 6.58 | 11.37 | 4.16 |
| Greenwich | 7.3 | 11.44 | 4.25 |
| Wick | 7.40 | 11.56 | 4.12 |
| Valencia | 7.45 | 12.25 | 5.5 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

THURSDAY 6th NOVEMBER

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|------------------|---------------------------|--|--------------|--------|---------------------|-------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|------|----------|------------------|----------------|-------|------|-------------------------|------------------|
| | | BAROM. | | TEMP. | | WIND. | BAROMETER. | | TEMPERATURE. | | | | WIND. | | Weather. | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine. Hours | Rainfall Ins. |
| | | At 32° and M.S.L. | Dry Bulb. | Direc. | Force (0 to 12.) | | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | Max. | | | | Min. | | | |
| | | | | | | | | | | | | | | | | | | | Ins. | | |
| SCANDINAVIA. | Haparanda ... | 30.44 | 15 | N | 2 | c | 30.52 | +35 | 7 | 6 | -10 | Z | 0 | bc | * | - | 27 | 7 | * | - | |
| | Hernösand ... | 30.54 | 22 | Z | 0 | b | 30.58 | +45 | 22 | 20 | -11 | Z | 0 | o | * | - | 39 | 22 | * | - | |
| | Stockholm ... | 30.41 | 31 | N | 4 | o | 30.54 | +41 | 31 | 30 | -6 | N | 2 | o | * | - | 41 | 28 | * | - | |
| | Wisby ... | 30.38 | 36 | N | 6 | b | 30.49 | +31 | 32 | 29 | -7 | Z | 0 | bc | * | - | 41 | 32 | * | - | |
| | Karlstad ... | 30.44 | 32 | NW | 2 | b | 30.53 | +23 | 29 | 28 | -2 | ESE | 2 | c | * | - | * | * | * | - | |
| | Färder (X'ania Fjord) ... | 30.38 | 40 | ENE | 2 | b | 30.41 | +08 | 36 | 34 | -3 | SE | 6 | c | 3 | - | 41 | 36 | * | - | |
| | Bodö ... | 30.45 | 21 | E | 4 | b | 30.26 | +01 | 27 | 25 | -5 | E | 4 | o | 1 | - | 32 | 21 | * | - | |
| | Christiansund ... | 30.23 | 38 | ESE | 4 | b | 30.07 | -26 | 43 | 36 | +6 | ESE | 3 | bc | 3 | - | 43 | 37 | * | - | |
| BRITISH ISLANDS. | Skudesnaes ... | 30.15 | 43 | SE | 6 | b | 30.03 | -20 | 45 | 39 | +6 | SE | 10 | o | 6 | m, b | 45 | 37 | * | * | |
| | Sumburgh Head ... | 29.79 | 46 | SE | 6 | o | 29.60 | -39 | 47 | 46 | +2 | SE | 7 | + | 7 | o | 47 | 45 | * | 0.03 | |
| | Stornoway ... | 29.49 | 51 | SE | 4 | o | 29.37 | -33 | 52 | 51 | +1 | SE | 3 | o | 4 | o | 53 | 44 | 0.2 | 0.05 | |
| | Malin Head ... | 29.30 | 50 | SE | 7 | om | 29.38 | -16 | 50 | 49 | +4 | S | 3 | o | 2 | o, om | 50 | 45 | * | 0.02 | |
| | Blacksod Pt. ... | 29.25 | 53 | SSE | 5 | tm | 29.37 | -04 | 50 | 46 | +1 | SSW | 3 | bc | 3 | f, tm | 53 | 47 | * | 0.10 | |
| | Valencia ... | 29.27 | 56 | SSE | 4 | og | 29.40 | +08 | 46 | 44 | -10 | E | 1 | c | 4 | o, og | 57 | 44 | 0.0 | 0.19 | |
| | Roche's Point ... | 29.36 | 55 | SSW | 3 | c | 29.43 | +04 | 50 | 49 | -5 | N | 2 | ogm | 1 | r, c | 56 | 49 | * | 0.10 | |
| | Parsonstown ... | 29.33 | 55 | SE | 3 | + | 29.43 | -03 | 48 | 46 | -2 | SE | 1 | om | * | o, t | 55 | 47 | 0.0 | 0.14 | |
| GERMANY, &c. | Donaghadee ... | 29.45 | 51 | SE | 5 | + | 29.46 | -18 | 53 | 53 | +4 | SW | 2 | c | 2 | - | 54 | 49 | * | 0.17 | |
| | Liverpool Obsy. ... | 29.52 | 49 | SE | 4 | o | 29.59 | -09 | 49 | 48 | +4 | SE | 2 | b | 2 | om, p, o | 53 | 45 | * | 0.07 | |
| | Holyhead ... | 29.44 | 53 | S | 1 | bc | 29.51 | -09 | 53 | 52 | +6 | S | 4 | cm | 3 | f, bc | 53 | 45 | * | 0.14 | |
| | Pembroke (St. Ann's) ... | 29.42 | 56 | SSE | 6 | o | 29.46 | -05 | 55 | 53 | +6 | SSE | 5 | ogbm | 4 | - | 56 | 49 | 0.1 | 0.16 | |
| | Scilly (St. Mary's) ... | 29.46 | 56 | SSW | 4 | o | 29.38 | -00 | 55 | 54 | 0 | SE | 5 | o | 5 | m, o | 58 | 53 | 0.0 | 0.37 | |
| | Jersey (St. Aubins) ... | 29.63 | 60 | SSW | 4 | c | 29.54 | -05 | 56 | 53 | -1 | E | 4 | cm | 3 | c, g | 63 | 52 | 1.3 | 0.02 | |
| | Portland Bill ... | 29.57 | 56 | S | 5 | c | 29.57 | -03 | 55 | 54 | +1 | ESE | 5 | c | 4 | cp, c | 58 | 52 | * | 0.02 | |
| | Dungeness ... | 29.68 | 57 | SSW | 4 | op | 29.72 | -04 | 54 | 53 | +3 | SSE | 5 | bc | 2 | c, op | 58 | 51 | * | 0.05 | |
| FRANCE. | Wick ... | 29.61 | 48 | SE | 9 | o | 29.47 | -34 | 50 | 50 | +2 | SE | 4 | mu | 6 | - | 51 | 46 | * | 0.03 | |
| | Nairn ... | 29.59 | 51 | SE | 3 | c | 29.45 | -32 | 52 | 50 | 0 | E | 1 | c | 1 | - | 53 | 47 | * | - | |
| | Aberdeen ... | 29.67 | 49 | SE | 7 | o | 29.53 | -34 | 51 | 50 | +3 | SE | 3 | ogm | 5 | o | 51 | 48 | 0.0 | 0.03 | |
| | Leith ... | 29.59 | 51 | E | 2 | o | 29.53 | -23 | 55 | 51 | +6 | E | 1 | b | * | - | 58 | 47 | * | - | |
| | North Shields ... | 29.63 | 50 | ESE | 4 | + | 29.61 | -20 | 53 | 52 | +4 | S | 3 | cm | 3 | o, t | 53 | 48 | * | 0.09 | |
| | Spurn Head ... | 29.62 | 51 | SE | 6 | + | 29.67 | -09 | 51 | 51 | 0 | S | 3 | f | 3 | - | 53 | 50 | * | 0.11 | |
| | Yarmouth ... | 29.68 | 53 | SE | 4 | c | 29.72 | -09 | 52 | 51 | +2 | SE | 2 | bm | 4 | t, c | 53 | 48 | * | 0.15 | |
| | Loughborough ... | 29.59 | 50 | ESE | 1 | o | 29.66 | -10 | 50 | 50 | +5 | SE | 1 | omw | * | gm, p, c, o | 54 | 45 | * | 0.13 | |
| SPAN. PEN. | Oxford ... | 29.60 | 54 | SSW | 2 | ct | 29.65 | -06 | 52 | 51 | +6 | SE | 3 | ot | * | cr | 56 | 46 | * | 0.08 | |
| | London (Brixton) ... | 29.63 | 56 | SE | 2 | o | 29.67 | -05 | 52 | 51 | +7 | ENE | 3 | c | * | gr, o, c | 56 | 44 | 0.0 | 0.14 | |
| | The Scaw (Skagen) ... | 30.34 | 42 | SE | 3 | b | 30.32 | +02 | 41 | 40 | +1 | SE | 5 | c | 1 | - | 43 | 39 | * | - | |
| | Fanö ... | 30.13 | 30 | ESE | 6 | b | 30.09 | -15 | 41 | 30 | +11 | ESE | 8 | + | * | - | 46 | 30 | * | - | |
| | Cuxhaven ... | 30.08 | 43 | SE | 5 | bc | 30.03 | -15 | 40 | 38 | -2 | SE | 6 | o | * | - | 46 | 39 | * | - | |
| | The Helder ... | 29.78 | 47 | SE | 3 | + | 29.81 | -13 | 46 | 44 | +3 | SSE | 2 | bc | 0 | - | 48 | 43 | * | 0.04 | |
| | Brussels ... | * | * | * | * | * | 29.81 | -09 | 50 | 47 | +4 | SE | 3 | b. | * | - | 56 | 45 | * | 0.04 | |
| | Berlin ... | 30.22 | 41 | ESE | 3 | b | 30.20 | -04 | 34 | 33 | -7 | ESE | 4 | b | * | - | 46 | 32 | * | - | |
| SPAN. PEN. | Frankfurt ... | 30.09 | 41 | SE | 2 | o | 30.04 | -09 | 40 | 39 | +6 | E | 1 | b | * | - | 45 | 34 | * | - | |
| | Munich ... | 30.08 | 37 | E | 5 | o | 30.05 | -08 | 34 | 34 | +2 | E | 5 | f | * | - | 37 | 32 | * | - | |
| | C. Gris Nez ... | 29.71 | 58 | SSE | 5 | o | 29.75 | -02 | 50 | 49 | 0 | SSE | 4 | b | 3 | - | 58 | 48 | * | - | |
| | Brest ... | 29.63 | 57 | S | 4 | c | 29.41 | -07 | 55 | 53 | 0 | SE | 4 | o | 4 | - | 59 | 49 | * | 0.04 | |
| | Lorient ... | 29.67 | 58 | SSW | 4 | f | 29.40 | -20 | 54 | 54 | -4 | ESE | 5 | o | 4 | - | 63 | 52 | * | - | |
| | Rochefort ... | 29.73 | 57 | SSE | 3 | c | 29.49 | -25 | 56 | 54 | -1 | ESE | 4 | o | * | b, c | 66 | 52 | * | - | |
| | Biarritz ... | 29.74 | 64 | SE | 1 | b | 29.49 | -29 | 67 | 60 | +4 | SE | 1 | o | 1 | - | 72 | 54 | * | - | |
| | Paris ... | 29.81 | 56 | ESE | 3 | b | 29.73 | -10 | 51 | 50 | +1 | ESE | 3 | b | * | - | 64 | 50 | * | - | |
| SPAN. PEN. | Belfort ... | 30.01 | 41 | ENE | 2 | f | 29.94 | -09 | 35 | 35 | +2 | ENE | 5 | f | * | - | 44 | 33 | * | - | |
| | Lyons ... | 29.95 | 49 | N | 1 | + | 29.86 | -13 | 46 | 43 | -3 | NNE | 1 | bc | * | - | 58 | 43 | * | 0.20 | |
| | Nice ... | 30.02 | 57 | ENE | 2 | b | 29.98 | -10 | 55 | 51 | +5 | E | 1 | c | 4 | - | 64 | 50 | * | - | |
| | Perpignan ... | 29.84 | 66 | E | 3 | b | 29.73 | -17 | 61 | 60 | +1 | SE | 3 | o | * | - | 69 | 58 | * | - | |
| SPAN. PEN. | Corunna ... | | | | | | | | | | | | | | | | | * | * | | |
| | Lisbon ... | | | | | | | | | | | | | | | | | * | * | | |
| | Azores (P. Delgada) ... | | | | | | | | | | | | | | | | | * | * | | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR THURSDAY, 6TH NOVEMBER, 1902.

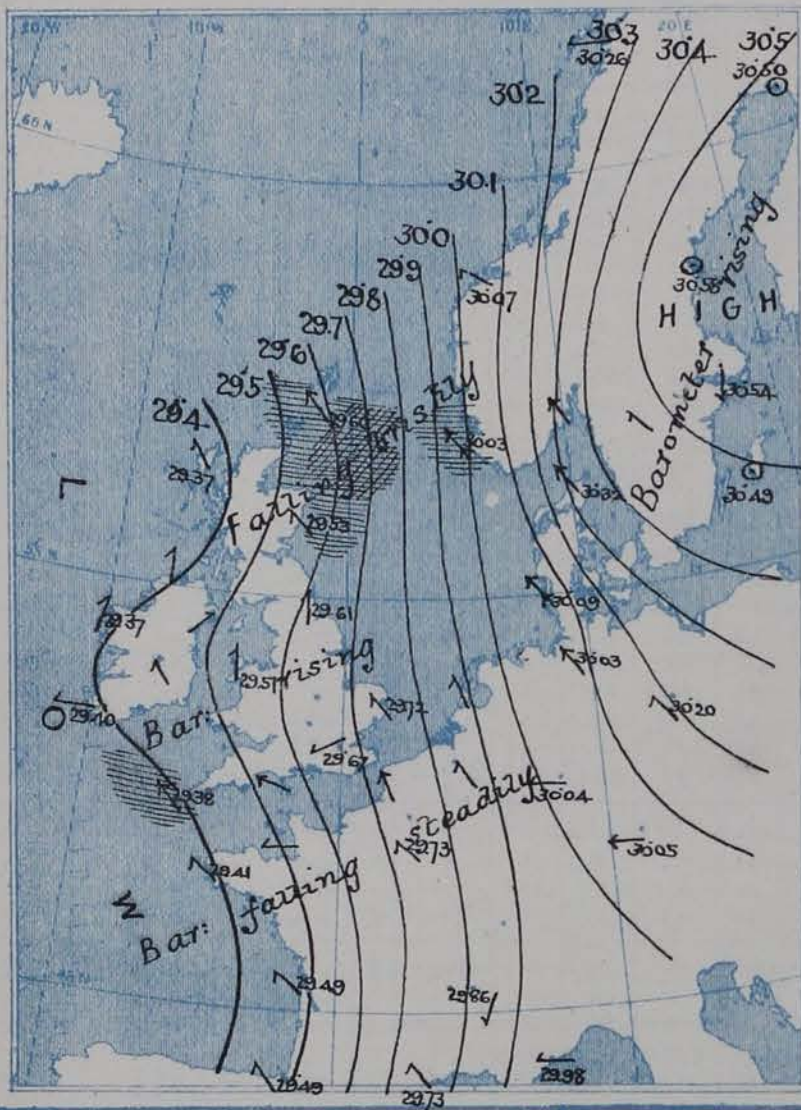
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 →

SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

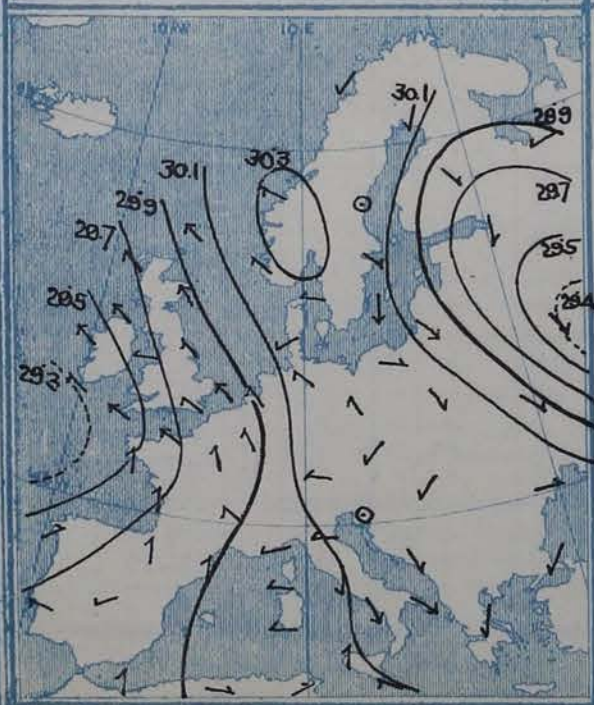
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 1.06.



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen (for Stornaway) { Average No of Hours daily 1.4
Total Possible 7.7



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

OCTOBER NOVEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure this morning ranges from 30.58 in. at Hersonö and 29.37 in. at Stornoway and Blackrod Point, and 29.38 in. at Scilly. The large depression noticed yesterday is travelling away to the northward, but a new one is approaching the west of France and the English Channel from the Atlantic.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind remains S.W.^{ly} or S.^{ly} in almost all places, but has subsided to a light or moderate breeze on most of our coasts, while it blows a gale on the eastern shores of the North Sea. In the English Channel it is fresh, but in the west of France light. Temperature has risen considerably over England and ranges from 55° at Portland Bill and Scilly to 47° at Sumburgh Head. All the values are above the average, especially those in Scotland. In Germany the temperature is much lower than in our Islands - at Berlin it is 34°. The weather in our Islands is at present much fairer than it was yesterday, but is far from being settled; at a few English stations it is rather rainy and also at Sumburgh Head and Faro. The sea is high in the far north, moderate or slight in most other places. Yesterday's maximum temperatures in our Islands were all much above 50°, and Jersey again recorded 63°. Rain fell almost everywhere, but in small quantities. Of bright sunshine there was hardly any.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The indications of further development of the low pressure areas over the North Atlantic and the Bay of Biscay are very indefinite and the prospects are, in consequence, very uncertain.

FORECASTS *

For the 24 hours ending at NOON on 7th November, 1902

DISTRICTS.

FORECASTS.

- 0 ∇ SCOTLAND NORTH
- 1 ∇ SCOTLAND EAST
- 2 ∇ ENGLAND N.E.
- 3 ∇ ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 ∇ ENGLAND SOUTH

S.E.^{ly} to S.W.^{ly} winds, force doubtful; rain at times. Milder.

S.E.^{ly} winds, strong; mild, rainy.

Same as Nos. 0 to 2.

{ S.E.^{ly} winds, strong; mild, changeable, rainy.

DISTRICTS.

FORECASTS.

- 6 ∇ SCOTLAND WEST
- 7 ∇ ENGLAND N.W.
- 8 ∇ ENGLAND S.W.
- 9 ∇ IRELAND NORTH
- 10 ∇ IRELAND SOUTH

Same as Nos. 0 to 2.

Same as No. 5.

{ S.^{ly} winds, backing; weather changeable, showery, milder.

WARNINGS

The South Cone remains up on all coasts.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|------|----------|----------------|-----------|------------------------|------------------|--|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. | |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | 3 | * | bc. 0 | 54 | 50 | 3.1 | 0.07 | |
| Newton Reigny (Penrith) | 29.56 | 47 | SE 4 | 0 | 29.56 | --18 | 51 | 50 | +10 | SSE 2 | c | * | omd. c | 52 | 40 | 0.2 | 0.02 | |
| Bath | 29.55 | 56 | NE 1 | 0 | 29.60 | --05 | 53 | 52 | +7 | E 1 | 0 | * | — | 57 | 46 | 0.0 | 0.12 | |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. |
|-----------------------------|--------------|------|----------|-----------|-----------|------------------------|--------------|------|----------|-----------|-----------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 48 | 44 | o, r, o | 0.0 | 0.11 | Worthing | * | * | * | 0.6 | * |
| Birmingham, 9 p.m. ... | 52 | 42 | o | 0.0 | 0.09 | Llandudno | * | * | * | 0.0 | * |
| Lowestoft, up to 6 p.m. ... | 55 | 47 | o | 3.0 | 0.06 | Rhyl | * | * | * | 1.0 | * |
| Hastings | * | * | * | 0.6 | * | Southport, 9 p.m. ... | 52 | 40 | o, b, od | 2.1 | 0.02 |
| Eastbourne | * | * | * | 0.7 | * | Manchester, 9 p.m. ... | 54 | 43 | o | 1.9 | 0.08 |
| Brighton | * | * | * | 0.7 | * | Darwen, 9 p.m. ... | 50 | 39 | om | 1.1 | 0.11 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-----------------------|-----------------|------|----------|-------|-----------------|-----------------|---|----------|-------|
| | Max. | Min. | | | | at 1 p.m. | ° | | |
| 5. XI. 02 | | | | | 4. XI. 02 | | | | |
| Marseilles | 75 | 55 | o o | Ins. | Geneva | 43 | | m | Ins. |
| Utrecht | 48 | 41 | b c | - | Berne | 50 | | b | - |
| Copenhagen | 46 | 34 | b b | - | Lucerne | 52 | | b | - |
| Prague | 45 | 36 | o m | - | Lausanne | 48 | | b | - |
| Vienna | 46 | 32 | b m | - | Lugano | 55 | | b | - |
| Buda-Pesth | 50 | 46 | o o | - | Locarno | 54 | | b | - |
| St. Petersburg | 39 | 32 | s s | 0.28 | | | | | |
| Rome | 64 | 45 | b b | - | | | | | |
| Malta | 70 | 62 | ? c | - | | | | | |
| Madeira (Funchal) ... | ? | ? 54 | r o | 0.24 | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard Time. | Corresponding Greenwich Times. |
|--|---|--------------------------------|---|--------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark, Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 6. XI. 02. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|----------------|-------------|---------------|
| | h. m. | h. m. | h. m. |
| Yarmouth | 6.59 | 11.37 | 4.15 |
| Greenwich | 7.4 | 11.44 | 4.24 |
| Wick | 7.42 | 11.56 | 4.10 |
| Valencia | 7.46 | 12.25 | 5.4 |

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

FRIDAY 7TH NOVEMBER

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------|---------------------------|--|---------------------|---------------------------------|------------------------------------|--------------|---|------------------------------------|--------------|---------------------|----------|-------|------|------------------|----------|---------|----------------|----------------|-----------|------|--|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. | Rainfall. | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| At 32° and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | Force (0 to 12.) | Weather. | Max. | Min. | Hours | Ins. | | | | | | |
| Ins. | Ins. | ° | ° | Ins. | Ins. | ° | ° | Ins. | Ins. | ° | ° | Ins. | Ins. | Hours | Ins. | | | | | | |
| SCANDINAVIA. | Haparanda ... | 29.35 | 23 | Z | 0 | 0 | 30.06 | -1.46 | 10 | 7.9 | +3 | Z | 0 | 0 | * | - | 23 | 5 | * | 2.76 | |
| | Hernösand ... | 30.40 | 28 | SE | 4 | b | 30.20 | -1.38 | 31 | 30 | +9 | SE | 4 | b | * | - | 31 | 19 | * | - | |
| | Stockholm ... | 30.53 | 31 | S | 2 | 0 | 30.39 | -1.15 | 36 | 33 | +5 | S | 2 | 0 | * | - | 36 | 28 | * | - | |
| | Wisby ... | 30.50 | 34 | NE | 2 | c | 30.45 | -0.4 | 36 | 33 | +4 | Z | 0 | 0 | * | - | 37 | 27 | * | - | |
| | Karlstad ... | 30.47 | 34 | ESE | 2 | 0 | 30.32 | -2.1 | 35 | 34 | +6 | E | 2 | 0 | * | - | * | * | * | - | |
| | Færder (X'ania Fjord) ... | 30.37 | 37 | SE | 5 | 0 | 30.24 | -1.7 | 37 | 35 | +1 | SSE | 4 | 0 | 3 | - | 37 | 36 | * | - | |
| | Bodö ... | 30.09 | 29 | E | 5 | 0 | 30.02 | -2.4 | 30 | 28 | +3 | E | 4 | 0 | 2 | - | 30 | 25 | * | - | |
| | Christiansund ... | 30.01 | 45 | ESE | 3 | 0 | 29.94 | -1.3 | 43 | 39 | 0 | ESE | 3 | c | 3 | - | 45 | 37 | * | - | |
| Skudesnaes ... | 30.06 | 46 | SE | 8 | 0 | 29.89 | -1.4 | 46 | 41 | +1 | SE | 8 | b | 5 | 0 | 46 | 43 | * | * | | |
| BRITISH ISLANDS. | Sumburgh Head ... | 29.61 | 49 | SE | 6 | † | 29.45 | -1.15 | 47 | 45 | 0 | SE | 7 | † | 7 | † | 49 | 46 | * | 0.01 | |
| | Stornoway ... | 29.44 | 51 | SSE | 1 | 0 | 29.11 | -2.6 | 52 | 51 | 0 | SE | 6 | † | 6 | 0 | 54 | 49 | 0.0 | 0.24 | |
| | Malin Head ... | 29.34 | 51 | SE | 4 | † | 29.06 | -3.2 | 47 | 46 | -3 | WNW | 4 | † | 3 | c,† | 51 | 46 | * | 0.55 | |
| | Blacksod Pt. ... | 29.33 | 48 | SSW | 3 | op | 29.18 | -1.9 | 49 | 47 | -1 | WNW | 4 | cpm | 3 | c,op | 51 | 45 | * | 0.19 | |
| | Valencia... .. | 29.32 | 48 | Z | 0 | om | 29.31 | -0.9 | 52 | 48 | +6 | WSW | 3 | c | 5 | o,om | 52 | 45 | 0.0 | 0.08 | |
| | Roche's Point ... | 29.24 | 47 | N | 5 | † | 29.32 | -1.1 | 49 | 48 | -1 | WSW | 4 | rg | 2 | † | 50 | 45 | * | 1.00 | |
| | Parsonstown ... | 29.30 | 46 | SE | 1 | ot | 29.24 | -1.9 | 44 | 43 | -4 | SSW | 1 | otu | * | ot | 49 | 43 | 0.0 | 1.46 | |
| | Donaghadee ... | 29.40 | 54 | SE | 3 | 0 | 29.10 | -3.6 | 54 | 53 | +1 | S | 4 | o | 4 | o,† | 54 | 52 | * | 0.25 | |
| Liverpool Obsy. ... | 29.42 | 55 | ESE | 3 | 0 | 29.27 | -3.2 | 51 | 47 | +2 | S | 4 | bc | 3 | om | 55 | 49 | * | 0.03 | | |
| Holyhead ... | 29.34 | 55 | ESE | 3 | tm | 29.16 | -3.5 | 53 | 52 | 0 | S | 7 | og | 5 | c,tm | 57 | 50 | * | 0.07 | | |
| Pembroke (St. Ann's) ... | 29.22 | 55 | ESE | 7 | 0 | 29.34 | -1.2 | 51 | 47 | -4 | WSW | 6 | bcq | 6 | o,q | 57 | 49 | 0.1 | 0.12 | | |
| GERMANY, &c. | Scilly (St. Mary's) ... | 29.07 | 56 | E | 6 | 0 | 29.40 | +0.2 | 54 | 52 | -1 | SW | 5 | c | 5 | †,o | 57 | 50 | 1.3 | 0.55 | |
| | Jersey (St. Aubins) ... | 29.32 | 58 | SE | 5 | 0 | 29.59 | +0.5 | 54 | 48 | -2 | WSW | 5 | b | 4 | o,q | 60 | 50 | 0.2 | 0.12 | |
| | Portland Bill ... | 29.33 | 56 | SE | 7 | †q | 29.52 | -0.5 | 53 | 48 | -2 | W | 7 | cq | 6 | †,†q | 57 | 49 | * | 0.22 | |
| | Dungeness ... | 29.53 | 58 | ESE | 5 | bc | 29.55 | -1.7 | 55 | 54 | +1 | WSW | 4 | cq | 2 | c,bc | 59 | 51 | * | 0.11 | |
| | Wick ... | 29.51 | 51 | SE | 4 | c | 29.27 | -2.0 | 49 | 49 | -1 | SW | 8 | tu | 6 | - | 54 | 49 | * | 0.08 | |
| | Nairn ... | 29.51 | 52 | E | 1 | c | 29.21 | -2.4 | 54 | 50 | +2 | E | 3 | c | 2 | - | 59 | 50 | * | - | |
| | Aberdeen ... | 29.61 | 49 | SE | 4 | og | 29.33 | -2.0 | 50 | 49 | -1 | SE | 6 | otg | 7 | c,og,†g | 54 | 49 | 0.0 | 0.49 | |
| | Leith ... | 29.53 | 53 | ESE | 2 | 0 | 29.23 | -3.0 | 54 | 52 | -1 | ESE | 2 | o | * | - | 61 | 51 | * | 0.01 | |
| North Shields ... | 29.59 | 51 | SSE | 3 | 0 | 29.30 | -3.1 | 53 | 52 | 0 | SSE | 3 | o | 3 | c,o,† | 57 | 49 | * | 0.10 | | |
| FRANCE. | Spurn Head ... | 29.54 | 50 | ESE | 5 | bc | 29.40 | -2.7 | 52 | 52 | +1 | SE | 4 | ogp | 4 | - | 53 | 49 | * | 0.03 | |
| | Yarmouth ... | 29.59 | 54 | SE | 5 | c | 29.48 | -2.4 | 54 | 52 | +2 | SSE | 4 | cm | 4 | bc,c | 54 | 50 | * | 0.06 | |
| | Loughborough ... | 29.50 | 53 | SE | 3 | 0 | 29.39 | -2.7 | 52 | 49 | +2 | SW | 3 | o | * | c,otg | 59 | 50 | * | 0.13 | |
| | Oxford ... | 29.41 | 55 | SE | 2 | † | 29.48 | -1.7 | 50 | 48 | -2 | SSW | 2 | op | * | o,† | 57 | 50 | * | 0.11 | |
| | London (Brixton) ... | 29.47 | 55 | E | 2 | bc | 29.51 | -1.6 | 53 | 49 | +1 | WSW | 3 | bc | * | bc,ogp | 59 | 51 | 0.2 | 0.08 | |
| | The Scaw (Skagen) ... | 30.29 | 43 | SE | 5 | bc | 30.16 | -1.6 | 41 | 40 | 0 | SE | 5 | c | 1 | - | 43 | 39 | * | - | |
| | Fanö ... | 30.05 | 39 | ESE | 8 | b | 29.93 | -1.6 | 38 | 37 | -3 | ESE | 6 | b | * | - | 47 | 37 | * | - | |
| | Cuxhaven ... | 29.99 | 43 | SE | 6 | b | 29.86 | -1.7 | 35 | 34 | -5 | ESE | 6 | b | * | - | 45 | 36 | * | - | |
| The Helder ... | 29.73 | 49 | ESE | 3 | b | 29.61 | -2.0 | 46 | 44 | 0 | SE | 1 | bc | 1 | - | 52 | 45 | * | - | | |
| SPAN. PEN. | Brussels ... | * | * | * | * | * | 29.64 | -1.7 | 53 | 49 | +3 | SSE | 4 | bc | * | - | 63 | 49 | * | - | |
| | Berlin ... | 30.16 | 39 | ESE | 4 | b | 30.04 | -1.6 | 32 | 31 | -2 | ESE | 4 | b | * | - | 45 | 30 | * | - | |
| | Frankfurt ... | 29.92 | 43 | E | 2 | b | 29.88 | -1.6 | 40 | 38 | 0 | ENE | 1 | bc | * | - | 54 | 36 | * | - | |
| | Munich ... | 29.93 | 35 | SE | 3 | b | 29.89 | -1.6 | 33 | 31 | -1 | E | 2 | bc | * | - | 45 | 30 | * | - | |
| | C. Gris Nez ... | 29.56 | 58 | SE | 5 | 0 | 29.55 | -2.0 | 55 | 50 | +5 | W | 4 | o | 4 | - | 63 | 50 | * | 0.04 | |
| | Brest ... | 29.19 | 57 | SSE | 4 | 0 | 29.57 | +1.6 | 54 | 50 | -1 | SW | 4 | c | 4 | - | 59 | 50 | * | 0.28 | |
| | Lorient ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | * | * | * | * | |
| | Rocheport ... | 29.41 | 59 | S | 5 | 0 | 29.70 | +2.1 | 55 | 52 | -1 | W | 3 | o | * | †,o | 64 | 52 | * | 0.12 | |
| Biarritz ... | 29.52 | 60 | WSW | 7 | † | 29.82 | +3.3 | 52 | 52 | -15 | S | 2 | c | 4 | - | 73 | 50 | * | 0.51 | | |
| SPAN. PEN. | Paris ... | 29.56 | 62 | SE | 5 | 0 | 29.62 | -1.1 | 56 | 55 | +5 | SSW | 3 | o | * | - | 68 | 51 | * | 0.12 | |
| | Belfort ... | 29.81 | 37 | ENE | 4 | f | 29.76 | -1.8 | 39 | 38 | +4 | ENE | 3 | m | * | - | 45 | 36 | * | - | |
| | Lyons ... | 29.68 | 61 | SSW | 2 | c | 29.74 | -1.2 | 55 | 52 | +9 | SSW | 7 | † | * | - | 67 | 46 | * | 0.08 | |
| | Nice ... | 29.93 | 58 | Z | 0 | † | 29.92 | -0.6 | 54 | ? | -1 | E | 3 | † | 5 | - | 63 | 54 | * | 0.83 | |
| | Perpignan ... | 29.58 | 63 | S | 3 | b | 29.77 | +0.4 | 53 | 48 | -7 | W | 4 | o | * | - | 64 | 53 | * | 0.20 | |
| | Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | * | * | * | * | |
| | Lisbon ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | * | * | * | * | |
| | Azores (P. Delgada) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | * | * | * | * | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR FRIDAY, 7th NOVEMBER, 1902.

I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 →

Force 5 to 7 →

Calm ☉

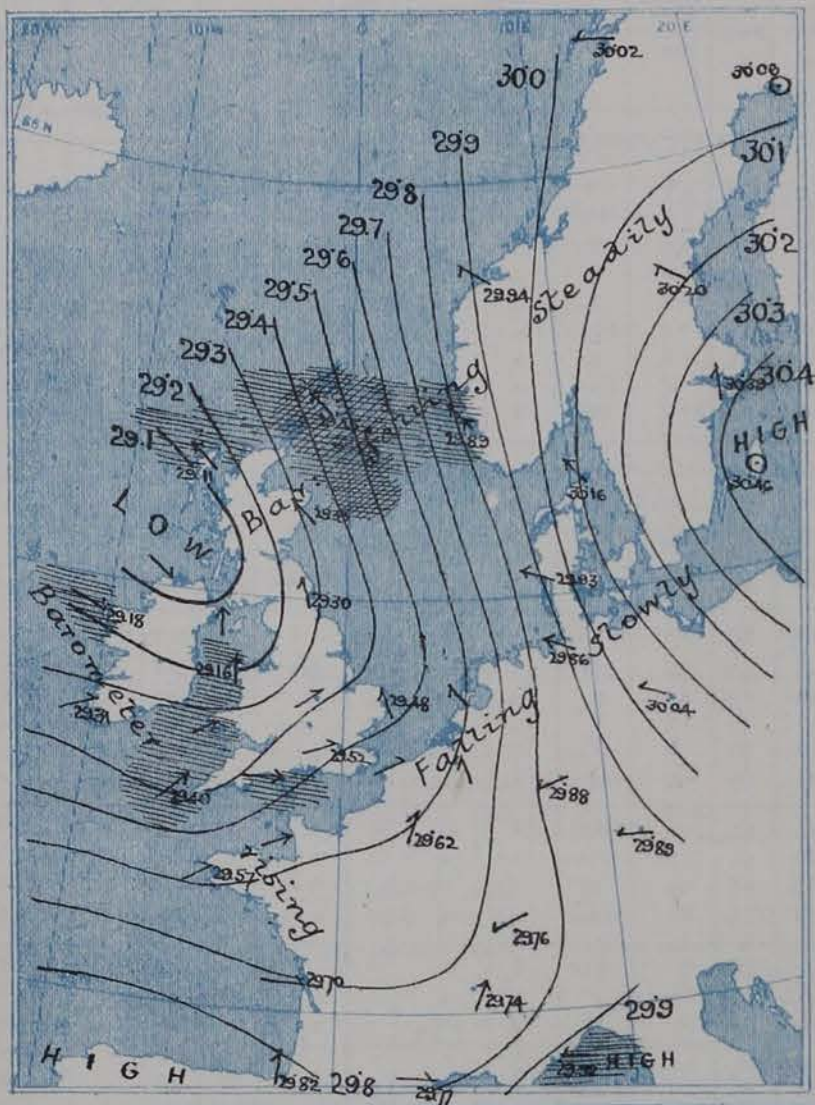
Force 8 to 10 →

Force 1 to 4 →

SEA—Rough

High

High

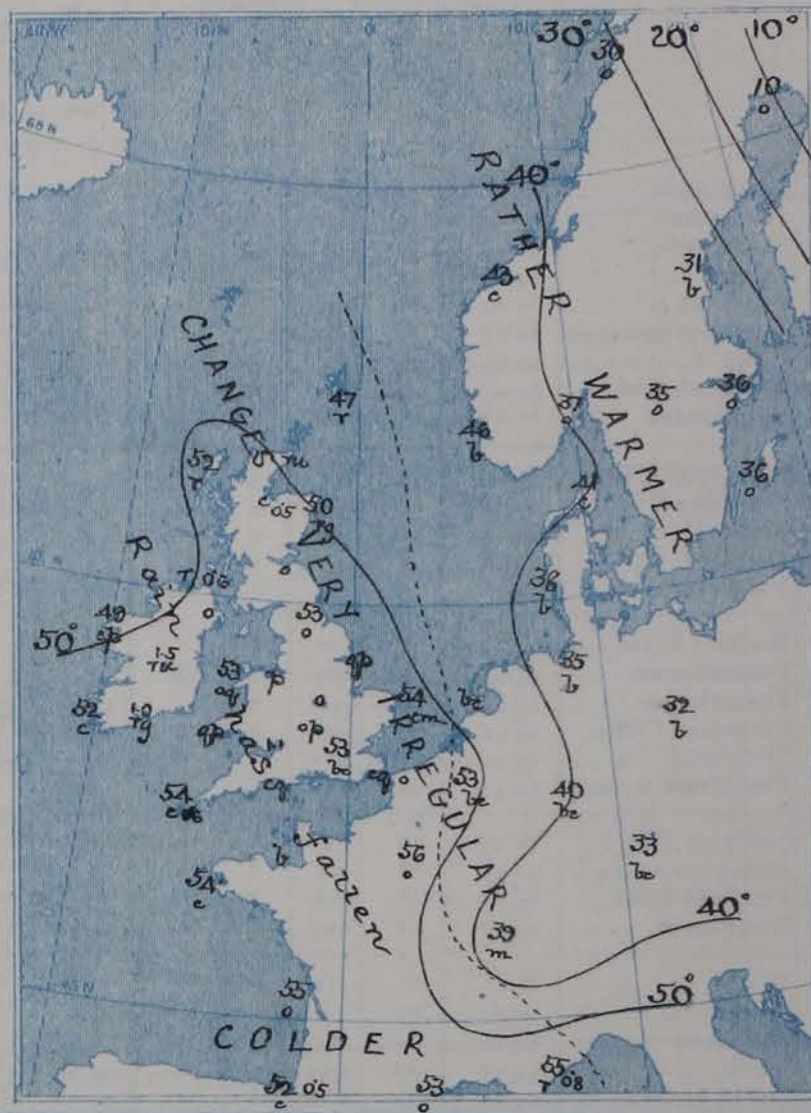


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus —0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen {Average No of Hours daily} 1.4
(for Stornaway) {Total Possible} 7.7



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

OCTOBER NOVEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure is now highest over the Baltic, and lowest off our north-west coasts, the readings varying from 30.45 ins. at Wisby to 29.06 ins. at Malin Head. Several shallow secondary systems prevail over England and France.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is strong to a gale from S.E. at the northern stations, less strong, but squally, from between S. and W. over England, and moderate, mainly from the Westward, in Ireland. Temperature varies from 54° to 50° over Great Britain and Ireland and stands at 47° at Lumburgh Head. It is much above the average over the western and northern districts and slightly so in the south. The weather is in a very changeable condition all over the Kingdom, squally and showery intervals alternating with very bright spells in most places; at present the rain is prevalent chiefly in the north. To the eastward of the North Sea the sky is clear. The sea is high or rough except on a few parts of our eastern coasts.

Yesterday the maximum temperatures were high everywhere and touched 61° at Leith, 60° at Jersey, 59° in London and at Loughborough. Rain fell at all our stations except Nairn - more than an inch in Ireland. Bright sunshine was greatest on our south and south-east coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The gales referred to above will subside as the depression in the north-west passes off, but, after a brief interval of bright weather, further showers are probable in most places.

FORECASTS *

For the 24 hours ending at NOON on 8th November, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

S.E. to S.W. gales and strong winds, moderating later; changeable and showery.

S.W. and W. winds, strong; squally, showery with bright intervals.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Very variable S. to W. winds, strong to moderate; showery, bright intervals.

WARNINGS

At 7 p.m. to districts 3, 5, 7, 8 and parts of 2 and 9, Re-hoist South Cone.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (\Uparrow), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|------------|-------|----------|----------------------------|--------------|------|---------|-------|----------|------|----------------|--------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. Ins. Change. | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | b | * | b, o | 55 | 52 | 6.3 | 0.09 |
| Newton Reigny (Penrith) ... | 29.53 | 51 | SE 2 | o | 29.22 -34 | 54 | 52 | +3 | SE 2 | o | * | o, c, om | 56 | 50 | 3.0 | 0.06 |
| Bath | 29.38 | 56 | NW 4 | o | 29.58 -02 | 50 | 45 | -3 | SW 4 | b | * | - | 59 | 49 | 0.0 | 1.08 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 52 | 47 | m, c, om | 0.6 | 0.03 | Worthing | * | * | * | 2.7 | * |
| Birmingham, 9 p.m. ... | 56 | 48 | r | 0.0 | 0.13 | Llandudno | * | * | * | 1.8 | * |
| Lowestoft, up to 6 p.m. ... | 57 | 42 | c | 3.6 | 0.02 | Rhyl | * | * | * | 1.2 | * |
| Hastings | * | * | * | 2.3 | * | Southport, 9 p.m. ... | 56 | 50 | o, c, o | 0.4 | 0.07 |
| Eastbourne | * | * | * | 5.4 | * | Manchester, 9 p.m. ... | 60 | 49 | ogr | 0.3 | 0.01 |
| Brighton | * | * | * | 3.8 | * | Darwen, 9 p.m. ... | 53 | 48 | om | 0.1 | 0.10 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. at 1 p.m. | WEATHER. | RAIN. (measured at 7 a.m.) |
|-----------------------|-----------------|-----------|----------|-------|-----------------|------------------------------|----------|----------------------------------|
| | Max. ° | Min. ° | | | | | | |
| 6. XI. 02 | | | | | 5. XI. 02 | | | |
| Marseilles | 66 | 61 | o o | Ins. | Geneva | 45 | m | Ins. |
| Utrecht | 50 | 39 | o c | 0.04 | Berne | 41 | o | — |
| Copenhagen | 43 | 36 | b o | — | Lucerne | 39 | m | — |
| Prague | 46 | 39 | o o | — | Lausanne | 48 | bc | — |
| Vienna | 46 | 43 | o o | — | Lugano | 52 | b | — |
| Buda-Pesth | 48 | 41 | o o | — | Locarno | 54 | b | — |
| St. Petersburg | 50 | 18 | s o | 0.08 | | | | |
| Rome | 64 | 45 | b b | — | | | | |
| Malta | 70 | 66 | ? bc | — | | | | |
| Madeira (Funchal) ... | 70 | 54 | c o | — | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) ... | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) ... | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| | 7. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|--------------|-------------------|----------------|------------------|
| | | h. m. | h. m. | h. m. |
| Yarmouth | | 7.0 | 11.37 | 4.14 |
| Greenwich | | 7.5 | 11.44 | 4.23 |
| Wick | | 7.44 | 11.56 | 4.8 |
| Valencia | | 7.47 | 12.25 | 5.3 |

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" Weekly " " " £1 10 0 " Single Copies, 6d.

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

SATURDAY 8TH NOVEMBER

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|------------------|---------------------------|--|--------------|--------|---------------------|-------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|------------------|----------|-------------|----------------|------|-------------------------|------------------|------|
| | | BAROM. | | TEMP. | | WIND. | BAROMETER. | | TEMPERATURE. | | | WIND. | | Sea (0 to 9.) | Weather. | TEMP. | | | | | |
| | | At 32° and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | Force (0 to 12.) | | | Weather. | Max. | Min. | Sun- shine. Hours | Rainfall Ins. | |
| | | | | | | | | | | | | | | | | | | | | | Ins. |
| SCANDINAVIA. | Haparanda ... | 30.10 | 15 | Z | 0 | b | 29.89 | -17 | 33 | 31 | +23 | WSW | 2 | c | * | - | 33 | 7 | * | - | |
| | Hernösand ... | 30.07 | 33 | S | 4 | b | 29.99 | -21 | 30 | 27 | -1 | SE | 4 | b | * | - | 37 | 25 | * | - | |
| | Stockholm ... | 30.22 | 37 | Z | 0 | 0 | 30.11 | -28 | 39 | 37 | +3 | S | 2 | 0 | * | - | 39 | 27 | * | - | |
| | Wisby ... | 30.22 | 40 | NE | 2 | bc | 30.10 | -35 | 39 | 37 | +3 | Z | 0 | bc | * | - | 45 | 30 | * | - | |
| | Karlstad ... | 30.15 | 30 | NE | 2 | 0 | 30.01 | -31 | 36 | 35 | +1 | NE | 2 | 0 | * | - | * | * | * | - | |
| | Färder (X'ania Fjord) ... | 30.08 | 37 | NE | 2 | b | 29.97 | -27 | 37 | 36 | 0 | NE | 4 | f | 2 | - | 48 | 36 | * | 0.28 | |
| | Bodö ... | 29.89 | 37 | E | 4 | 0 | 29.76 | -26 | 38 | 33 | +8 | E | 2 | 0 | 1 | - | 38 | 27 | * | - | |
| | Christiansund ... | 29.70 | 50 | ESE | 2 | c | 29.77 | -17 | 44 | 42 | +1 | Z | 0 | c | 2 | - | 50 | 41 | * | - | |
| BRITISH ISLANDS. | Skudesnaes ... | 29.73 | 45 | SE | 8 | 0 | 29.76 | -13 | 44 | 42 | -2 | SE | 4 | f | 4 | 0 | 50 | 43 | * | * | |
| | Sumburgh Head ... | 29.30 | 48 | SE | 8 | 0 | 29.46 | +01 | 47 | 47 | 0 | SE | 3 | 0 | 7 | f, o | 48 | 45 | * | 0.07 | |
| | Stornoway ... | 29.15 | 48 | W | 1 | f | 29.29 | +18 | 48 | 45 | -4 | S | 5 | b | 5 | f | 54 | 44 | 0.0 | 0.39 | |
| | Malin Head ... | 29.27 | 47 | SW | 6 | op | 29.04 | -02 | 47 | 46 | 0 | ESE | 7 | 0 | 4 | f, op | 48 | 40 | * | 0.22 | |
| | Blacksod Pt. ... | 29.31 | 49 | WSW | 4 | b | 28.95 | -23 | 47 | 45 | -2 | SW | 5 | cp | 4 | bc, b | 51 | 46 | * | 0.20 | |
| | Valencia ... | 29.42 | 48 | SSW | 2 | cp | 29.10 | -21 | 48 | 47 | -4 | W | 4 | p | 5 | bc, cp | 53 | 45 | 2.8 | 0.84 | |
| | Roche's Point ... | 29.47 | 49 | W | 3 | c | 29.10 | -22 | 48 | 47 | -1 | W | 4 | c | 4 | b, c, b, r | 54 | 46 | * | 0.46 | |
| | Parsonstown ... | 29.41 | 42 | SE | 1 | b | 29.07 | -17 | 44 | 43 | 0 | SE | 1 | c | * | p, b, r | 51 | 40 | 1.6 | 0.48 | |
| GERMANY, &c. | Donaghadee ... | 29.36 | 45 | WSW | 2 | bc | 29.21 | -11 | 51 | 49 | -3 | S | 5 | ogap | 5 | - | 54 | 42 | * | 0.07 | |
| | Liverpool Obsy. ... | 29.52 | 48 | SSW | 2 | bc | 29.36 | +09 | 45 | 43 | -6 | SE | 5 | 0 | 4 | bc | 54 | 42 | * | 0.01 | |
| | Holyhead ... | 29.47 | 50 | SW | 3 | bp | 29.25 | +09 | 51 | 49 | -2 | SE | 8 | eq | 6 | o, bp | 53 | 47 | * | 0.10 | |
| | Pembroke (St. Ann's) ... | 29.51 | 52 | SW | 5 | bc | 29.12 | -22 | 52 | 51 | +1 | S | 8 | tgmg | 6 | - | 56 | 46 | 5.2 | 0.23 | |
| | Scilly (St. Mary's) ... | 29.56 | 52 | WSW | 5 | cp | 29.23 | -17 | 53 | 52 | -1 | SW | 5 | c | 5 | c, eq | 55 | 48 | 5.9 | 0.53 | |
| | Jersey (St. Aubins) ... | 29.75 | 57 | SW | 4 | bp | 29.58 | -01 | 54 | 52 | 0 | SE | 7 | orm | 5 | b, bcp | 60 | 52 | 8.3 | 0.06 | |
| | Portland Bill ... | 29.65 | 52 | SW | 6 | py | 29.45 | -07 | 53 | 52 | 0 | S | 8 | f | 6 | o, bp | 56 | 49 | * | 0.08 | |
| | Dungeness ... | 29.72 | 55 | WSW | 5 | c | 29.73 | +18 | 52 | 52 | -3 | S | 7 | bcq | 4 | o, c | 58 | 52 | * | 0.07 | |
| FRANCE. | Wick ... | 29.18 | 49 | SE | 5 | 0 | 29.38 | +11 | 48 | 47 | -1 | S | 3 | bc | 5 | - | 52 | 44 | * | 0.15 | |
| | Nairn ... | 29.19 | 54 | SSE | 3 | 0 | 29.37 | +16 | 39 | 37 | -15 | Z | 0 | b | 1 | - | 57 | 36 | * | - | |
| | Aberdeen ... | 29.34 | 50 | SSW | 3 | 0 | 29.43 | +10 | 48 | 46 | -2 | S | 3 | c | 5 | 0 | 52 | 39 | 0.0 | 0.17 | |
| | Leith ... | 29.37 | 50 | SSW | 2 | b | 29.39 | +16 | 45 | 43 | -9 | SE | 2 | bc | 8 | - | 58 | 42 | * | - | |
| | North Shields ... | 29.48 | 50 | SW | 2 | bcm | 29.48 | +18 | 44 | 43 | -9 | SSW | 3 | orm | 3 | o, bcm | 55 | 39 | * | - | |
| | Spurn Head ... | 29.57 | 51 | S | 3 | bc | 29.55 | +15 | 45 | 45 | -7 | SSE | 4 | bw | 3 | - | 56 | 44 | * | - | |
| | Yarmouth ... | 29.65 | 53 | SW | 2 | c | 29.67 | +19 | 50 | 48 | -4 | S | 3 | b | 4 | c | 56 | 46 | * | - | |
| | Loughborough ... | 29.60 | 47 | SSE | 1 | b | 29.53 | +14 | 45 | 44 | -7 | ESE | 3 | cm | * | bc, b, v, c | 57 | 40 | * | - | |
| SPAN. PEN. | Oxford ... | 29.67 | 48 | SSE | 2 | b | 29.52 | +04 | 49 | 47 | -1 | SE | 3 | 0 | * | b | 56 | 44 | * | - | |
| | London (Brixton) ... | 29.67 | 51 | W | 2 | c | 29.60 | +09 | 50 | 48 | -3 | S | 4 | op | * | bc, c, et | 58 | 45 | 4.0 | 0.11 | |
| | The Scaw (Skagen) ... | 30.03 | 43 | S | 4 | b | 29.89 | -27 | 44 | 44 | +3 | SSE | 3 | m | 1 | - | 45 | 41 | * | - | |
| | Fanö ... | 29.84 | 39 | SE | 3 | b | 29.79 | -14 | 40 | 39 | +2 | SE | 2 | f | * | - | 43 | 37 | * | 0.08 | |
| | Cuxhaven ... | 29.82 | 42 | SE | 4 | bc | 29.84 | -02 | 46 | 46 | +11 | SW | 2 | of | * | - | 46 | 35 | * | - | |
| | The Helder ... | 29.69 | 53 | SW | 1 | f | 29.76 | +15 | 45 | 44 | -1 | S | 1 | b | 1 | - | 59 | 45 | * | 0.08 | |
| | Brussels ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| | Berlin ... | 29.93 | 43 | SE | 3 | b | 29.93 | -11 | 42 | 41 | +10 | SSW | 2 | f | * | - | 46 | 32 | * | - | |
| SPAN. PEN. | Frankfurt ... | 29.90 | 46 | S | 2 | 0 | 30.06 | +18 | 44 | 43 | +4 | SSW | 1 | 0 | * | - | 50 | 40 | * | - | |
| | Munich ... | 29.89 | 44 | SW | 2 | 0 | 30.15 | +26 | 46 | 44 | +13 | SW | 3 | 0 | * | - | 55 | 32 | * | - | |
| | C. Gris Nez ... | 29.75 | 54 | SW | 4 | 0 | 29.75 | +20 | 48 | 47 | -7 | SSW | 5 | 0 | 5 | - | 63 | 46 | * | - | |
| | Brest ... | 29.58 | 53 | W | 4 | c | 29.39 | -18 | 54 | 54 | 0 | S | 7 | f | 6 | - | 57 | 52 | * | 0.35 | |
| | Lorient ... | 29.78 | 54 | WSW | 4 | c | 29.56 | -07 | 57 | 57 | +3 | S | 9 | f | 9 | - | 59 | 48 | * | 0.20 | |
| | Rocheport ... | 29.89 | 55 | WSW | 4 | c | 29.96 | +26 | 51 | 50 | -4 | S | 5 | 0 | * | c | 59 | 48 | * | 0.28 | |
| | Biarritz ... | 30.04 | 59 | W | 4 | b | 30.02 | +20 | 55 | 48 | +3 | S | 4 | bc | 4 | - | 59 | 48 | * | - | |
| | Paris ... | 29.86 | 49 | SSW | 3 | 0 | 29.93 | +31 | 48 | 47 | -8 | SSW | 4 | 0 | * | - | 57 | 43 | * | 0.35 | |
| SPAN. PEN. | Belfort ... | 29.87 | 51 | SW | 6 | 0 | 30.08 | +32 | 42 | 41 | +3 | W | 3 | bc | * | - | 60 | 39 | * | - | |
| | Lyons ... | 30.02 | 47 | S | 1 | f | 30.15 | +41 | 41 | 40 | -14 | SSE | 1 | b | * | - | 61 | 30 | * | 0.99 | |
| | Nice ... | 30.02 | 55 | SE | 1 | bc | 30.09 | +17 | 47 | 45 | -7 | NE | 2 | b | 3 | - | 61 | 45 | * | 0.08 | |
| | Perpignan ... | 30.07 | 50 | S | 2 | 0 | 30.12 | +35 | 40 | 40 | -13 | SW | 2 | b | * | - | 64 | 39 | * | 0.71 | |
| | Corunna ... | | | | | | | | | | | | | * | - | | | * | | | |
| | Lisbon ... | | | | | | | | | | | | | * | - | | | * | | | |
| | Azores (P. Delgada) ... | 29.91 | 65 | WSW | 5 | f | 30.00 | +18 | 65 | 65 | 0 | WNW | 3 | m | 4 | - | 68 | 64 | * | 0.08 | |
| | | | | | | | | | | | | | | | | | | | | | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR SATURDAY, 8th NOVEMBER, 1902.

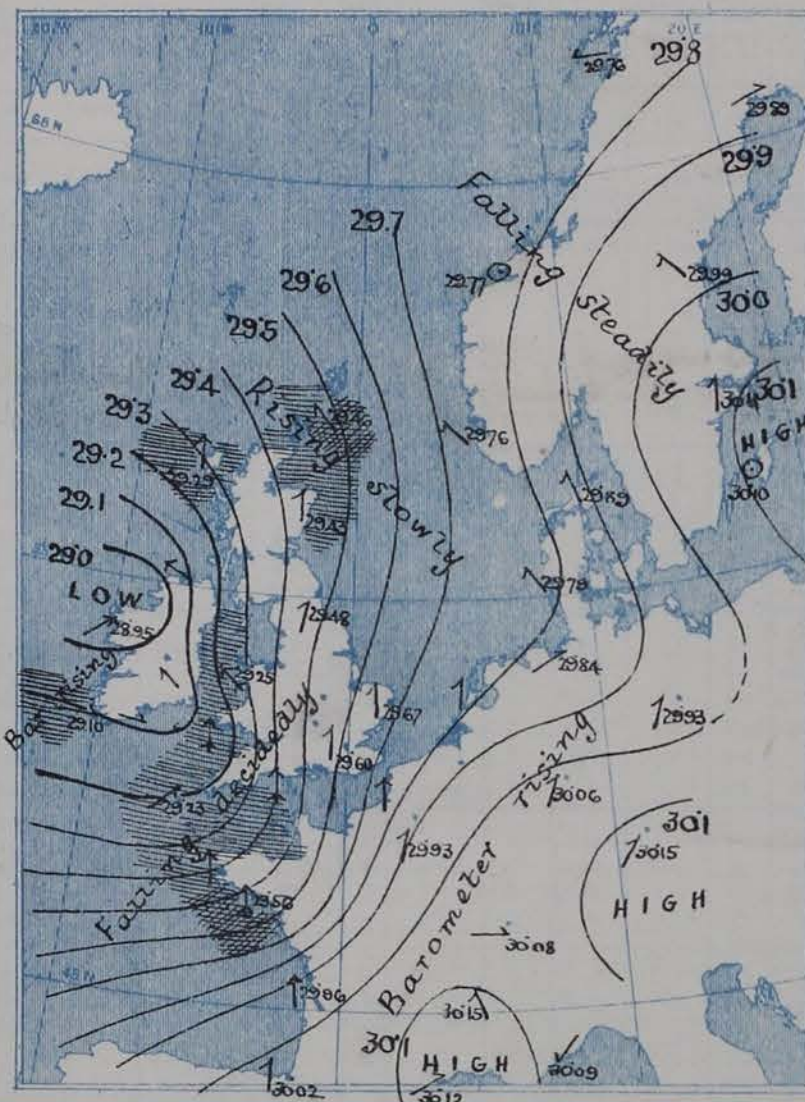
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

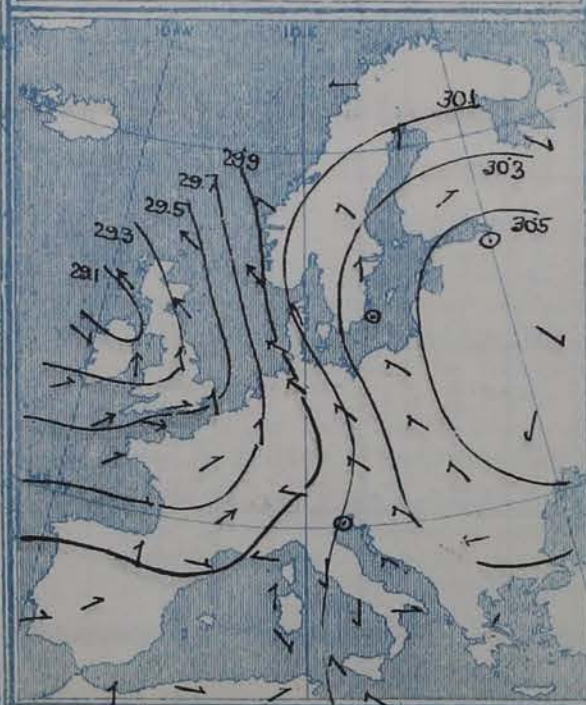
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen { Average No of Hours daily } 1.4
(for Stornaway) { Total Possible } 7.7



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period
NOVEMBER. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression noticed in the north-west yesterday has passed completely away to the northward, but in the past night a new and complex series of disturbances has advanced to our western districts from the Atlantic. In the meantime the anticyclonic system over northern Europe has been moving slowly south-eastwards. Readings range from 30.11 in. at Stockholm to 28.95 in. at Blackrod Point and 29.23 in. at Scilly.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is moderate from the S^d. over the northern parts of Great Britain, and from W. in the south of Ireland; on the coasts of the Irish and English Channels it is blowing hard from S. and S.E. and over Brittany there is a Sth gale. Temperature, though inclined to fall in many parts of our Islands, ranges from 53° at Scilly and Portland to 45° at Wick, and 39° Kairn. This last reading is lower than the average, but at nearly all the other stations the values are slightly in excess. The weather is in a most changeable, unstable condition everywhere - temporarily fine and bright in Scotland, showery in Ireland, equally and rainy over Wales, the south of England and the Channel. The sea is still high in the far north, more or less rough elsewhere.

A maximum temperature of 60° was recorded at Jersey yesterday, 58° at Portland and in London. Rain fell at all the northern, western and southern stations - 0.84 in. at Valencia. Bright sunshine was very considerable on the south-west coasts of England.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the present disturbances are likely to travel quickly away to the north-eastward, there is at present no indication of settled weather for any district.

FORECASTS*

For the 24 hours ending at NOON on 9th November, 1902

DISTRICTS.

FORECASTS.

| | | |
|---|-----------------------|---|
| 0 | { SCOTLAND NORTH | Very variable S th to W th winds, strong at times and light in intervals; showery, very unsettled. |
| 1 | { SCOTLAND EAST | |
| 2 | { ENGLAND N.E. | |
| 3 | { ENGLAND EAST | |
| 4 | { MIDLAND COUNTIES | |
| 5 | { ENGLAND SOUTH | S th winds, strong to a gale; squally, showery, then W th and moderate; fair, but conditions very unstable. |

DISTRICTS.

FORECASTS.

| | | |
|----|--------------------|--|
| 6 | { SCOTLAND WEST | S th to W th winds, strong; squally, showery, bright intervals. |
| 7 | { ENGLAND N.W. | |
| 8 | { ENGLAND S.W. | |
| 9 | { IRELAND NORTH | Variable winds, both in direction and force; very unsettled. |
| 10 | { IRELAND SOUTH | |

WARNINGS

The South Cone is still flying in districts 7, 8 and parts of 9 and 10.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | |
|--------------------------------|------------------|------------|-------|----------|------------------------------|--------------|----|-----|-------|----------|------|----------------|---------------------------------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. Ins. Change. | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. Max. Min. ° | Sun- shine. Hrs. | Rainfall Ins. |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | b | * | bc, o | 56 49 | 4.0 | 0.19 |
| Newton Reigny (Penrith) ... | 29.44 | 48 | SE 4 | † | 29.40 +.12 | 43 | 42 | -11 | SE 2 | bc | * | - | 55 43 | 0.2 | 0.06 |
| Bath | 29.62 | 51 | NE 1 | o | 29.44 - .14 | 52 | 50 | +2 | ? 2 | † | * | - | 58 42 | 7.4 | 0.02 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 54 | 49 | c, b, c | 2.4 | 0.12 | Worthing | * | * | * | 3.7 | * |
| Birmingham, 9 p.m. ... | 55 | 45 | c | 5.2 | 0.13 | Llandudno | * | * | * | 1.8 | * |
| Lowestoft, up to 6 p.m. ... | * | * | * | * | * | Rhyl | * | * | * | 2.8 | * |
| Hastings | * | * | * | 2.9 | * | Southport, 9 p.m. ... | 56 | 46 | o, c, b | 2.8 | 0.02 |
| Eastbourne | * | * | * | 3.2 | * | Manchester, 9 p.m. ... | 60 | 47 | b | 4.8 | 0.03 |
| Brighton | * | * | * | 3.0 | * | Darwen, 9 p.m. ... | 54 | 43 | cw | 1.2 | 0.19 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | | TEMPERATURE, F. | | WEATHER. | RAIN. (measured at 7 a.m.) |
|--|----|-----------------|-----------|----------|--------------|-----------------|----|-----------------|--------------|----------|----------------------------------|
| | | Max. ° | Min. ° | | | | | at 1 p.m. ° | | | |
| 7. X 1. 02 | | | | | | 6. X 1. 02 | | | | | |
| Marseilles | 70 | 59 | o | o | Ins. 0.12 | Geneva | 45 | m. | Ins. 0.04 | | |
| Utrecht... .. | 57 | 45 | o | o | — | Berne | 37 | m. | — | | |
| Copenhagen... .. | 45 | 37 | b | bc | — | Lucerne | 41 | m. | — | | |
| Prague | 48 | 37 | b | o | — | Lausanne | 46 | b | — | | |
| Vienna | 46 | 41 | o | o | — | Lugano | 52 | o | — | | |
| Buda-Pesth | 48 | 45 | o | o | — | Locarno | 52 | r | — | | |
| St. Petersburg | 27 | 16 | b | c | — | | | | | | |
| Rome | 64 | 47 | b | o | — | | | | | | |
| Malta | 70 | 62 | ? | o | — | | | | | | |
| Madeira (Funchal) <i>no obs. Recd.</i> | | | | | | | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

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| | Hours of Morning Observations by Local Standard Time. | Corres- ponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corres- ponding Greenwich Times. |
|---|--|---|--|---|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) ... | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) ... | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 8. X 1. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| | h. m. | h. m. | h. m. |
| Yarmouth | 7. 2 | 11. 37 | 4. 12 |
| Greenwich | 7. 7 | 11. 44 | 4. 21 |
| Wick | 7. 46 | 11. 56 | 4. 6 |
| Valencia | 7. 49 | 12. 25 | 5. 1 |

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† Except at Oxford, where the observations are taken at 8 p.m.

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for 8 a.m. on

SUNDAY 9th NOVEMBER

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | YESTERDAY EVENING. (See note on last page.) | | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|------------------|--|--------------|--------|---------------------|----------|------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|----------|------------------|-----------|----------------|------|-------------------------|-------------------|---|
| | Barom. | Temp. | Wind. | | Weather. | | Barometer. | | Temperature. | | | Wind. | | Weather. | Sea (0 to 9.) | | Temp. | | Sun- shine. Hours | Rainfall. Ins. | |
| | At 82° and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | | | At 82° Fabr. and M.S.L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | Force (0 to 12.) | | | | Max. | Min. | | | |
| | Ins. | | | | | | Ins. | Ins. | ° | ° | | | | | | | | | | | |
| SCANDINAVIA. | Haparanda ... | 29.92 | 32 | SW | 2 | o | 30.00 | -11 | 33 | 33 | 0 | SSW | 2 | f | * | - | 34 | 14 | * | - | - |
| | Hernösand ... | 29.95 | 36 | SE | 4 | o | 29.91 | -0.8 | 37 | 36 | +7 | SSE | 2 | f | * | - | 37 | 28 | * | - | - |
| | Stockholm ... | 30.00 | 41 | SSE | 2 | o | 29.95 | -1.6 | 41 | 39 | +2 | S | 2 | f | * | - | 43 | 36 | * | - | - |
| | Wisby ... | 29.99 | 41 | Z | 0 | c | 29.98 | -1.2 | 42 | 41 | +3 | Z | 0 | o | * | - | 42 | 34 | * | - | - |
| | Karlstad ... | 29.91 | 39 | Z | 0 | o | 29.87 | -1.4 | 40 | 39 | +4 | E | 2 | f | * | 0.1 | * | * | * | - | - |
| | Færder (X'ania Fjord) ... | 29.85 | 41 | SE | 5 | bc | 29.71 | -2.6 | 44 | 44 | +7 | SSE | 5 | f | 3 | - | ? | 36 | * | 0.16 | - |
| | Bodö ... | 29.71 | 39 | E | 3 | b | 29.63 | -1.3 | 38 | 34 | 0 | E | 1 | b | 0 | - | 39 | 34 | * | - | - |
| | Christiansund ... | 29.65 | 44 | Z | 0 | bc | 29.56 | -2.1 | 42 | 37 | -2 | SE | 3 | b | 2 | - | 45 | 39 | * | - | - |
| | Skudesnaes ... | 29.63 | 46 | SE | 6 | o | 29.46 | -3.0 | 49 | 48 | +5 | SSE | 6 | o | 4 | 0 | 49 | 41 | * | - | - |
| BRITISH ISLANDS. | Sumburgh Head ... | 29.31 | 48 | SSE | 4 | c | 29.01 | -4.5 | 47 | 47 | 0 | SE | 5 | f | 7 | c | 49 | 47 | * | 0.03 | - |
| | Stornoway ... | 29.04 | 48 | SE | 4 | o | 28.78 | -5.1 | 46 | 45 | -2 | NW | 3 | o | 3 | c, o | 53 | 44 | 4.0 | 0.97 | - |
| | Malin Head ... | 28.87 | 47 | SSW | 4 | c | 29.06 | +0.2 | 51 | 50 | +4 | WNW | 7 | cqb | 5 | f, c | 51 | 45 | * | 0.32 | - |
| | Blacksod Pt. ... | 28.95 | 49 | WNW | 8 | cpqm | 29.33 | +3.8 | 51 | 48 | +4 | WNW | 7 | cpqm | 6 | c, cpqm | 51 | 47 | * | 0.40 | - |
| | Valencia ... | 29.24 | 51 | WSW | 7 | o | 29.54 | +4.4 | 52 | 49 | +4 | W | 8 | cu | 6 | o | 52 | 46 | 2.5 | 0.23 | - |
| | Roche's Point ... | 29.23 | 49 | W | 4 | bcq | 29.47 | +3.7 | 49 | 48 | +1 | WNW | 5 | tg | 4 | c, bcq | 52 | 44 | * | 0.04 | - |
| | Parsonstown ... | 29.10 | 45 | SW | 2 | f | 29.32 | +2.5 | 47 | 46 | +3 | W | 7 | cqb | * | o, p | 50 | 43 | 3.9 | 0.64 | - |
| | Donaghadee ... | 29.01 | 46 | SW | 2 | bc | 29.11 | -1.0 | 47 | 45 | -4 | WNW | 4 | tgq | 2 | - | 51 | 43 | * | 0.35 | - |
| | Liverpool Obsy. ... | 29.23 | 46 | SSW | 3 | bc | 29.31 | -0.5 | 48 | 44 | +3 | SW | 5 | c | 4 | o, p, bc | 50 | 45 | * | 0.28 | - |
| | Holyhead ... | 29.15 | 50 | WSW | 6 | cpb | 29.29 | +0.4 | 49 | 47 | -2 | WSW | 8 | cqb | 6 | f, cpb | 50 | 46 | * | 0.59 | - |
| | Pembroke (St. Ann's) ... | 29.28 | 52 | WSW | 7 | c | 29.44 | +3.2 | 52 | 46 | 0 | W | 7 | cqb | 6 | c, qb | 54 | 47 | 3.7 | 0.37 | - |
| | Scilly (St. Mary's) ... | 29.42 | 52 | WSW | 7 | cp | 29.57 | +3.4 | 52 | 47 | -1 | WNW | 7 | cq | 5 | c, cp | 55 | 46 | 6.5 | 0.13 | - |
| | Jersey (St. Aubins) ... | 29.60 | 56 | W | 6 | bcq | 29.70 | +1.2 | 51 | 47 | -3 | WSW | 6 | c | 5 | f, bcq, p | 58 | 47 | 3.3 | 0.27 | - |
| | Portland Bill ... | 29.48 | 54 | W | 7 | cq | 29.56 | +1.1 | 51 | 46 | -2 | WNW | 7 | bc | 6 | bc, cq | 55 | 47 | * | 0.21 | - |
| | Dungeness ... | 29.55 | 55 | WSW | 7 | o | 29.60 | +1.3 | 52 | 50 | 0 | W | 6 | c | 4 | o, thq | 55 | 48 | * | 0.28 | - |
| | Wick ... | 29.12 | 49 | SE | 6 | o | 28.85 | -5.3 | 47 | 44 | -1 | SE | 3 | c | 6 | - | 51 | 44 | * | 0.05 | - |
| | Nairn ... | 29.00 | 50 | E | 2 | f | 28.86 | -5.1 | 41 | 40 | +2 | SW | 2 | c | 1 | - | 51 | 35 | * | 0.25 | - |
| GERMANY, &c. | Aberdeen ... | 29.04 | 48 | ESE | 9 | otgq | 28.96 | -4.7 | 47 | 45 | -1 | S | 5 | cqb | 6 | c, otgq | 50 | 44 | 0.8 | 0.45 | - |
| | Leith ... | 28.99 | 48 | SSE | 2 | o | 29.03 | -3.6 | 48 | 45 | +3 | SW | 3 | c | * | - | 49 | 43 | * | 0.14 | - |
| | North Shields ... | 29.12 | 45 | S | 3 | c | 29.15 | -3.3 | 46 | 44 | +2 | S | 4 | cp | 3 | f, c | 50 | 43 | * | 0.24 | - |
| | Spurn Head ... | 29.27 | 49 | SSW | 6 | b | 29.37 | -1.8 | 45 | 44 | 0 | SSW | 4 | b | 3 | - | 52 | 43 | * | 0.09 | - |
| | Yarmouth ... | 29.45 | 51 | SSW | 4 | bc | 29.50 | -1.7 | 46 | 44 | -4 | SSW | 4 | b | 4 | f, bc | 52 | 44 | * | 0.06 | - |
| | Loughborough ... | 29.34 | 48 | SSW | 5 | b | 29.43 | -1.0 | 45 | 44 | 0 | SSW | 3 | bcw | * | f, bcq, b | 52 | 43 | * | 0.16 | - |
| | Oxford ... | 29.45 | 47 | S | 4 | b | 29.52 | 0.0 | 45 | 43 | -4 | SSW | 3 | bc | * | otg, b, p | 55 | 43 | * | 0.25 | - |
| | London (Brixton) ... | 29.49 | 50 | SW | 3 | b | 29.55 | -0.5 | 46 | 44 | -4 | SW | 2 | bc | * | f, bcq, b | 54 | 44 | 1.5 | 0.21 | - |
| | The Scaw (Skagen) ... | 29.80 | 45 | SSW | 3 | f | 29.69 | -2.0 | 46 | 46 | +2 | SSE | 4 | f | 1 | - | 46 | 43 | * | 0.04 | - |
| | Fanö ... | 29.74 | 46 | SSE | 4 | o | 29.63 | -1.6 | 46 | 45 | +6 | SSE | 6 | f | * | - | 50 | 40 | * | 0.16 | - |
| | Cuxhaven ... | 29.84 | 48 | S | 3 | b | 29.69 | -1.5 | 48 | 47 | +2 | S | 4 | f | * | - | 52 | 46 | * | 0.04 | - |
| | The Helder ... | 29.60 | 50 | SSW | 5 | f | 29.57 | -1.9 | 45 | 44 | 0 | SSW | 1 | b | 2 | - | 52 | 45 | * | 0.12 | - |
| | Brussels ... | * | * | * | * | * | 29.72 | -1.6 | 47 | 46 | -1 | S | 3 | b | * | - | 53 | 45 | * | 0.04 | - |
| | Berlin ... | 30.02 | 44 | S | 2 | b | 29.94 | +0.1 | 41 | 40 | -1 | S | 2 | bc | * | - | 54 | 37 | * | - | - |
| | Frankfurt ... | 29.95 | 44 | SW | 2 | bc | 29.86 | -2.0 | 45 | 44 | +1 | SW | 1 | f | * | - | 54 | 43 | * | 0.04 | - |
| | Munich ... | 30.07 | 40 | SE | 1 | b | 29.97 | -1.8 | 31 | 31 | -15 | E | 2 | f | * | - | 50 | 28 | * | - | - |
| FRANCE. | C. Gris Nez ... | 29.61 | 50 | SW | 6 | f | 29.64 | -1.1 | 51 | 47 | +3 | WSW | 7 | o | 6 | - | 52 | 46 | * | 0.47 | - |
| | Brest ... | 29.59 | 53 | WSW | 5 | c | 29.74 | +3.5 | 49 | 47 | -5 | NW | 4 | bc | 5 | - | 55 | 41 | * | 0.43 | - |
| | Lorient ... | 29.58 | 55 | WSW | 6 | o | 29.80 | +2.4 | 52 | 52 | -5 | NNW | 6 | f | 5 | - | 59 | 50 | * | 0.47 | - |
| | Rochefort ... | 29.78 | 56 | SSW | 6 | b | 29.86 | -1.0 | 55 | 52 | -4 | W | 5 | o | * | f, f | 57 | 46 | * | 0.63 | - |
| | Biarritz ... | 29.95 | 61 | S | 4 | o | 29.99 | -0.3 | 55 | 52 | 0 | W | 4 | f | 3 | - | 63 | 54 | * | 0.20 | - |
| | Paris ... | 29.78 | 50 | S | 6 | o | 29.78 | -1.5 | 50 | 49 | +2 | SSW | 3 | o | * | - | 55 | 48 | * | 0.04 | - |
| | Belfort ... | 29.95 | 49 | N | 3 | m | 29.90 | -1.8 | 44 | 43 | +2 | W | 1 | f | * | - | 57 | 40 | * | 0.35 | - |
| | Lyons ... | 30.02 | 50 | S | 2 | o | 29.96 | -1.9 | 50 | 48 | +9 | S | 3 | f | * | - | 55 | 41 | * | - | - |
| SPAN. PEN. | Nice ... | 30.11 | 53 | Z | 0 | b | 30.10 | +0.1 | 46 | 45 | -1 | E | 2 | c | 2 | - | 63 | 45 | * | - | - |
| | Perpignan ... | 30.00 | 50 | Z | 0 | c | 29.96 | -1.6 | 48 | 47 | +8 | SW | 1 | o | * | - | 63 | 40 | * | - | - |
| | Corunna ... | 29.88 | 55 | WNW | 6 | f | 30.07 | -? | 54 | 50 | -1 | NW | 1 | bc | 6 | - | 61 | 46 | * | 1.26 | - |
| | Lisbon ... | 30.01 | 60 | SSW | 5 | o | 30.09 | -0.3 | 58 | 55 | 0 | NE | 4 | o | * | - | 64 | 57 | * | 1.65 | - |
| | Azores (P. Delgada) ... | 30.10 | 66 | WSW | 2 | m | 30.03 | +0.3 | 67 | 66 | +2 | SSW | 5 | o | 4 | - | 68 | 64 | * | - | - |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR SUNDAY, 9TH NOVEMBER, 1902.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 →

Force 5 to 7 →

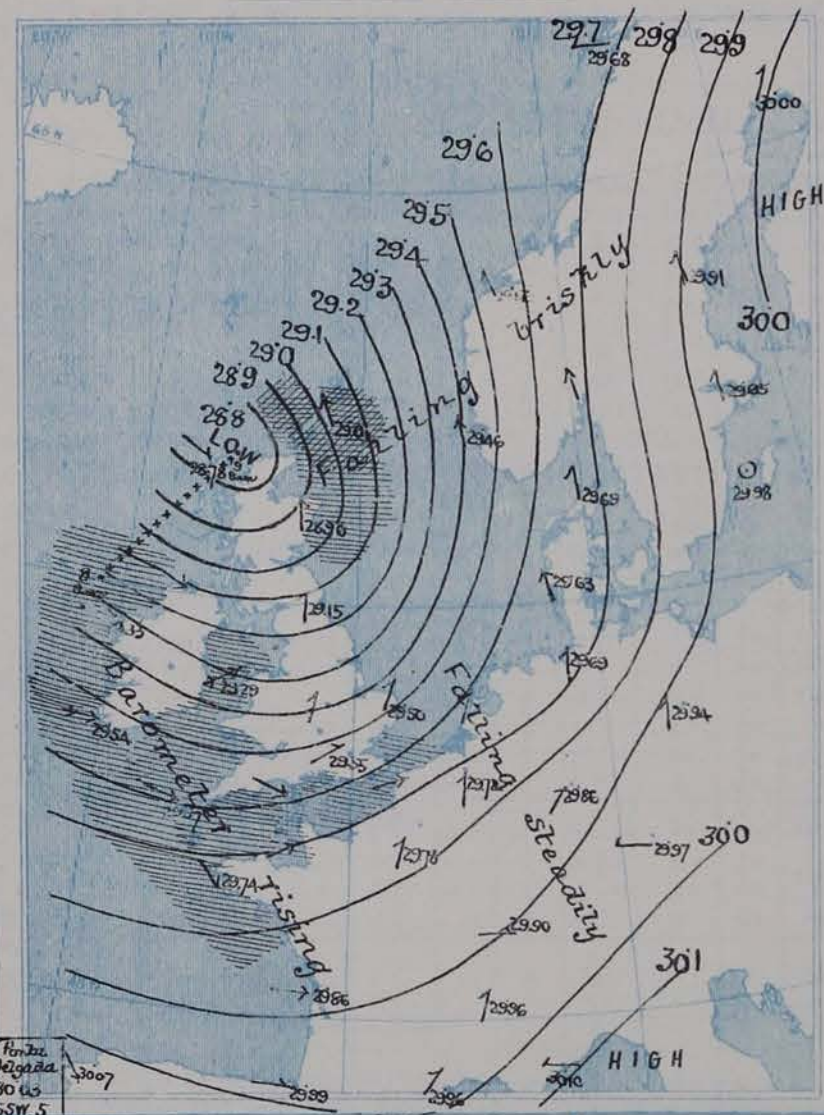
Calm ☉

Force 8 to 10 →

Force 1 to 4 →

SEA.—Rough

High



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

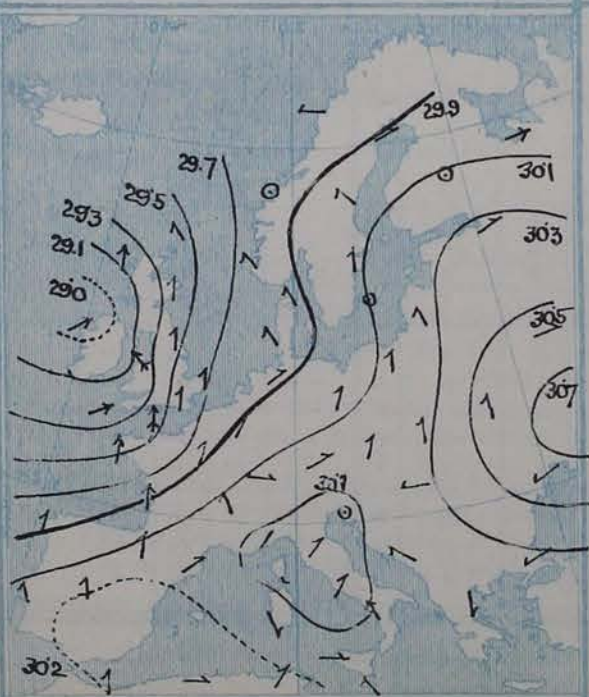
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding one inch is shown thus—0.6.



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen (for Stornaway) $\left\{ \begin{array}{l} \text{Average No of} \\ \text{Hours daily} \\ \text{Total Possible} \end{array} \right\} \begin{array}{l} 1.4 \\ 7.7 \end{array}$



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

NOVEMBER, (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The deep disturbance whose centre lay off the northwest of Ireland yesterday morning has travelled slowly northeastwards and now lies near Cape Wrath, while the secondary systems which were then shown over our western and south-western districts, and which subsequently moved across England, have disappeared. The highest barometric readings have been transferred from Sweden to the Gulf of Genoa where they are about 30.1 ins, while in the northern cyclonic systems they are below 28.8 ins. Gradients are steep throughout our Islands and over the North Sea. Pressure is increasing again in France and the major portion of our Islands, falling in the eastern and northern countries.

WIND

The wind blows strongly or with the force of a slight gale from the W over our western and southern districts, but draws into S and is less strong on our east coasts and beyond the North Sea, and into SE in the Shetlands.

TEMPERATURE

Temperature has changed little over the United Kingdom, but risen at most continental stations. It ranges from 58° at Lisbon and above 50° over most parts of France and on our southern coasts to 41° at Berlin, 33° at Haparanda and to 31° at Munich.

WEATHER

The weather has cleared over the east and south of England, but is still cloudy or overcast in most other regions, with showers or squalls at many of our western and northern stations and steady rain in some parts of France and on the eastern shores of the North Sea. Over Sweden and at Munich fog prevails.

AND

SEA

The sea is high off the Shetlands and rough or rather so on most parts of our coasts.

Gales occurred yesterday on many of our coasts, at first from the South and Southwest in the southwest and south, and afterwards from the Southeast in the east of Scotland, where the force of a whole gale was attained. The highest temperatures recorded over our Islands were 58° at Jersey and 55° at Oxford and at some extreme southern and south-western stations.

Rain was very general both over the United Kingdom, France, the Netherlands and Denmark, the largest amounts being 0.97 in. at Stornoway, 0.64 in. at Pasonstown and 0.63 in. at Rochefort. At Lisbon 1.65 in. is reported to have fallen.

Bright Sunshine was slight except at Stornoway and a few western and south-western stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 10TH NOVEMBER, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

None

issued

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

WARNINGS

None issued.

At 3 pm yesterday to district 1 and part of 0, and at 9.25 am today to district 6, the remainder of 0 and part of 9, "Horst South Cone".

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|-----------|---------|-------|----------|------|----------------|-------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. ° | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | bc | * | c | 53 | 47 | 3.3 | 0.07 |
| Newton Reigny (Penrith) | | | | | | | | | | | | * | | | | | |
| Bath | 29.43 | 47 | NW 4 | o | 29.52 | + 0.08 | 47 | 44 | - 5 | SW 2 | b | * | - | 58 | 42 | 3.5 | 0.31 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 49 | 38 | m, o, f | 0.1 | 0.30 | Worthing | * | * | * | 1.6 | * |
| Birmingham, 9 p.m. ... | 51 | 40 | o | 2.4 | 0.30 | Llandudno | * | * | * | 1.4 | * |
| Lowestoft, up to 6 p.m. ... | * | * | * | * | * | Rhyl | * | * | * | * | * |
| Hastings | * | * | * | * | * | Southport, 9 p.m. ... | 49 | 42 | o, c | 0.0 | 0.33 |
| Eastbourne | * | * | * | * | * | Manchester, 9 p.m. ... | 53 | 43 | bcq | 0.2 | 0.31 |
| Brighton | * | * | * | * | * | Darwen, 9 p.m. ... | | | | | |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. 8. XI. 02 | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. 7. XI. 02 | TEMPERATURE, F. at 1 p.m. | | WEATHER. | RAIN. (measured at 7 a.m.) |
|-----------------------------------|-----------------|-----------|----------|-------|------------------------|------------------------------|---|----------|----------------------------------|
| | Max. ° | Min. ° | | | | ° | ° | | |
| Marseilles | 64 | 41 | c b | — | Geneva | 48 | | o | — |
| Utrecht | 61 | 45 | o bc | 0.08 | Berne | 48 | | o | — |
| Copenhagen | 43 | 37 | bc o | — | Lucerne | 52 | | o | — |
| Prague | 50 | 43 | o m | — | Lausanne | 48 | | o | — |
| Vienna | 48 | 39 | o r | ? | Lugano | 48 | | r | 0.49 |
| Buda-Pesth | 50 | 39 | bc o | — | Locarno | 50 | | r | 0.35 |
| St. Petersburg | 27 | 16 | o o | — | | | | | |
| Rome | 63 | 56 | o r | 2.02 | | | | | |
| Malta | 71 | 65 | ? r | 0.04 | | | | | |
| Madeira (Funchal) <i>not recd</i> | | | | | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 9. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 7.4 | 11.37 | 4.10 |
| Greenwich | 7.9 | 11.44 | 4.19 |
| Wick | 7.49 | 11.56 | 4.3 |
| Valencia | 7.51 | 12.25 | 4.59 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

MONDAY 10TH NOVEMBER

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|-------------------|------------------------|--|-------|--------|---------------------|-------------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|------------------|----------|----------------|----------------|-------------------------|-------------------|------|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall. Ins. | | |
| | | | | Direc. | Force (0 to 12.) | | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | | Ins. | Ins. |
| SCANDINAVIA. | Haparanda ... | 29.87 | 34 | SW | 4 | f | 29.77 | -23 | 35 | 35 | +2 | S | 2 | f | * | - | 36 | 30 | * | 2.0 | |
| | Hernösand ... | 29.85 | 36 | Z | 0 | b | 29.74 | -17 | 41 | 41 | +4 | S | 2 | f. | * | - | 41 | 36 | * | - | |
| | Stockholm ... | 29.92 | 43 | Z | 0 | o | 29.80 | -15 | 44 | 44 | +3 | S | 2 | f | * | - | 45 | 37 | * | 0.04 | |
| | Wisby ... | 29.92 | 46 | S | 4 | c | 29.88 | -10 | 44 | 43 | +2 | Z | 0 | f | * | - | 46 | 36 | * | - | |
| | Karlstad... | 29.74 | 45 | SE | 2 | o | 29.75 | -12 | 44 | 44 | +4 | S | 2 | o | * | r, o, r | * | * | * | 0.24 | |
| | Færder (X'iania Fjord) | 29.63 | 47 | S | 5 | o | 29.64 | -07 | 46 | 46 | +2 | S | 5 | r | 3 | - | 47 | 43 | * | 0.32 | |
| | Bodö ... | 29.62 | 33 | E | 4 | b | 29.43 | -20 | 39 | 37 | +1 | E | 4 | o | 1 | - | 39 | 32 | * | 0.09 | |
| | Christiansund | 29.41 | 47 | SE | 7 | c | 29.25 | -31 | 50 | 43 | +8 | SW | 3 | c | 3 | - | 50 | 41 | * | - | |
| | Skudesnaes | 29.38 | 49 | S | 8 | c | 29.52 | +06 | 48 | 47 | -1 | SSW | 6 | o | 5 | c | 50 | 46 | * | * | |
| | BRITISH ISLANDS. | Sumburgh Head | 28.93 | 45 | SE | 3 | o | 29.31 | +30 | 45 | 44 | -2 | W | 3 | bc | 5 | o | 48 | 43 | * | 0.10 |
| Stornoway ... | | 29.15 | 47 | WNW | 3 | c | 29.45 | +67 | 43 | 41 | -3 | W | 2 | o | 2 | r, p, c | 50 | 40 | 1.5 | 0.14 | |
| Malin Head ... | | 29.39 | 47 | WNW | 8 | cpq | 29.55 | +49 | 45 | 44 | -6 | S | 4 | bc | 4 | cpq | 51 | 44 | * | 0.03 | |
| Blacksod Pt. ... | | 29.57 | 48 | WNW | 5 | cp | 29.53 | +20 | 50 | 49 | -1 | SSW | 5 | cp | 5 | bc, cp | 53 | 46 | * | 0.07 | |
| Valencia... | | 29.74 | 50 | W | 5 | om | 29.63 | +09 | 52 | 50 | 0 | S | 3 | og | 5 | bc, om | 52 | 47 | 3.0 | 0.03 | |
| Roche's Point ... | | 29.72 | 49 | NW | 3 | c | 29.71 | +24 | 52 | 50 | +3 | SSW | 4 | o | 3 | cp, c | 54 | 47 | * | 0.04 | |
| Parsonstown ... | | 29.64 | 46 | SW | 2 | cq | 29.68 | +36 | 44 | 43 | -3 | SE | 1 | c | * | p, cq | 53 | 41 | 4.3 | 0.04 | |
| Donaghadee ... | | 29.44 | 49 | NW | 3 | c | 29.64 | +53 | 41 | 40 | -6 | WSW | 2 | b | 2 | - | 53 | 39 | * | 0.03 | |
| Liverpool Obsy. | | 29.54 | 49 | W | 5 | bc | 29.78 | +47 | 46 | 44 | -2 | WSW | 2 | bc | 4 | p, bc | 51 | 44 | * | 0.07 | |
| Holyhead ... | | 29.54 | 51 | WNW | 7 | cq, p | 29.73 | +44 | 48 | 46 | -1 | SW | 2 | bc | 1 | c, cpq | 52 | 46 | * | 0.04 | |
| GERMANY, &c. | Pembroke (St. Ann's) | 29.67 | 53 | WNW | 6 | c | 29.76 | +32 | 52 | 49 | 0 | SW | 5 | cq | 5 | - | 58 | 47 | 1.8 | 0.31 | |
| | Scilly (St. Mary's)... | 29.78 | 52 | WNW | 6 | cp | 29.78 | +21 | 53 | 49 | +1 | SW | 4 | o | 5 | c, cp | 55 | 47 | 7.2 | 0.04 | |
| | Jersey (St. Aubins)... | 29.87 | 53 | WNW | 5 | bc, r, p, q | 29.97 | +27 | 53 | 49 | +2 | SW | 3 | c | 3 | bc, r, p, q, z | 55 | 46 | 5.0 | 0.27 | |
| | Portland Bill ... | 29.71 | 52 | WNW | 8 | cq | 29.88 | +32 | 52 | 49 | +1 | WSW | 4 | p | 4 | r, q, cq | 54 | 49 | * | 0.11 | |
| | Dungeness ... | 29.65 | 51 | W | 7 | cq | 29.92 | +32 | 50 | 49 | -2 | W | 3 | bc | 2 | bc, cq | 54 | 46 | * | 0.04 | |
| | Wick ... | 29.06 | 45 | NW | 4 | c | 29.44 | +59 | 44 | 41 | -3 | NW | 3 | c | 2 | - | 48 | 40 | * | 0.01 | |
| | Nairn ... | 29.16 | 45 | W | 1 | b | 29.50 | +64 | 42 | 40 | +1 | WSW | 2 | bc | 1 | - | 50 | 39 | * | 0.02 | |
| | Aberdeen ... | 29.19 | 47 | SW | 3 | bc | 29.54 | +58 | 44 | 41 | -3 | SW | 2 | bc | 2 | - | 51 | 41 | 2.9 | - | |
| | Leith ... | 29.25 | 50 | SW | 3 | b | 29.61 | +58 | 45 | 43 | -3 | WSW | 2 | bc | * | - | 54 | 43 | * | 0.06 | |
| | North Shields ... | 29.37 | 50 | SW | 2 | bc | 29.69 | +54 | 45 | 43 | -1 | WSW | 2 | cm | 2 | - | 53 | 45 | * | - | |
| FRANCE. | Spurn Head ... | 29.51 | 49 | SSW | 4 | b | 29.77 | +40 | 44 | 43 | -1 | SSW | 3 | b | 2 | - | 53 | 43 | * | - | |
| | Yarmouth ... | 29.56 | 51 | SW | 4 | bc | 29.82 | +32 | 44 | 40 | -2 | WSW | 3 | bc, m | 3 | b, bc | 52 | 41 | * | - | |
| | Loughborough ... | 29.58 | 49 | SW | 4 | bc | 29.82 | +39 | 45 | 43 | 0 | WSW | 2 | bc | * | cq, bcq | 53 | 44 | * | - | |
| | Oxford ... | 29.73 | 47 | WSW | 4 | b | 29.89 | +37 | 46 | 44 | +1 | SW | 2 | o | * | q, p, b | 53 | 44 | * | - | |
| | London (Brixton) | 29.65 | 48 | WSW | 3 | c | 29.88 | +33 | 45 | 44 | -1 | WSW | 1 | c | * | c, bc | 55 | 43 | 4.2 | - | |
| | The Scaw (Skagen) | 29.68 | 46 | SSW | 3 | m | 29.70 | +01 | 44 | 44 | -2 | SSW | 4 | b | 1 | - | 48 | 43 | * | 0.12 | |
| | Fanø ... | 29.71 | 45 | S | 3 | b | 29.77 | +14 | 48 | 47 | +2 | S | 2 | c | * | - | 48 | 45 | * | 0.04 | |
| | Cuxhaven ... | 29.74 | 49 | S | 3 | c | 29.87 | +18 | 40 | 39 | -8 | S | 3 | b | * | - | 52 | 39 | * | - | |
| | The Helder ... | 29.65 | 50 | SW | 4 | bc | 29.82 | +25 | 51 | 50 | +6 | WSW | 2 | c | 2 | - | 52 | 45 | * | 0.04 | |
| | Brussels... | * | * | * | * | * | 29.99 | +27 | 46 | 45 | -1 | SW | 2 | o | * | - | 53 | 42 | * | - | |
| SPAN. PEN. | Berlin ... | 29.88 | 45 | SSW | 1 | o | 30.00 | +06 | 45 | 44 | +4 | SW | 2 | c | * | - | 50 | 41 | * | - | |
| | Frankfurt ... | 29.93 | 48 | SW | 2 | c | 30.08 | +22 | 40 | 40 | -5 | WSW | 2 | o | * | - | 50 | 37 | * | 0.28 | |
| | Munich ... | 29.98 | 42 | SW | 1 | o | 30.16 | +19 | 42 | 42 | +11 | SW | 3 | c | * | - | 46 | 30 | * | 0.12 | |
| | C. Gris Nez ... | 29.71 | 51 | SW | 6 | o | 29.93 | +29 | 51 | 49 | 0 | SW | 4 | o | 5 | - | 61 | 48 | * | 0.67 | |
| | Brest ... | 29.93 | 53 | NW | 4 | c | 29.93 | +19 | 54 | 51 | +5 | SW | 4 | o | 4 | - | 57 | 49 | * | - | |
| | Lorient ... | 29.95 | 53 | WNW | 5 | c | 29.96 | +16 | 54 | 53 | +2 | SW | 4 | c | 5 | - | 57 | 48 | * | 0.12 | |
| | Rocheport ... | 30.03 | 55 | WNW | 5 | c | 30.04 | +18 | 48 | 47 | -7 | SSE | 3 | bc | * | c | 59 | 46 | * | - | |
| | Biarritz ... | 30.15 | 58 | W | 4 | c | 30.07 | +08 | 45 | 43 | -10 | SE | 3 | b | 5 | - | 57 | 41 | * | 0.28 | |
| | Paris ... | 29.91 | 46 | WSW | 3 | b | 30.07 | +29 | 38 | 38 | -12 | SSW | 3 | b | * | - | 57 | 37 | * | - | |
| | Belfort ... | 29.94 | 44 | WSW | 3 | r | 30.14 | +24 | 42 | 41 | -2 | WSW | 1 | m | * | - | 52 | 41 | * | 0.67 | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Monday, 10th November, 1902.*

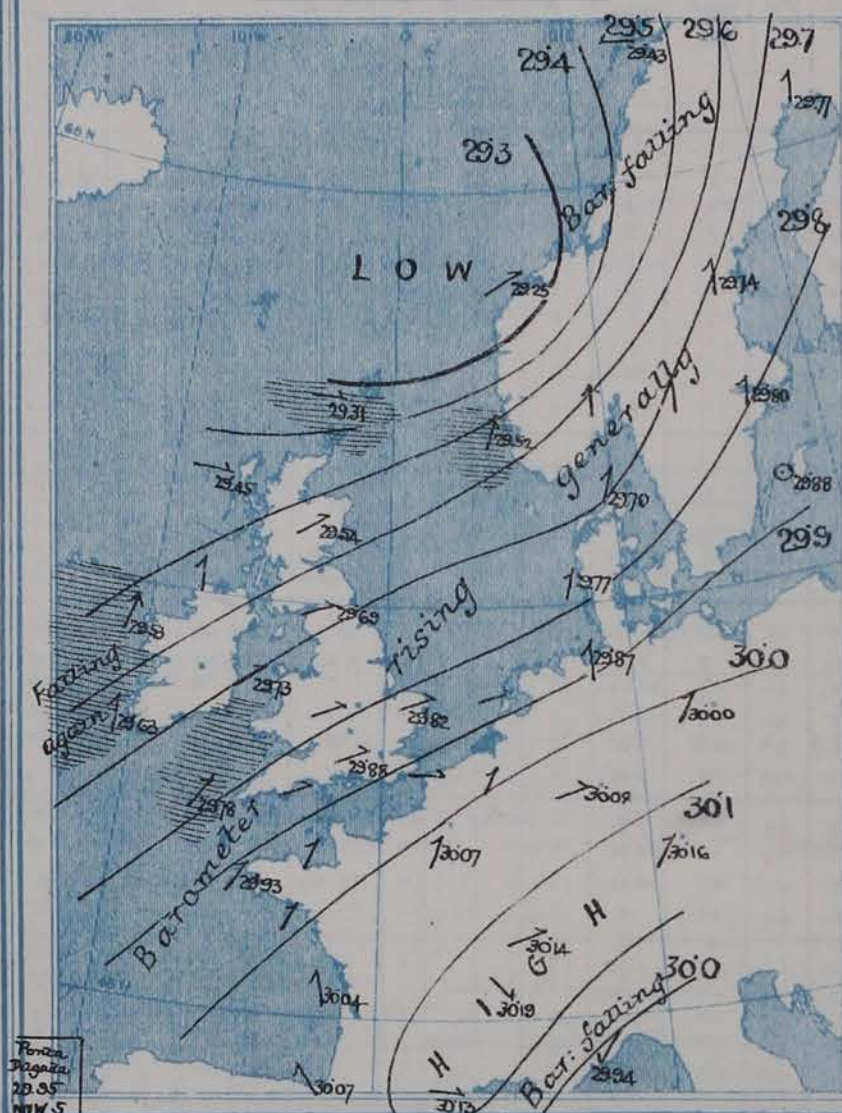
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 \rightarrow : Force 5 to 7 \rightarrow : } Calm \odot
Force 8 to 10 \rightarrow : Force 1 to 4 \rightarrow :

SEA—Rough  High 



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.5



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen {Average No of Hours daily } 1.4
(for Stormorway) {Total Possible } 7.7



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period
NOVEMBER. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The cyclonic system noticed yesterday off the north of Scotland is travelling away to the northward, the lowest pressure, 29.3 ins. and less, being now reported in the west of Norway. In its rear the barometer is rising over Western Europe generally, but on our own extreme west and south-west coasts a fresh fall has set in during the night. The highest readings, 30.1 ins. and upwards are at present found in a large anticyclone lying over South Germany and the east and south of France. Gradients are moderate generally, but rather steep off the west of Norway.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light to fresh breezes from the S^d or S.W^d are reported over Western Europe as a whole, but in the north of Scotland the wind is W^{is} or N.W^{is} while at Bodø it is E^{is}. Temperature has fallen in most of the western countries, but has risen a little on our south-west coasts as well as at many of the Scandinavian and German stations. Over North-western Europe it is still above the average, but in the northern and eastern parts of our Islands the excess is slight; at several of our northern, eastern and central stations the thermometer is below 45°, but on the south coasts of England and Ireland it ranges between 50° and 53°. At Cuxhaven and Frankfurt the reading is only 40°, while at Paris the thermometer stands at 38°. The weather is at present fair or fine over the greater part of our Islands, France and Germany, but is dull in the south of Ireland and showery at Blackhead Point and Portland Bill; rain is falling at some of the Scandinavian stations. The sea is rather rough on our south-west coasts, and also at Skudesnæs, but moderate to smooth elsewhere.

During yesterday the thermometer rose to between 50° and 55° in most parts of the United Kingdom, but reached 58° at Pembroke. The duration of bright sunshine was fairly large for the time of year in the south; at Jersey it amounted to 5.0 hours and at Scilly to 7.2 hours. Rain fell at all but our eastern and central stations; lightning was seen at Jersey last evening.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general conditions remain very unsettled. A new cyclonic system is approaching our western coasts and is likely to spread over the entire Kingdom, so that increasing S^{is} and S.W^{is} winds, and rain, are probable in all districts. The centre of the disturbance will probably move in a north-easterly or north-north-easterly direction.

FORECASTS *

For the 24 hours ending at NOON on 11th November, 1902

DISTRICTS.

FORECASTS.

0 ∇ SCOTLAND
NORTH

1 ∇ SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

S.W^{is} to S^{is} winds, increasing in force;
fair at first, then unsettled and rainy.

S.W^{is} to S^{is} winds, freshening
considerably; fair to-day, some
rain to-night or to-morrow.

DISTRICTS.

FORECASTS.

6 ∇ SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 ∇ IRELAND
NORTH

10 ∇ IRELAND
SOUTH

WARNINGS

S^{is} to S.W^{is} winds, increasing in
force; squally, some rain.

At 10 a.m. to-day to district 10, Hoist
South Cone. The signals are still
flying in districts 0, 1, 6 and part of 9.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|----------------|----------|--------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | bcw | * | b, bc | 53 | 43 | 6.6 | - |
| Newton Reigny (Penrith) | 29.43 | 47 | NE 4 | bc | 29.70 | | 41 | 40 | | SW 1 | b | * | r, c | 49 | 39 | 0.4 | 0.17 |
| Bath | 29.59 | 51 | NE 2 | o | 29.87 | +35 | 44 | 44 | -3 | NE 1 | bc | * | - | 53 | 42 | 0.0 | 0.10 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 49 | 44 | c, r | 0.1 | 0.07 | Worthing | * | * | * | 4.5 | * |
| Birmingham, 9 p.m. ... | 51 | 42 | b | 1.5 | - | Llandudno | * | * | * | 1.4 | * |
| Lowestoft, up to 6 p.m. ... | * | * | * | * | * | Rhyl | * | * | * | 2.8 | * |
| Hastings | * | * | * | 2.5 | * | Southport, 9 p.m. ... | 52 | 45 | op, c | 1.3 | 0.05 |
| Eastbourne | * | * | * | 2.2 | * | Manchester, 9 p.m. ... | | | | | |
| Brighton | * | * | * | 4.3 | * | Darwen, 9 p.m. ... | | | | | |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. at 1 p.m. | | WEATHER. | RAIN. (measured at 7 a.m.) |
|--------------------------|-----------------------|-----------|----------|-------|-----------------|------------------------------|---|----------|----------------------------------|
| | Max. ° | Min. ° | | | | ° | ° | | |
| 9. XI. 02 | | | | | 8. XI. 02 | | | | |
| Marseilles | Information not rec'd | | | Ins. | Geneva | 55 | | bc | - |
| Utrecht | | | | | Berne | 50 | | b | 0.04 |
| Copenhagen | | | | | Lucerne | 55 | | b | - |
| Prague | | | | | Lausanne | 52 | | b | 0.08 |
| Vienna | | | | | Lugano | 54 | | b | 1.07 |
| Buda-Pesth | | | | | Locarno | 55 | | b | 1.46 |
| St. Petersburg | | | | | | | | | |
| Rome | | | | | | | | | |
| Malta | | | | | | | | | |
| Madeira (Funchal) | | | | | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 10. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 7. 6 | 11.37 | 4. 8 |
| Greenwich | 7. 11 | 11.44 | 4. 17 |
| Wick | 7. 57 | 11.56 | 4. 1 |
| Valencia | 7. 53 | 12.25 | 4. 57 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

TUESDAY 11th NOVEMBER.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | | |
|------------------|------------------------|--|--------------|--------|------------------------------------|-------|---|----------|--------------|--------------|------------------------------------|--------|---------------------|------|-------|---------|------------------|----------|-------|------|------------------------|-------------------|
| | | BAROM. | | TEMP. | | WIND. | Force (0 to 12.) | Weather. | BAROMETER. | | TEMPERATURE. | | | | WIND. | | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine Hours | Rainfall. Ins. |
| | | At 32° and M.S.L. | Dry Bulb. | Direc. | Change since Yester- day. | | | | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | Max. | Min. | | | | | | | |
| | | | | | | | | | | | | | | | | Ins. | | | Ins. | ° | | |
| SCANDINAVIA. | Haparanda ... | 29.63 | 36 | WSW | 2 | 0 | 29.60 | -17 | 36 | 35 | +1 | Z | 0 | c | * | - | 37 | 34 | * | 0.08 | | |
| | Hernösand ... | 29.68 | 41 | SW | 4 | bc | 29.84 | +10 | 32 | 30 | -9 | Z | 0 | f | * | - | 41 | 32 | * | - | | |
| | Stockholm ... | 29.92 | 43 | Z | 0 | 0 | 30.01 | +21 | 42 | 42 | -2 | WSW | 2 | 0 | * | - | 45 | 39 | * | 0.08 | | |
| | Wisby ... | 30.00 | 41 | SW | 2 | b | 30.08 | +20 | 44 | 43 | 0 | SW | 2 | c | * | - | 46 | 37 | * | 0.04 | | |
| | Karlstad ... | 29.85 | 45 | SW | 2 | 0 | 30.02 | +27 | 41 | 41 | -3 | SW | 2 | 0 | * | - | * | * | * | - | | |
| | Færder (X'iania Fjord) | 29.78 | 46 | SSE | 4 | 0 | 29.99 | +35 | 42 | 40 | -4 | WSW | 2 | b | 2 | - | 46 | 41 | * | - | | |
| | Bodö ... | 29.37 | 41 | ESE | 2 | 0 | 29.62 | +19 | 42 | 40 | +3 | SW | 6 | f | 3 | - | 45 | 37 | * | 0.28 | | |
| | Christiansund ... | 29.55 | 46 | SW | 6 | f | 29.92 | +67 | 44 | 42 | -6 | WSW | 4 | c | 5 | - | 50 | 43 | * | 0.66 | | |
| BRITISH ISLANDS. | Skudesnaes ... | 29.81 | 46 | SW | 2 | m | 30.02 | +50 | 44 | 44 | -4 | SSE | 4 | 0 | 3 | c,m | 48 | 41 | * | * | | |
| | Sumburgh Head ... | 29.60 | 47 | W | 1 | c | 29.75 | +44 | 47 | 47 | +2 | S | 3 | 0 | 4 | b,c | 48 | 44 | * | 0.04 | | |
| | Stornoway ... | 29.52 | 50 | SW | 4 | c | 29.56 | +11 | 50 | 48 | +7 | SSE | 2 | bc | 2 | c | 53 | 41 | 2.2 | 0.01 | | |
| | Malin Head ... | 29.53 | 50 | S | 5 | bcq | 29.36 | -19 | 48 | 47 | +3 | S | 7 | tg | 5 | bc,bcq | 50 | 44 | * | 0.03 | | |
| | Blacksod Pt. ... | 29.46 | 53 | S | 6 | cp | 29.23 | -30 | 51 | 50 | +1 | SE | 5 | tm | 4 | o,cp | 54 | 50 | * | 0.39 | | |
| | Valencia... .. | 29.45 | 53 | SSE | 5 | cg | 29.26 | -37 | 52 | 50 | 0 | WNW | 3 | op | 5 | o,og,t | 54 | 50 | 0.0 | 1.46 | | |
| | Roche's Point ... | 29.58 | 54 | S | 4 | opq | 29.23 | -48 | 54 | 54 | +2 | S | 6 | omr | 4 | o,opq | 54 | 51 | * | 0.60 | | |
| | Parsonstown ... | 29.59 | 50 | SE | 3 | 0 | 29.29 | -39 | 51 | 49 | +7 | SE | 6 | og | * | o,t | 53 | 43 | 0.8 | 0.22 | | |
| GERMANY, &c. | Donaghadee ... | 29.67 | 50 | SW | 2 | c | 29.55 | -09 | 51 | 49 | +10 | S | 7 | ot | 5 | - | 53 | 41 | * | 0.01 | | |
| | Liverpool Obsy. ... | 29.81 | 47 | SSE | 2 | p | 29.62 | -16 | 47 | 45 | +1 | SE | 5 | o | 3 | b,p | 52 | 45 | * | 0.01 | | |
| | Holyhead ... | 29.75 | 51 | S | 3 | opm | 29.52 | -21 | 49 | 49 | +1 | ESE | 2 | od | 1 | o,opm | 54 | 46 | * | 0.05 | | |
| | Pembroke (St. Ann's) | 29.70 | 53 | S | 5 | c | 29.40 | -36 | 50 | 49 | -2 | SE | 7 | tg | 6 | c,tq | 54 | 50 | 0.0 | 0.15 | | |
| | Scilly (St. Mary's)... | 29.64 | 53 | S | 5 | c | 29.29 | -49 | 55 | 55 | +2 | SSE | 8 | + | 6 | c | 56 | 49 | 1.2 | 0.24 | | |
| | Jersey (St. Aubins)... | 29.90 | 53 | SSE | 5 | cg | 29.62 | -35 | 52 | 47 | -1 | ESE | 7 | op | 5 | o,cg | 55 | 50 | 0.0 | 0.02 | | |
| | Portland Bill ... | 29.85 | 52 | SSW | 4 | cp | 29.58 | -30 | 52 | 48 | 0 | SE | 6 | cg | 5 | c,cp | 55 | 49 | * | 0.20 | | |
| | Dungeness ... | 29.96 | 53 | SW | 4 | c | 29.80 | -12 | 49 | 48 | -1 | SSE | 5 | c | 3 | o,c | 56 | 46 | * | 0.02 | | |
| FRANCE. | Wick ... | 29.61 | 49 | S | 2 | bc | 29.65 | +21 | 48 | 46 | +4 | S | 4 | bc | 2 | - | 51 | 41 | * | - | | |
| | Nairn ... | 29.63 | 45 | SW | 1 | b | 29.65 | +15 | 45 | 43 | +3 | E | 2 | b | 1 | - | 52 | 40 | * | - | | |
| | Aberdeen ... | 29.71 | 45 | SSW | 2 | b | 29.74 | +20 | 48 | 47 | +4 | SSE | 4 | cg | 4 | b | 52 | 42 | 6.5 | - | | |
| | Leith ... | 29.70 | 47 | SE | 1 | c | 29.68 | +07 | 42 | 41 | -3 | SSE | 1 | bc | * | - | 54 | 40 | * | - | | |
| | North Shields ... | 29.77 | 48 | S | 2 | bc | 29.76 | +07 | 47 | 46 | +2 | SE | 2 | cmr | 2 | b,bc | 54 | 44 | * | - | | |
| | Spurn Head ... | 29.87 | 47 | S | 4 | b | 29.79 | +02 | 49 | 48 | +5 | SE | 5 | c | 3 | - | 54 | 43 | * | - | | |
| | Yarmouth ... | 29.89 | 50 | SSW | 2 | bc | 29.84 | +02 | 50 | 47 | +6 | SSE | 5 | cg | 4 | bc | 51 | 42 | * | - | | |
| | Loughborough ... | 29.87 | 47 | SE | F | 0 | 29.75 | -07 | 45 | 44 | 0 | SE | 3 | cmr | 2 | c,o,cmr | 52 | 43 | * | - | | |
| SPAN. PEN. | Oxford ... | 29.88 | 47 | SE | 2 | b | 29.71 | -18 | 47 | 45 | +1 | SE | 3 | o | * | o,t,b | 52 | 45 | * | - | | |
| | London (Brixton) | 29.90 | 50 | SW | 2 | op | 29.75 | -13 | 45 | 44 | 0 | ESE | 2 | b | * | o,t,bm | 54 | 43 | 0.0 | 0.01 | | |
| | The Scaw (Skagen) | 29.88 | 44 | WSW | 3 | bc | 30.04 | +34 | 40 | 40 | -4 | ?SW | 5 | f | 0 | - | 48 | 37 | * | 0.04 | | |
| | Fanö ... | 30.00 | 46 | Z | 0 | b | 30.09 | +32 | 42 | 42 | -6 | SSE | 1 | f | * | - | 48 | 41 | * | 0.28 | | |
| | Cuxhaven ... | 30.01 | 46 | SW | 1 | 0 | 30.11 | +24 | 39 | 39 | -1 | S | 1 | b | * | - | 46 | 39 | * | - | | |
| | The Helder ... | 29.95 | 49 | SSW | 1 | b | 29.97 | +15 | 44 | 43 | -7 | SE | 1 | bc | 1 | - | 54 | 39 | * | 0.08 | | |
| | Brussels... | * | * | * | * | * | 29.94 | -05 | 43 | 41 | -3 | ESE | 2 | c | * | - | 53 | 42 | * | - | | |
| | Berlin ... | 30.12 | 46 | S | 1 | b | 30.19 | +19 | 38 | 37 | -7 | SE | 1 | b | * | - | 50 | 37 | * | - | | |
| SPAN. PEN. | Frankfurt ... | 30.14 | 46 | SW | 2 | c | 30.10 | +02 | 40 | 39 | 0 | ENE | 1 | bc | * | - | 48 | 39 | * | - | | |
| | Munich ... | 30.17 | 37 | E | 3 | b | 30.10 | -06 | 39 | 39 | -3 | E | 4 | o | * | - | 48 | 36 | * | - | | |
| | C. Gris Nez ... | 29.95 | 50 | SSW | 4 | 0 | 29.84 | -09 | 42 | 42 | -9 | E | 3 | o | 2 | - | 57 | 39 | * | - | | |
| | Brest ... | 29.77 | 54 | SSE | 3 | 0 | 29.43 | -50 | 56 | 56 | +2 | SE | 5 | + | 5 | - | 56 | 54 | * | 0.28 | | |
| | Lorient ... | 29.79 | 55 | SW | 4 | 0 | 29.52 | -14 | 55 | 55 | +1 | SE | 5 | + | 5 | - | 57 | 52 | * | 0.24 | | |
| | Rochefort ... | 29.92 | 49 | ESE | 3 | 0 | 29.69 | -35 | 50 | 48 | +2 | SSE | 6 | bc | * | bc,o | 57 | 45 | * | - | | |
| | Biarritz ... | 29.91 | 60 | S | 1 | 0 | 29.71 | -36 | 66 | 57 | +21 | S | 3 | c | 2 | - | 66 | 45 | * | - | | |
| | Paris ... | 30.05 | 47 | SSE | 2 | bc | 29.86 | -21 | 40 | 39 | +2 | SE | 3 | c | * | - | 53 | 38 | * | - | | |
| SPAN. PEN. | Belfort ... | 30.06 | 42 | ENE | 3 | m | 30.01 | -13 | 38 | 36 | -4 | ENE | 3 | m | * | - | ? | 36 | * | - | | |
| | Lyons ... | 30.11 | 44 | NE | 1 | b | 29.98 | -21 | 47 | 42 | +8 | S | 2 | bc | * | - | 51 | 36 | * | - | | |
| | Nice ... | 30.06 | 52 | Z | 0 | c | 30.12 | +18 | 48 | 44 | +1 | ENE | 1 | bc | 2 | - | 61 | 45 | * | - | | |
| | Perpignan ... | 30.00 | 50 | Z | 0 | b | 29.91 | -22 | 43 | 43 | +2 | NW | 1 | b | * | - | 59 | 41 | * | - | | |
| SPAN. PEN. | Corunna ... | | | | | | | | | | | | | | | | | | * | * | | |
| | Lisbon ... | | | | | | | | | | | | | | | | | | * | * | | |
| | Azores (P. Delgada) | | | | | | | | | | | | | | | | | | * | * | | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR **TUESDAY, 11th NOVEMBER, 1902.**

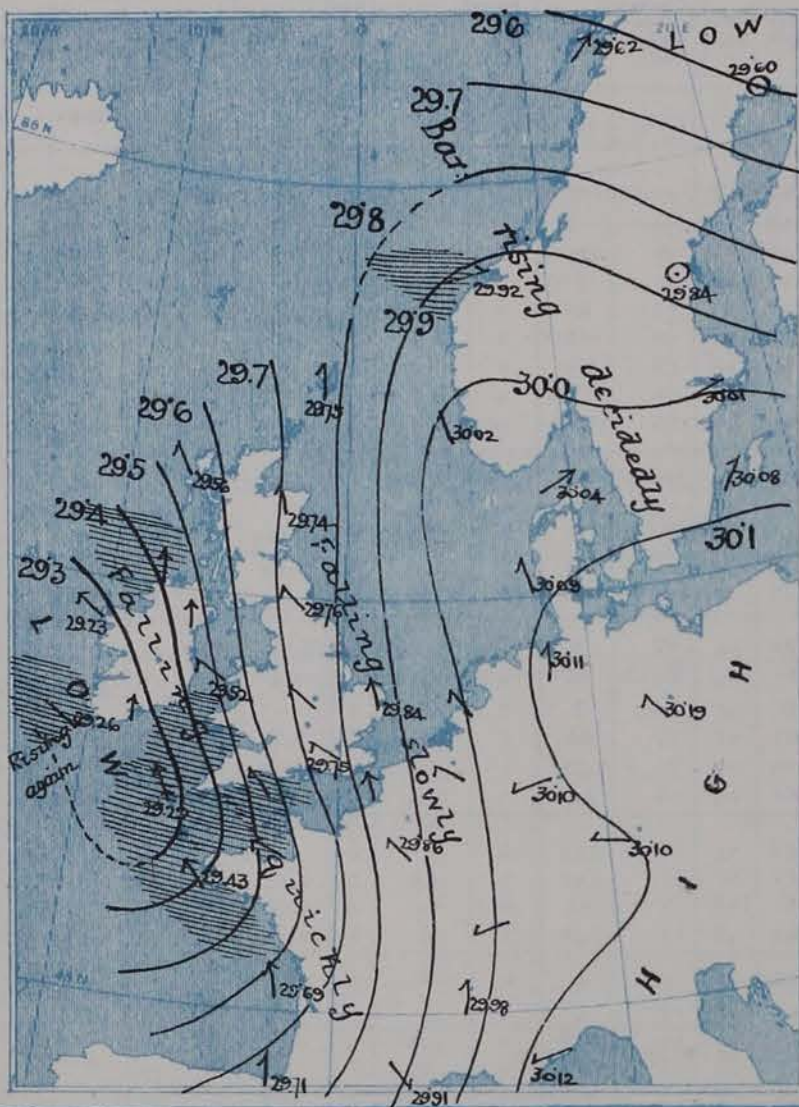
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → → → Force 5 to 7 → → → } Calm ⊙
Force 8 to 10 → → → Force 1 to 4 → → →

SEA.—Rough High

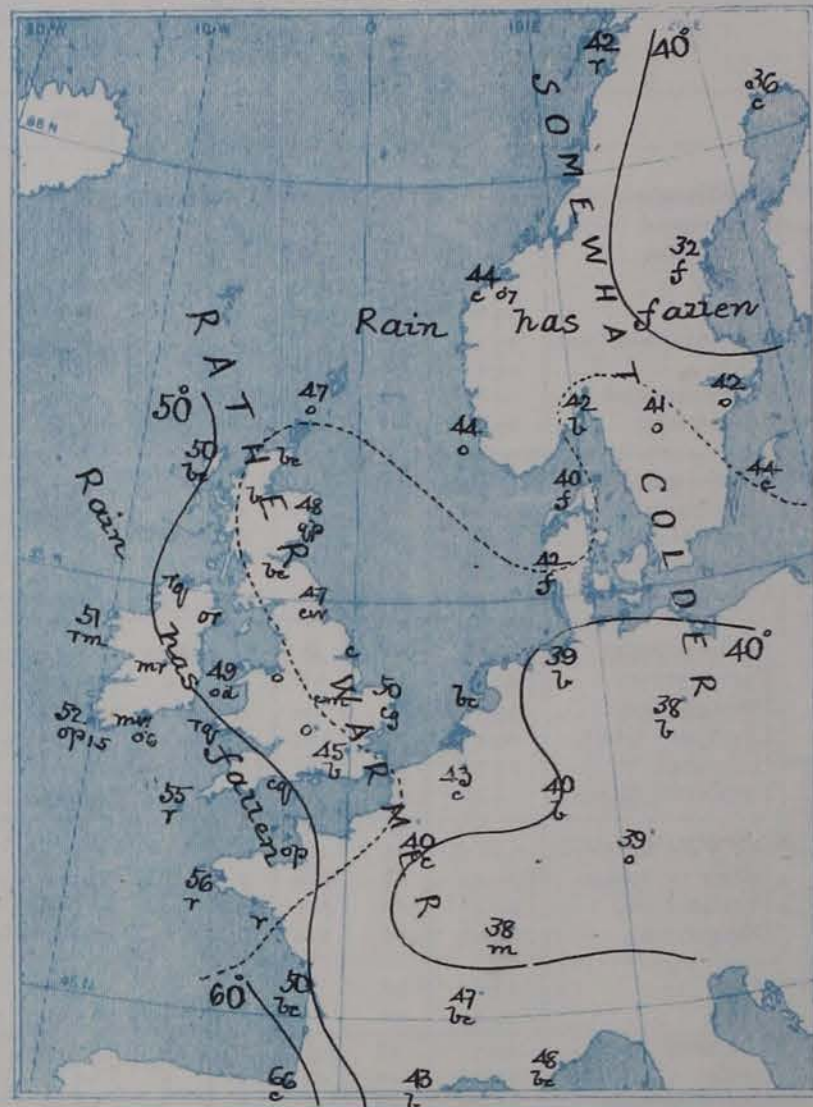


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—(0.6)



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen { Average No of } 1.4
(for Stornoway) { Hours daily }
Total Possible 7.7



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period
NOVEMBER. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A cyclonic disturbance of considerable size and depth has spread over the greater part of the United Kingdom and France, the centre of the system being at present situated over the south of Ireland, where the barometer has fallen nearly as low as 29½ in. Over Western Europe as a whole the mercury is still falling quickly in the south-western parts of Great Britain and the west of France, but at Valencia (Ireland) it is beginning to rise again. The highest pressures, 30.1 in. and upwards are found over Germany and the Baltic, and in Scandinavia, Denmark and North Germany the barometer is rising steadily.

WIND

TEMPERATURE

WEATHER

AND

SEA

Under the influence of the south-western disturbance the wind has shifted to the S.E. or S. over nearly the whole of Western Europe, and on most parts of our own west and south-west coasts it is strong to a gale in force; at Valencia, however, it has veered to the N.W. Over the greater part of Scandinavia the wind is S.W. but in the Gulf of Bothnia it is calm. Temperature has risen in most parts of the United Kingdom and France, the morning readings being above 50° on our west and south-west coasts and above 55° in the west of France; at Biarritz the thermometer stands at 66°. Over Scandinavia, Denmark, Germany and the Netherlands the thermometer has fallen, and in most parts of Sweden and Germany the readings are below 40°. The weather is dull and rainy in the western parts of these Islands generally, and also in the north-west of France, but is at present fair in most other parts of our area; fog is, however, reported at some of the Swedish and Danish stations. The sea is rough or rather so on our west and south-west coasts and off the north-west of France, as well as at Christiansund.

During yesterday the thermometer rose to between 50° and 55° in most parts of the United Kingdom, and to 56° at Scilly and Dungeness. The duration of bright sunshine was, as a rule, very small, but amounted to 4.5 hr. at Harrogate and to 6.5 hr. at Aberdeen. Rain has fallen at most of our western and southern stations - heavily in the south of Ireland; solar and lunar halos were seen yesterday at some of the English stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance is apparently spreading south-eastwards and the rough wet weather now prevailing in the west is likely to extend over the greater part of England. The wind will probably back a little more to the E. in most districts, with a decrease in temperature over Great Britain.

FORECASTS *

For the 24 hours ending at NOON on 12th November, 1902

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------------|---|-----------------------------|--|
| 0 { SCOTLAND NORTH | S ³ and S.E ³ winds, freshening; changeable, some showers. Colder. | 6 { SCOTLAND WEST | S ³ to S.E ³ winds, strong; squally and rainy at first, some improvement later. |
| 1 { SCOTLAND EAST | | 7 ∇ { ENGLAND N.W. | S.E ³ winds, strong to a gale at first, but moderating later; unsettled, rain at times |
| 2 ∇ { ENGLAND N.E. | S.E ³ winds, increasing in force, a gale on coast; fair at first, some rain later. Colder. | 8 ∇ { ENGLAND S.W. | |
| 3 ∇ { ENGLAND EAST | | 9 ∇ { IRELAND NORTH | Same as No. 6. |
| 4 { MIDLAND COUNTIES | | 10 ∇ { IRELAND SOUTH | Variable or light N.W ³ breezes; changeable, showery. |
| 5 ∇ { ENGLAND SOUTH | | | (At 7.15 p.m. yesterday to districts 7, 8 and parts of 5 and 9, and at 9.45 a.m. to-day to districts 2, 3 and the remainder of 5, Hoist South Cone. The signals are also flying in district 10.) |
| | | WARNINGS | |

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|------|----------------|--------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | b | * | c, d | 51 | 47 | 1.8 | - |
| Newton Reigny (Penrith) | 29.75 | 47 | 2 | c | 29.67 | -0.3 | 44 | 42 | +3 | SE 3 | 0 | * | c, b, o | 51 | 41 | 4.0 | - |
| Bath | 29.85 | 49 | NE 1 | 0 | 29.63 | -2.4 | 48 | 46 | +4 | E 3 | c | * | - | 53 | 45 | 0.0 | 0.03 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. |
|-----------------------------|--------------|------|----------|-----------|-----------|------------------------|--------------|------|------------|-----------|-----------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 51 | 41 | m, c | 4.5 | 0.09 | Worthing | * | * | * | 1.3 | * |
| Birmingham, 9 p.m. ... | 49 | 41 | 0 | 0.3 | - | Llandudno | * | * | * | 2.0 | * |
| Lowestoft, up to 6 p.m. ... | 52 | 41 | 0 | 3.1 | - | Rhyl | * | * | * | 0.1 | * |
| Hastings | * | * | * | 1.5 | * | Southport, 9 p.m. ... | 54 | 44 | p, o, c, o | 1.3 | 0.07 |
| Eastbourne | * | * | * | 1.7 | * | Manchester, 9 p.m. ... | 56 | 39 | c, b | 2.5 | 0.05 |
| Brighton | * | * | * | 0.8 | * | Darwen, 9 p.m. ... | 49 | 41 | c, m | 0.5 | 0.18 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. 10 th NOVEMBER | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. 9 th NOVEMBER | TEMPERATURE, F. at 1 p.m. | | WEATHER. | RAIN. (measured at 7 a.m.) |
|--|-----------------|------|----------|-------|---------------------------------------|------------------------------|--|--------------|----------------------------------|
| | Max. | Min. | | | | | | | |
| Marseilles | 64 | 45 | o, b | 0.32 | Geneva | INFORMATION | | NOT RECEIVED | Ins. |
| Utrecht | | NOT | RECEIVED | | Berne | | | | |
| Copenhagen | 46 | 43 | m, f | 0.12 | Lucerne | | | | |
| Prague | 63 | 43 | o, f | 0.08 | Lausanne | | | | |
| Vienna | 48 | 39 | o, f | - | Lugano | | | | |
| Buda-Pesth | 52 | 41 | b, o | - | Locarno | | | | |
| St. Petersburg | 39 | 23 | o, o | - | | | | | |
| Rome | 60 | 48 | b, o | - | | | | | |
| Malta | 66 | 58 | b | - | | | | | |
| Madeira (Funchal) | | NOT | RECEIVED | | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. | 11 th Nov., 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|---|--|--------------------------------------|--|--------------------------------------|------------------------------|-------------------|----------------|------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. | Yarmouth | h. m. | h. m. | h. m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. | Greenwich | 7.12 | 11.44 | 4.16 |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. | Wick | 7.53 | 11.56 | 3.59 |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. | Valencia | 7.55 | 12.25 | 4.55 |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | | | | | |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 12th November 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------|---------------------------|--|--------|---------------------|---------------------|----------|---|------------------------------------|--------------|--------------|------------------------------------|---------------------|---------------------|------------------|------------------|----------|----------------|-------|-------------------------|-------------------|---------------------------|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | TEMPERATURE. | | | WIND. | | Weather. | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine. Hours | Rainfall. Ins. | |
| | | | | Dirac. | Force (0 to 12.) | | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | Force (0 to 12.) | | | | Max. | Min. | | | |
| | | | | | | | | | | | | | | | | | | | | | At 32° and M. S. L. |
| Ins. | | Dry Bulb. | Dirac. | Force (0 to 12.) | Weather. | Ins. | Ins. | ° | ° | ° | Dirac. | Force (0 to 12.) | Weather. | Sea (0 to 9.) | Weather. | Max. | Min. | Hours | Ins. | | |
| SCANDINAVIA. | Haparanda ... | 29.84 | 30 | W | 2 | b | 30.15 | +55 | 30 | 29 | -6 | SW | 2 | b | * | - | 37 | 30 | * | - | |
| | Hernösand ... | 30.14 | 36 | Z | 0 | b | 30.28 | +44 | 29 | 27 | -3 | Z | 0 | b | * | - | 45 | 29 | * | - | |
| | Stockholm ... | 30.27 | 38 | Z | 0 | b | 30.35 | +34 | 37 | 36 | -5 | Z | 0 | f | * | - | 46 | 37 | * | - | |
| | Wisby ... | 30.25 | 41 | Z | 0 | b | 30.38 | +30 | 37 | 36 | -7 | Z | 0 | b | * | - | 46 | 37 | * | - | |
| | Karlstad ... | 30.25 | 38 | NW | 2 | o | 30.34 | +32 | 35 | 34 | -6 | WNW | 2 | f | * | - | * | * | * | - | |
| | Færder (X'ania Fjord) ... | 30.21 | 39 | NNE | 2 | f | 30.28 | +29 | 43 | 42 | +1 | SE | 4 | o | 2 | - | 43 | 37 | * | - | |
| | Bodö ... | 29.97 | 42 | SSW | 4 | o | 30.05 | +43 | 43 | 41 | +1 | SW | 4 | o | 2 | - | 43 | 37 | * | 0.08 | |
| | Christiansund ... | 30.06 | 45 | SW | 1 | b | 30.00 | +08 | 43 | 39 | -1 | E | 4 | c | 4 | - | 48 | 43 | * | - | |
| Skudesnaes ... | 30.07 | 46 | SE | 2 | b | 29.96 | -06 | 48 | 44 | +4 | SSE | 8 | o | 4 | m.b | 48 | 43 | * | * | | |
| BRITISH ISLANDS. | Sumburgh Head ... | 29.74 | 47 | SE | 4 | o | 29.43 | -35 | 48 | 48 | +1 | SE | 5 | + | 7 | c.o | 49 | 47 | * | 0.29 | |
| | Stornoway ... | 29.45 | 48 | SE | 5 | tu | 29.29 | -27 | 49 | 47 | -1 | SW | 5 | o | 5 | d.tu | 53 | 41 | 0.0 | 0.27 | |
| | Malin Head ... | 29.23 | 47 | SE | 7 | tg | 29.40 | +04 | 48 | 48 | 0 | SSW | 7 | tg | 5 | t.tg | 48 | 45 | * | 0.31 | |
| | Blacksod Pt. ... | 29.22 | 50 | W | 5 | opm | 29.57 | +34 | 50 | 45 | -1 | W | 7 | bc | 6 | c.opm | 53 | 47 | * | 0.45 | |
| | Valencia ... | 29.45 | 51 | W | 5 | c | 29.76 | +50 | 48 | 45 | -4 | SW | 3 | bc | 5 | c.p | 53 | 47 | 3.5 | 0.08 | |
| | Roche's Point ... | 29.41 | 50 | W | 4 | b | 29.78 | +55 | 46 | 45 | -8 | W | 3 | b | 2 | c.b | 55 | 43 | * | 0.02 | |
| | Parsonstown ... | 29.34 | 46 | SW | 1 | b | 29.71 | +42 | 44 | 43 | -7 | SW | 2 | b | * | o.t.b | 55 | 41 | 0.3 | 0.22 | |
| | Donaghadee ... | 29.35 | 50 | S | 7 | + | 29.59 | +04 | 45 | 44 | -6 | WSW | 3 | bc | 3 | - | 54 | 43 | * | 0.95 | |
| Liverpool Obsy. ... | 29.46 | 47 | SE | 6 | op | 29.80 | +18 | 46 | 43 | -1 | SW | 2 | b | 2 | op | 50 | 46 | * | 0.09 | | |
| Holyhead ... | 29.35 | 52 | SE | 7 | og | 29.76 | +24 | 50 | 47 | +1 | SW | 6 | bc | 4 | t.og | 52 | 47 | * | 0.24 | | |
| Pembroke (St. Ann's) ... | 29.41 | 53 | SW | 5 | c | 29.83 | +43 | 53 | 48 | +3 | SW | 5 | bg | 4 | t.c | 54 | 47 | 0.0 | 0.53 | | |
| GERMANY, &c. | Scilly (St. Mary's) ... | 29.49 | 54 | W | 4 | c | 29.83 | +54 | 52 | 49 | -3 | W | 4 | bc | 5 | o.c | 56 | 48 | 1.0 | 0.21 | |
| | Jersey (St. Aubins) ... | 29.56 | 56 | SSE | 5 | og | 29.96 | +34 | 53 | 50 | +1 | WNW | 2 | om | 2 | t.og | 57 | 50 | 0.0 | 0.35 | |
| | Portland Bill ... | 29.52 | 53 | S | 6 | og | 29.91 | +33 | 53 | 49 | +1 | WNW | 5 | c | 4 | t.og | 56 | 48 | * | 0.31 | |
| | Dungeness ... | 29.69 | 53 | S | 6 | + | 29.88 | +08 | 55 | 54 | +6 | WSW | 3 | o | 1 | c.t | 57 | 48 | * | 0.02 | |
| | Wick ... | 29.57 | 49 | S | 7 | o | 29.36 | -29 | 48 | 46 | 0 | S | 4 | bc | 4 | - | 50 | 47 | * | 0.20 | |
| | Nairn ... | 29.50 | 51 | SSE | 5 | c | 29.38 | -27 | 48 | 44 | +3 | SW | 1 | b | 1 | - | 52 | 43 | * | 0.02 | |
| | Aberdeen ... | 29.61 | 49 | SE | 6 | ogq | 29.50 | -24 | 46 | 43 | -2 | SSW | 3 | bc | 5 | c.ogq.t | 51 | 46 | 0.0 | 0.35 | |
| | Leith ... | 29.51 | 47 | ESE | 2 | o | 29.56 | -12 | 48 | 44 | +6 | SSW | 3 | b | * | - | 52 | 41 | * | 0.04 | |
| North Shields ... | 29.57 | 49 | S | 4 | + | 29.69 | -07 | 49 | 47 | +2 | SSW | 2 | o | 2 | o.t | 51 | 46 | * | 0.08 | | |
| FRANCE. | Spurn Head ... | 29.60 | 50 | SE | 7 | c | 29.79 | 00 | 50 | 50 | +1 | SSW | 3 | c | 3 | c.p | 53 | 48 | * | 0.17 | |
| | Yarmouth ... | 29.69 | 52 | SE | 7 | bc | 29.83 | -01 | 54 | 53 | +4 | SW | 3 | bcf | 4 | c.bcf | 54 | 48 | * | - | |
| | Loughborough ... | 29.59 | 46 | ESE | 4 | + | 29.83 | +08 | 49 | 47 | +4 | WSW | 3 | cm | * | c.ot.d.c | 52 | 44 | * | 0.20 | |
| | Oxford ... | 29.58 | 51 | SSE | 2 | dp | 29.90 | +19 | 49 | 48 | +2 | SSW | 1 | o | * | od | 53 | 46 | * | 0.02 | |
| | London (Brixton) ... | 29.63 | 51 | SW | 3 | od | 29.88 | +13 | 51 | 50 | +6 | WSW | 1 | o | * | ogd | 55 | 44 | 0.0 | 0.02 | |
| | The Scaw (Skagen) ... | 30.21 | 43 | S | 1 | m | 30.24 | +20 | 46 | 45 | +6 | SSE | 3 | m | 1 | - | 46 | 40 | * | - | |
| | Fanö ... | 30.11 | 43 | ESE | 6 | o | 30.08 | -01 | 44 | 43 | +2 | ESE | 6 | o | * | - | 46 | 42 | * | - | |
| | Cuxhaven ... | 30.08 | 44 | E | 3 | b | 30.08 | -03 | 40 | 39 | +1 | SE | 4 | o | * | - | 46 | 39 | * | - | |
| The Helder ... | 29.84 | 48 | SE | 4 | o | 29.88 | -09 | 47 | 45 | +3 | SSE | 2 | o | 1 | - | 50 | 43 | * | - | | |
| SPAN. PEN. | Brussels ... | * | * | * | * | * | 29.96 | +02 | 51 | 48 | +8 | SSE | 3 | o | * | - | 54 | 42 | * | - | |
| | Berlin ... | 30.17 | 42 | SE | 2 | b | 30.26 | +07 | 38 | 38 | 0 | ESE | 3 | o | * | - | 48 | 36 | * | - | |
| | Frankfurt ... | 30.08 | 41 | E | 2 | b | 30.14 | +04 | 38 | 37 | -2 | E | 1 | b | * | - | 46 | 36 | * | - | |
| | Munich ... | 30.08 | 33 | Z | 0 | f | 30.17 | +07 | 33 | 33 | -6 | E | 2 | f | * | - | 46 | 32 | * | 0.04 | |
| | C. Gris Nez ... | 29.71 | 49 | SSE | 4 | o | 29.90 | +06 | 53 | 53 | +11 | SSW | 4 | f | 0 | - | 53 | 42 | * | - | |
| | Brest ... | 29.57 | 55 | WNW | 3 | o | 29.94 | +51 | 53 | 51 | -3 | NW | 2 | bc | 3 | - | 57 | 52 | * | 0.47 | |
| | Lorient ... | 29.58 | 54 | W | 4 | f | 29.95 | +43 | 52 | 52 | -3 | N | 3 | c | 3 | - | 61 | 50 | * | 0.55 | |
| | Rochefort ... | 29.67 | 58 | SSE | 3 | o | 29.90 | +21 | 54 | 54 | +4 | Z | 3 | o | * | o | 59 | 45 | * | 0.16 | |
| Biarritz ... | 29.67 | 69 | SE | 2 | c | 29.93 | +22 | 55 | 55 | -11 | S | 3 | + | 2 | - | 72 | 52 | * | 0.32 | | |
| SPAN. PEN. | Paris ... | 29.76 | 57 | SE | 3 | o | 29.95 | +09 | 49 | 47 | +9 | SSE | 3 | o | * | - | 59 | 40 | * | - | |
| | Belfort ... | 29.98 | 43 | ENE | 6 | m | 30.11 | +10 | 36 | 35 | -2 | ENE | 3 | m | * | - | 51 | 35 | * | - | |
| | Lyons ... | 29.96 | 54 | S | 5 | c | 30.07 | +09 | 50 | 46 | +3 | S | 1 | b | * | - | 58 | 47 | * | - | |
| | Nice ... | 29.83 | 61 | S | 4 | bc | 29.99 | +08 | 57 | 54 | +14 | S | 4 | bc | * | - | 69 | 43 | * | - | |
| | Perpignan ... | 29.83 | 61 | S | 4 | bc | 29.99 | +08 | 57 | 54 | +14 | S | 4 | bc | * | - | 69 | 43 | * | - | |
| SPAN. PEN. | Corunna ... | 29.85 | 53 | WNW | 4 | + | 29.94 | +20 | 52 | 49 | -7 | NNW | 2 | bc | * | - | 61 | 50 | * | 0.04 | |
| | Lisbon ... | 30.31 | 59 | N | 2 | o | 30.29 | +03 | 61 | 55 | +4 | W | 2 | o | 2 | - | 64 | 57 | * | - | |
| | Azores (P. Delgada) ... | 30.31 | 59 | N | 2 | o | 30.29 | +03 | 61 | 55 | +4 | W | 2 | o | 2 | - | 64 | 57 | * | - | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR WEDNESDAY, 12TH NOVEMBER, 1902.

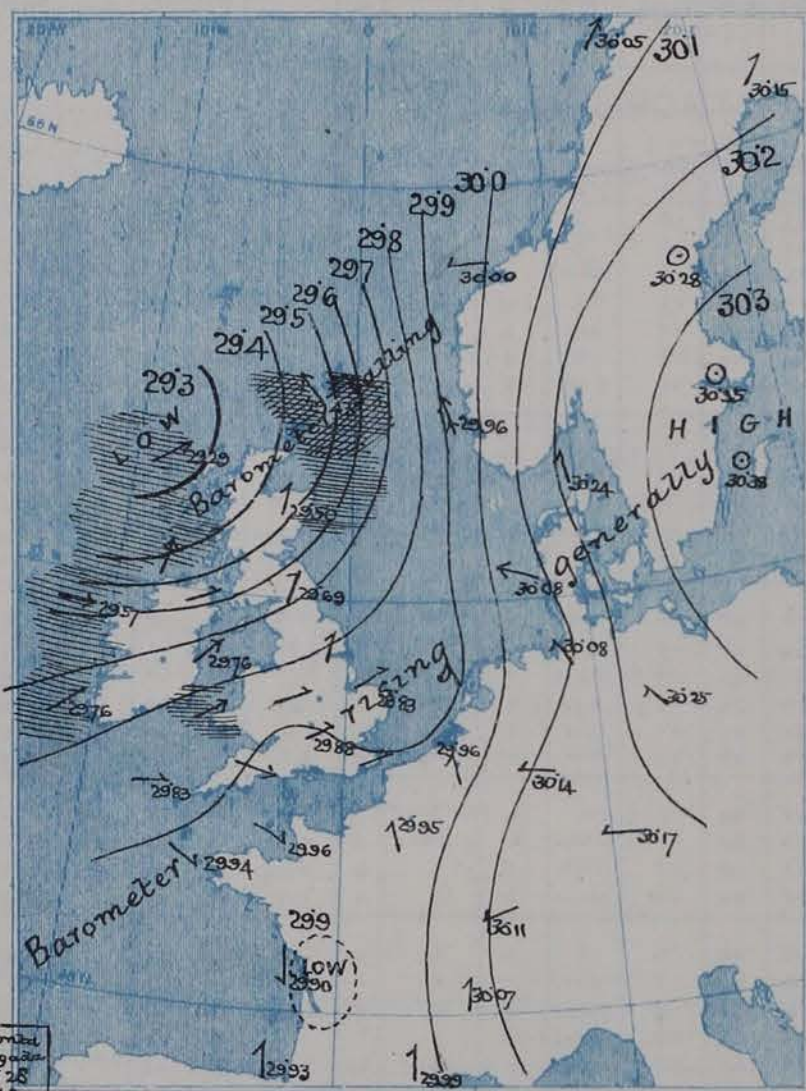
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 →

SEA.—Rough High

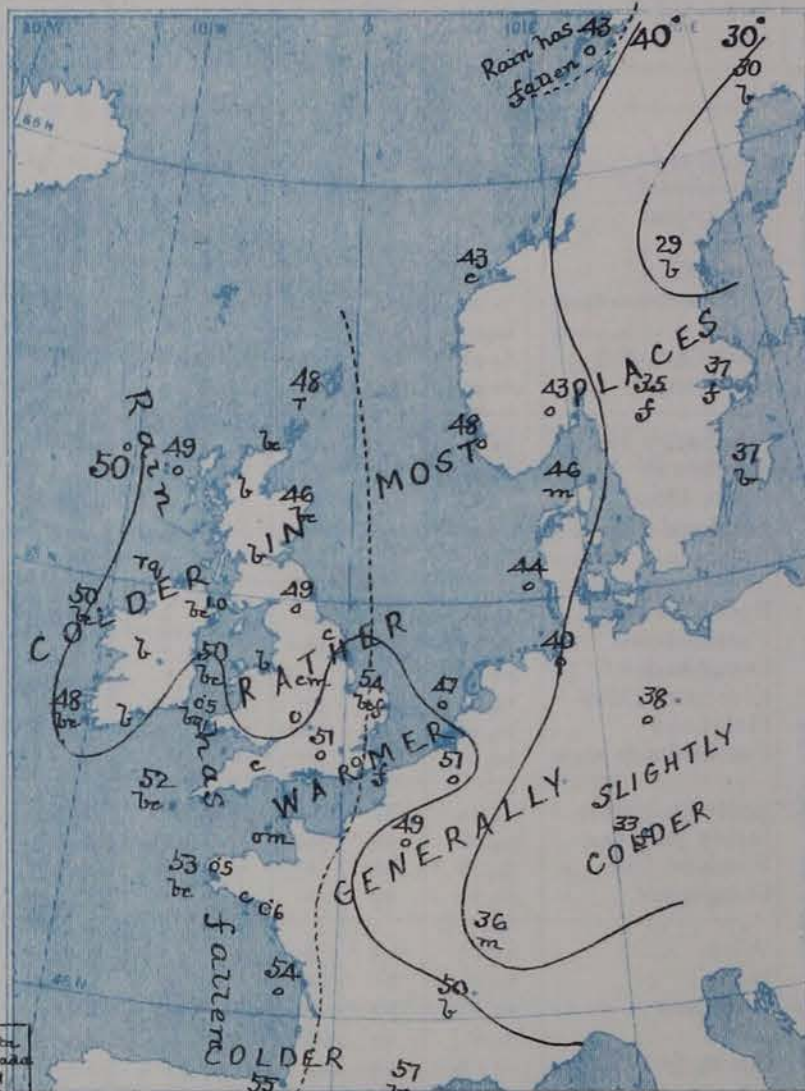


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus: 0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1887-1900), together with Means of Possible Duration for NOVEMBER.

Specimen (for Stornaway) { Average N° of Hours daily } 1.4
Total Possible 7.7



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period NOVEMBER. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The cyclonic disturbance noticed yesterday over the south-west of our Islands has travelled northwards, and is now passing away to the northward of Scotland, the lowest pressures, 29.3 ins. and less, being reported in the Hebrides. In the sea the barometer is rising on all but our extreme northern coasts, where it is at present falling slightly. A gradual fall is reported also on the eastern shores of the North Sea, but in the western parts of the Continent generally the mercury is rising. The highest pressures, 30.3 ins. and upwards, are reported over the Baltic and the southern parts of Sweden.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has veered to the W^d. in the south of England and to the S.W^d. in all other parts of the Kingdom, but still blows strongly over the Irish Sea and the north of Ireland, on the eastern and southern shores of the North Sea it is E^{ly} or S.E^{ly}, with a gale at Skudesnaes; calms are reported at most of the Swedish stations. In the Channel Islands and the west of France the wind is NW^{ly} or N^{ly}. Temperature has risen somewhat over England, the Netherlands, and the greater part of France, but has fallen elsewhere. Over Western Europe as a whole the readings are above the average, the thermometer being above 45° in nearly all parts of the United Kingdom, and above 50° in the south and east of England. In Germany and the south of Sweden the thermometer is below 40°, while in the north of Sweden it is slightly below the freezing point. The weather is fair over the United Kingdom generally, but rain is falling on some parts of our extreme north and north-west coasts. At the Continental stations the sky is cloudy; fog is reported in the south of Sweden. The sea is high at Aberdeen, and rough or rather so on our extreme western and northern coasts generally.

During yesterday the thermometer rose to between 50° and 55° in most parts of the United Kingdom and to 57° at Jersey and Dungeness. The amount of bright sunshine was everywhere small; at many stations there was none. Rain fell generally, the amount at Donaghadee being nearly an inch. A moderate to fresh gale from the S.Eth. blew all along the east coasts of Great Britain.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer still rises in the west, but the wind at Valencia is again backing to the S^d. so that further disturbances are probably approaching the Irish coasts. The improvement in the weather noticed to-day is likely to be followed by unsettled conditions, rain commencing in the west to-night, and extending eastwards over the Kingdom in the course of tomorrow.

FORECASTS *

For the 24 hours ending at NOON on 13th. November, 1902

DISTRICTS.

FORECASTS.

| | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | S.W ^{ly} to S ^{ly} winds, moderate or fresh; fair at first, some rain later. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | S.W ^{ly} to S ^{ly} winds, light or moderate; fair to-day, but becoming unsettled again to-morrow, with some rain. |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

| | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | Moderate or fresh S.W ^{ly} winds and fair weather, followed by increasing S ^{ly} winds and some rain |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | |
| 9 | IRELAND NORTH | |
| 10 | IRELAND SOUTH | |

WARNINGS.

At 10 a.m. to-day to districts 0, 3 and 5, 'Lower Cone'. The signals are still flying in districts 7, 8 and 9.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|--------|--------------|------|---------|-------|----------|----------------|----------|--------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | 0 | * | b.c. | 53 | 48 | 4.8 | - |
| Newton Reigny (Penrith) | 29.48 | 45 | SE 5 | † | 29.67 | 0.0 | 45 | 43 | +1 | SSW 4 | 6 | * | ogt.c | 49 | 43 | 0.0 | 0.37 |
| Bath | 29.53 | 52 | E 4 | 0 | 29.89 | +2.6 | 48 | 47 | 0 | NE 1 | 0 | * | - | 55 | 46 | 0.0 | 0.14 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 48 | 41 | m, o, c† | 0.0 | 0.08 | Worthing | * | * | * | 0.1 | * |
| Birmingham, 9 p.m. ... | 49 | 43 | † | 0.0 | 0.18 | Llandudno | * | * | * | 0.0 | * |
| Lowestoft, up to 6 p.m. ... | 52 | 48 | 0 | 2.0 | - | Rhyl up to 6 p.m. ... | * | * | * | 0.0 | * |
| Hastings | * | * | * | 0.7 | * | Southport, 9 p.m. ... | 49 | 45 | ot | 0.0 | 0.15 |
| Eastbourne up to 6 p.m. ... | * | * | * | 0.8 | * | Manchester, 9 p.m. ... | 54 | 45 | ou | 0.1 | 0.16 |
| Brighton | * | * | * | 0.1 | * | Darwen, 9 p.m. ... | 46 | 42 | ot | 0.0 | 0.31 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. (measured at 7 a.m.) |
|--------------------------|-----------------|-----------|----------|-------|-----------------|-----------------------------|--------|----------|----------------------------------|
| | Max. ° | Min. ° | | | | at 1 p.m. ° | 1 p.m. | | |
| 11. XI. 02 | | | | | 10. XI. 02 | | | | |
| Marseilles | 59 | 43 | b o | Ins. | Geneva | <i>Information not recd</i> | | | Ins. |
| Utrecht... .. | 57 | 39 | o c | — | Berne | | | | |
| Copenhagen... .. | 46 | 45 | o m | — | Lucerne | | | | |
| Prague | 52 | 34 | m m | — | Lausanne | | | | |
| Vienna | 48 | 39 | o c | — | Lugano | | | | |
| Buda-Pesth | 50 | 43 | c c | — | Locarno | | | | |
| St. Petersburg | 48 | 34 | o o | — | | | | | |
| Rome | 58 | 45 | b b | 1.07 | | | | | |
| Malta | 69 | 59 | ? c | 0.08 | | | | | |
| Madeira (Funchal) | 73 | 57 | r c | — | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) ... | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) ... | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 12 ... X 1 ... 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|----------------------|-------------------|----------------|------------------|
| | h. m. | h. m. | h. m. |
| Yarmouth | 7.10 | 11.37 | 4.4 |
| Greenwich | 7.14 | 11.44 | 4.14 |
| Wick | 7.55 | 11.56 | 3.57 |
| Valencia | 7.57 | 12.25 | 4.53 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

Thursday 13th November

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | YESTERDAY EVENING. (See note on last page.) | | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|------------------|--|-------|--------------|--------|---------------------|----------|---|------|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|------------------|-----------|----------------|------|-------------------------|-------------------|
| | BAROM. | | TEMP. | | WIND. | | BAROMETER. | | TEMPERATURE. | | | | WIND. | | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine. Hours | Rainfall. Ins. |
| | At 32° and M.S.L. | Ins. | Dry Bulb. | Dirac. | Force (0 to 12.) | Weather. | At 32° Fahr. and M. S. L. | Ins. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | Force (0 to 12.) | | | Max. | Min. | | |
| | | | | | | | | | | | | | | | | | | | | |
| SCANDINAVIA. | Haparanda ... | 30.09 | 34 | SW | 2 | c | 29.88 | -27 | 35 | 35 | +5 | SW | 4 | 5 | * | - | 36 | 28 | * | 0.20 |
| | Hernösand ... | 30.19 | 35 | S | 2 | b | 29.99 | -29 | 37 | 36 | +8 | S | 4 | 4 | * | - | 37 | 28 | * | - |
| | Stockholm ... | 30.41 | 40 | Z | 0 | o | 30.26 | -09 | 42 | 41 | +5 | WSW | 4 | 4 | * | - | 42 | 34 | * | - |
| | Wisby ... | 30.47 | 36 | S | 2 | f | 30.37 | -01 | 41 | 39 | +4 | W | 2 | 0 | * | - | 45 | 36 | * | - |
| | Karlstad ... | 30.18 | 42 | SW | 2 | o | 30.21 | -13 | 44 | 44 | +9 | SSW | 2 | f | * | o.r | * | * | * | 0.12 |
| | Færder (X'ania Fjord) ... | 30.07 | 47 | S | 6 | + | 30.17 | -11 | 46 | 46 | +3 | SW | 2 | m | 3 | - | 47 | 43 | * | 0.28 |
| | Bodö ... | 29.84 | 44 | E | 4 | bc | 29.77 | -28 | 38 | 36 | -5 | E | 4 | 0 | 1 | - | 44 | 36 | * | 0.08 |
| | Christiansund ... | 29.74 | 50 | SSE | 3 | c | 29.82 | -18 | 50 | 46 | +7 | SW | 1 | 0 | 4 | - | 50 | 43 | * | - |
| | Skudesnaes ... | 29.92 | 48 | S | 8 | o | 30.06 | +10 | 47 | 47 | -1 | S | 6 | m | 5 | +1.0 | 48 | 46 | * | * |
| | Sumburgh Head ... | 29.45 | 49 | S | 5 | o | 29.65 | +22 | 49 | 49 | +1 | S | 5 | + | 7 | 0 | 50 | 47 | * | 0.17 |
| BRITISH ISLANDS. | Stornoway ... | 29.56 | 50 | WSW | 3 | o | 29.51 | +22 | 53 | 52 | +4 | SW | 8 | + | 28 | 0 | 53 | 46 | 0.7 | 0.31 |
| | Malin Head ... | 29.60 | 50 | SSW | 8 | cqp | 29.59 | +19 | 53 | 51 | +5 | SSW | 7 | oqp | 5 | bc, cqp | 53 | 48 | * | 0.13 |
| | Blacksod Pt. ... | 29.63 | 54 | SW | 8 | +qgm | 29.52 | -05 | 55 | 54 | +5 | SSW | 10 | tgqm | 7 | r, tgqm | 55 | 50 | * | 0.66 |
| | Valencia ... | 29.85 | 55 | S | 5 | og | 29.74 | -02 | 55 | 54 | +7 | S | 6 | tm | 6 | o, og | 55 | 46 | 1.0 | 0.25 |
| | Roche's Point ... | 29.93 | 54 | SW | 3 | o | 29.89 | -11 | 55 | 53 | +9 | SSW | 6 | o | 6 | o, p, o | 55 | 45 | * | 0.01 |
| | Parsonstown ... | 29.84 | 51 | SE | 4 | o | 29.80 | +09 | 55 | 52 | +11 | SE | 8 | og | * | o | 55 | 44 | 4.8 | - |
| | Donaghadee ... | 29.79 | 50 | SW | 3 | c | 29.83 | +24 | 53 | 51 | +8 | SW | 3 | og | 3 | - | ? | ? | * | - |
| | Liverpool Obsy. ... | 29.98 | 47 | SW | 3 | b | 30.02 | +22 | 47 | 45 | +1 | SSE | 2 | c | 2 | b | 53 | 42 | * | - |
| | Holyhead ... | 29.92 | 51 | SW | 3 | bc | 29.97 | +21 | 53 | 52 | +3 | SSW | 7 | cq | 5 | bc | 54 | 47 | * | - |
| | Pembroke (St. Ann's) ... | 30.00 | 53 | SW | 5 | c | 30.02 | +19 | 54 | 52 | +1 | SSW | 6 | cqu | 5 | c, q | 55 | 52 | 6.2 | - |
| GERMANY, &c. | Scilly (St. Mary's) ... | 30.02 | 53 | SW | 3 | bc | 30.04 | +21 | 54 | 51 | +2 | SSW | 4 | c | 4 | c, bc | 57 | 48 | 7.3 | 0.01 |
| | Jersey (St. Aubins) ... | 30.13 | 55 | W | 2 | bm | 30.22 | +26 | 46 | 44 | -7 | SE | 1 | bmw | 1 | bc, bm | 59 | 38 | 6.3 | - |
| | Portland Bill ... | 30.10 | 52 | W | 3 | b | 30.17 | +26 | 51 | 47 | -2 | SSW | 2 | bc | 2 | bc, b | 55 | 49 | * | - |
| | Dungeness ... | 30.11 | 53 | WSW | 1 | bc | 30.21 | +33 | 33 | 33 | -22 | N | 1 | f | 0 | bc, f | 55 | 31 | * | 0.01 |
| | Wick ... | 29.61 | 51 | SE | 3 | bc | 29.65 | +29 | 53 | 50 | +5 | SE | 3 | o | 4 | - | 53 | 48 | * | 0.02 |
| | Nairn ... | 29.62 | 50 | WSW | 3 | c | 29.68 | +30 | 56 | 52 | +8 | SW | 3 | c | 1 | - | 56 | 40 | * | - |
| | Aberdeen ... | 29.73 | 48 | SSW | 3 | bc | 29.81 | +31 | 52 | 50 | +6 | SSW | 3 | og | 3 | c, bc, t | 52 | 46 | 2.6 | 0.04 |
| | Leith ... | 29.77 | 48 | SW | 3 | bc | 29.84 | +28 | 55 | 51 | +7 | SSW | 2 | o | * | - | 55 | 47 | * | - |
| | North Shields ... | 29.86 | 50 | WSW | 3 | bc | 29.97 | +27 | 46 | 44 | -3 | S | 2 | omw | 2 | bc | 55 | 45 | * | - |
| | Spurn Head ... | 30.02 | 50 | SW | 3 | b | 30.09 | +30 | 45 | 44 | -5 | S | 3 | bw | 2 | - | 53 | 43 | * | - |
| FRANCE. | Yarmouth ... | 30.02 | 52 | WSW | 1 | bc | 30.15 | +32 | 43 | 41 | -11 | SW | 2 | bm | 3 | bc | 55 | 40 | * | - |
| | Loughborough ... | 30.04 | 43 | SE | 1 | b | 30.12 | +29 | 42 | 42 | -7 | SE | 2 | bmw | * | c, bc, bm | 54 | 39 | * | - |
| | Oxford ... | 30.12 | 46 | S | 2 | b | 30.18 | +28 | 42 | 41 | -7 | S | 2 | f | * | - | 56 | 41 | * | - |
| | London (Brixton) ... | 30.09 | 48 | W | 1 | b | 30.18 | +30 | 43 | 42 | -8 | SSW | 1 | bf | * | c, bmw, b | 57 | 34 | 1.6 | - |
| | The Scaw (Skagen) ... | 30.12 | 47 | SSW | 3 | + | 30.20 | -04 | 46 | 46 | 0 | SW | 3 | + | 1 | - | 48 | 45 | * | 0.35 |
| | Fanö ... | 30.14 | 44 | SE | 4 | + | 30.18 | +10 | 43 | 43 | -1 | SE | 1 | + | * | - | 46 | 43 | * | 0.32 |
| | Cuxhaven ... | 30.13 | 46 | SSE | 4 | o | 30.19 | +11 | 42 | 41 | +2 | S | 1 | o | * | - | 48 | 39 | * | - |
| | The Helder ... | 30.06 | 51 | SSW | 1 | + | 30.13 | +25 | 42 | 42 | -5 | SSW | 1 | m | 1 | - | 52 | 43 | * | 0.32 |
| | Brussels ... | * | * | * | * | * | 30.25 | +29 | 40 | 40 | -11 | Z | 0 | f | * | - | 56 | 40 | * | 0.43 |
| | Berlin ... | 30.31 | 43 | Z | 0 | b | 30.35 | +09 | 40 | 39 | +2 | SSE | 3 | o | * | - | 46 | 37 | * | - |
| SPAN. PEN. | Frankfurt ... | 30.28 | 41 | E | 2 | o | 30.30 | +16 | 41 | 39 | +3 | S | 2 | o | * | - | 50 | 38 | * | - |
| | Munich ... | 30.27 | 35 | E | 4 | f | 30.28 | +11 | 36 | 36 | +3 | E | 4 | f | * | - | 36 | 32 | * | 0.04 |
| | C. Gris Nez ... | 30.18 | 54 | WSW | 1 | o | 30.20 | +30 | 47 | 47 | -6 | Z | 0 | b | 1 | - | 55 | 45 | * | - |
| | Brest ... | 30.15 | 53 | NW | 2 | b | 30.18 | +24 | 47 | 47 | -6 | ESE | 3 | b | 3 | - | 59 | 46 | * | - |
| | Lorient ... | 29.74 | 55 | NW | 1 | b | 30.19 | +24 | 48 | 46 | -4 | E | 3 | b | 5 | - | 63 | 46 | * | - |
| | Rocheport ... | 30.07 | 55 | N | 3 | o | 30.14 | +24 | 50 | 50 | -4 | ENE | 3 | m | * | +1.0 | 57 | 48 | * | - |
| | Biarritz ... | 30.06 | 58 | W | 2 | + | 30.10 | +17 | 57 | 57 | +2 | Z | 0 | m | 5 | - | 58 | 55 | * | 0.28 |
| | Paris ... | 30.12 | 55 | NNW | 3 | o | 30.21 | +26 | 49 | 48 | 0 | NNW | 3 | o | * | - | 59 | 48 | * | - |
| | Belfort ... | 30.16 | 40 | ENE | 5 | f | 30.24 | +13 | 33 | 33 | -3 | ENE | 5 | f | * | - | 52 | 32 | * | - |
| | Lyons ... | 30.14 | 52 | S | 1 | b | 30.21 | +14 | 40 | 39 | -10 | N | 1 | b | * | - | 63 | 40 | * | 0.39 |
| SPAN. PEN. | Nice ... | 30.14 | 52 | E | 1 | b | 30.17 | +14 | 47 | 43 | -7 | E | 2 | b | 2 | - | 59 | 45 | * | - |
| | Perpignan ... | 30.09 | 58 | Z | 0 | o | 30.13 | +14 | 50 | 50 | -7 | S | 1 | o | * | - | 63 | 47 | * | - |
| SPAN. PEN. | Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Lisbon ... | 30.02 | 54 | N | 4 | b | 30.04 | +10 | 56 | 53 | +4 | NNW | 4 | b | * | - | 57 | 52 | * | - |
| | Azores (P. Delgada) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Thursday, 13th November, 1902.*

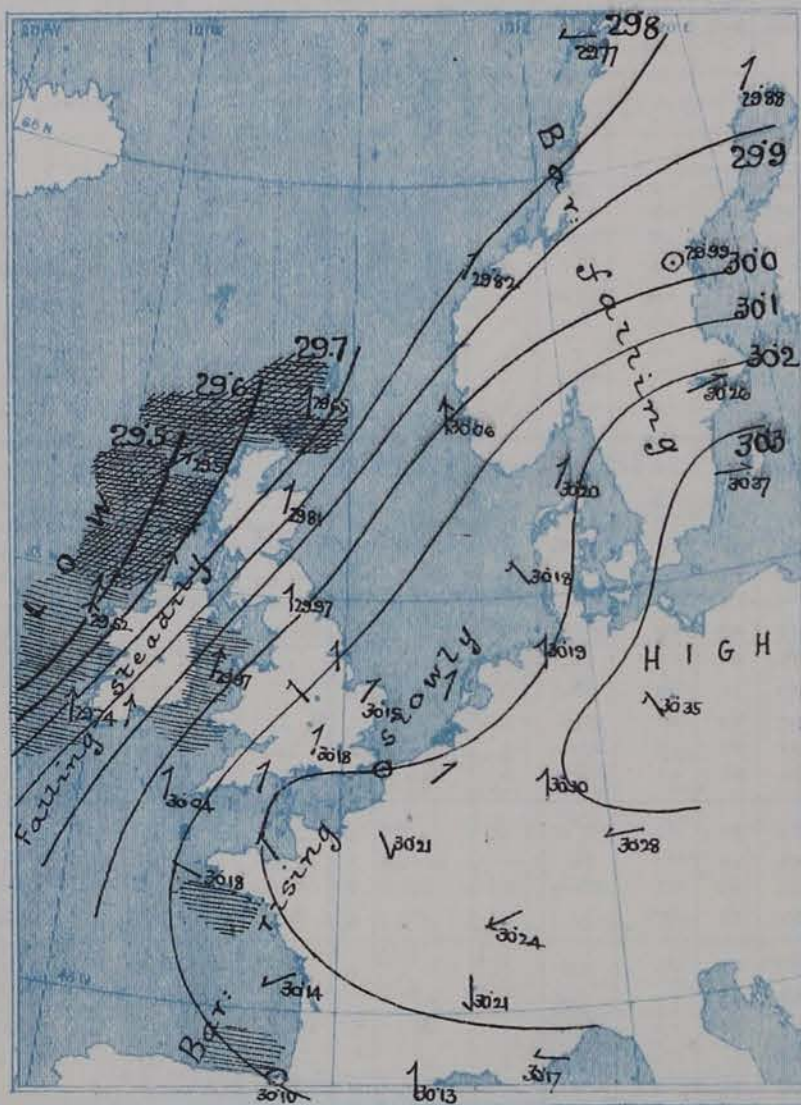
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ⊙
Force 8 to 10 → Force 1 to 4 →

SEA—Rough High

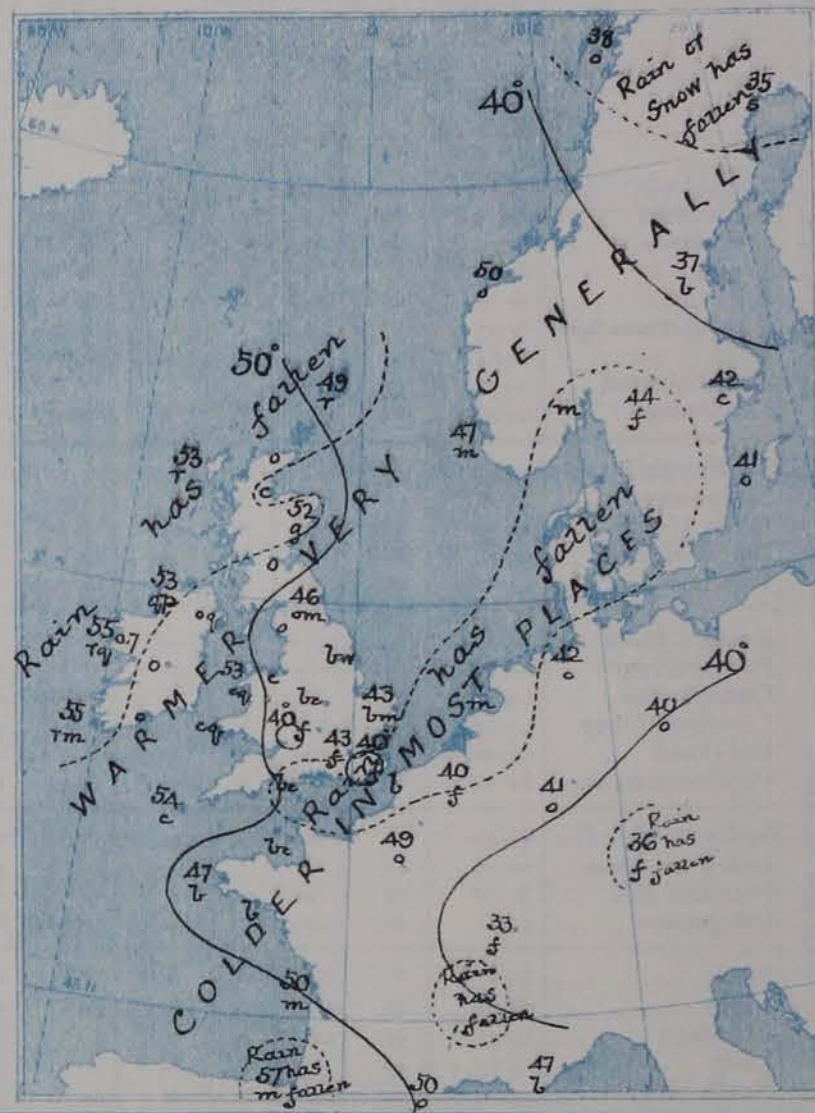


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus .06



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen: $\left\{ \begin{array}{l} \text{Average No of} \\ \text{Hours daily} \end{array} \right\} 1.4$
(for Stornaway) $\left\{ \begin{array}{l} \text{Total Possible} \end{array} \right\} 7.7$



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period
NOVEMBER. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure this morning is highest over Germany, the Baltic and France, lowest off the northwestern coasts of the British Islands. The readings range from 30.37 in. at Wisby and 30.35 in. at Berlin to 29.51 in. at Stornoway and 29.52 in. at Blackrod Point. Gradients are slight in the east and south, steep in the north and west, and the barometer is falling steadily over Ireland.

WIND

TEMPERATURE

WEATHER

AND

SEA

S.W.^{ly} to S.^{ly} winds are prevalent over the United Kingdom generally and though light at present at our southern and eastern stations, are strong to a gale in force in the west and north-west. Over Continental Europe they are very light and variable. Temperature has risen in Ireland and Scotland, fallen fast over the greater part of England, the Netherlands and the north and west of France. In our Islands it is above the average in almost all places, but especially in Ireland and Scotland. The weather is fine at the eastern and southern stations—very foggy in some localities—but has become very rainy and squally in the west and north-west. The sea is high in the north and west, smooth at present in the south-east.

During yesterday the maximum temperatures were above 50° very generally (59° at Jersey), but the night was very cold over the south-east and east of England; a film of ice covered the grass in London at 8 a.m. Bright sunshine was abundant at several south-western and north-western stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression, now approaching our western coasts will probably spread all over the Kingdom to-day, and mild, squally, wet weather is probable generally.

FORECASTS *

For the 24 hours ending at NOON on 14th November, 1902

DISTRICTS.

FORECASTS.

| | | |
|------------|------------------|---|
| 0 ∇ | SCOTLAND NORTH | S.W. ^{ly} and S. ^{ly} gales with rain. Squally, very rough weather. |
| 1 ∇ | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | S. ^{ly} and S.W. ^{ly} winds becoming very strong and squally, with rainy, mild weather. |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | S.W. ^{ly} winds, moderate to very strong, milder, and becoming rainy to-night. |

DISTRICTS.

FORECASTS.

| | | |
|-------------|---------------|----------------|
| 6 ∇ | SCOTLAND WEST | Same as No. 0. |
| 7 ∇ | ENGLAND N.W. | |
| 8 ∇ | ENGLAND S.W. | |
| 9 ∇ | IRELAND NORTH | |
| 10 ∇ | IRELAND SOUTH | |

WARNINGS

Our South-west, West and North coasts have all been warned during the past day, and the signals are now up in districts 0, 1 and 6 to 10.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|------|----------------|--------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | b | * | o, c | 55 | 35 | 1.2 | - |
| Newton Reigny (Penrith) | 29.87 | 47 | SE 3 | b | 29.95 | +28 | 48 | 47 | +3 | SE 3 | o | * | c, b, o | 52 | 45 | 5.0 | - |
| Bath | 30.09 | 46 | NE 1 | o | 30.16 | +27 | 35 | 35 | -13 | E 1 | c | * | - | 56 | 33 | 5.3 | - |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 52 | 44 | b | 5.5 | 0.30 | Worthing | * | * | * | 3.0 | * |
| Birmingham, 9 p.m. ... | 54 | 44 | b | 5.5 | - | Llandudno | * | * | * | 6.8 | * |
| Lowestoft, up to 6 p.m. ... | 54 | 52 | c | 0.0 | 0.01 | Rhyl | * | * | * | 7.5 | * |
| Hastings | * | * | * | 0.2 | * | Southport, 9 p.m. ... | 56 | 44 | o, c, b | 6.7 | - |
| Eastbourne | * | * | * | 0.8 | * | Manchester, 9 p.m. ... | 56 | 44 | b | 2.8 | - |
| Brighton | * | * | * | 3.3 | * | Darwen, 9 p.m. ... | 50 | 42 | bv | 3.8 | - |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. 12.XI.02 | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. 11.XI.02 | TEMPERATURE, F. at 1 p.m. | WEATHER. 1 p.m. | RAIN. (measured at 7 a.m.) |
|-----------------------------------|-----------------|------|----------|-------|-----------------------|------------------------------|--------------------|----------------------------------|
| | Max. | Min. | | | | | | |
| Marseilles | 61 | 46 | o o | Ins. | Geneva | 43 | bc | Ins. |
| Utrecht | 48 | 43 | c o | — | Berne | 45 | b | — |
| Copenhagen | 46 | 34 | o m | — | Lucerne | 45 | o | — |
| Prague | 52 | 36 | o m | — | Lausanne | 46 | b | — |
| Vienna | 50 | 39 | b a | — | Lugano | 55 | o | — |
| Buda-Pesth | 48 | 41 | c o | — | Locarno | 54 | o | — |
| St. Petersburg | 39 | 34 | o o | — | | | | |
| Rome | 61 | 43 | b b | — | | | | |
| Malta | 68 | 61 | ? c | — | | | | |
| Madeira (Funchal) <i>not obs.</i> | | | | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 13 Nov. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 7.12 | 11.37 | 4.3 |
| Greenwich | 7.16 | 11.44 | 4.13 |
| Wick | 7.58 | 11.56 | 3.58 |
| Valencia | 7.59 | 12.25 | 4.52 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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" Weekly " " " £1 10 0 " Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

Friday 14th NOVEMBER

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|-------------------------|------------------------|--|------------------------|---------------------------------|------------------------------------|--------------|---|------------------------------------|--------------|------------------------|----------|-------|------|------------------|----------|------------|----------------|-------------------------|-------------------|------|--|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall. Ins. | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| At 32° and M.S.L. | Dry Bulb. | Direc. | Force (0 to 12.) | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | Weather. | Max. | Min. | | | | | | | | |
| Ins. | Ins. | ° | ° | Ins. | Ins. | ° | ° | ° | ° | Ins. | Ins. | Hours | Ins. | | | | | | | | |
| SCANDINAVIA. | Haparanda ... | 29.96 | 33 | SW | 2 | o | 30.24 | +34 | 35 | 35 | 0 | NE | 2 | o | * | - | 37 | 32 | * | 0.08 | |
| | Hernösand ... | 30.05 | 35 | Z | 0 | bc | 30.10 | +11 | 32 | 31 | -5 | Z | 0 | f | * | - | 41 | 32 | * | - | |
| | Stockholm ... | 30.22 | 43 | Z | 0 | o | 30.19 | -07 | 44 | 43 | +2 | W | 2 | o | * | - | 45 | 37 | * | - | |
| | Wisby ... | 30.33 | 41 | SW | 6 | o | 30.28 | -09 | 41 | 40 | 0 | W | 6 | o | * | - | 43 | 32 | * | - | |
| | Karlstad ... | 30.21 | 44 | SW | 2 | o | 30.20 | -01 | 44 | 43 | 0 | SW | 2 | o | * | - | * | * | * | - | |
| | Færder (X'iania Fjord) | 30.19 | 45 | SSW | 2 | b | 30.23 | +06 | 45 | 44 | -1 | S | 2 | m | 1 | - | 46 | 45 | * | - | |
| | Bodö ... | 29.89 | 42 | E | 4 | o | 29.89 | +12 | 43 | 40 | +5 | E | 6 | r | 3 | - | 43 | 36 | * | - | |
| | Christiansund ... | 29.86 | 52 | WSW | 2 | o | 29.99 | +17 | 50 | 47 | 0 | W | 4 | c | 5 | - | 52 | 46 | * | - | |
| Skudesnaes ... | 30.07 | 48 | S | 8 | c | 30.18 | +12 | 47 | 46 | 0 | W | 1 | bc | 4 | o.c | 48 | 46 | * | * | | |
| BRITISH ISLANDS. | Sumburgh Head | 29.52 | 50 | S | 5 | f | 30.06 | +41 | 47 | 44 | -2 | W | 4 | c | 6 | o, f | 51 | 45 | * | 0.14 | |
| | Stornoway ... | 29.43 | 51 | WSW | 8 | c | 30.09 | +58 | 43 | 41 | -10 | WSW | 2 | b | 2 | q, r, c | 54 | 42 | 0.0 | 0.28 | |
| | Malin Head ... | 29.74 | 50 | SW | 7 | b | 30.16 | +57 | 44 | 42 | -9 | SSE | 3 | b | 3 | c, b | 54 | 42 | * | 0.01 | |
| | Blacksod Pt. ... | 29.88 | 49 | WSW | 5 | b | 30.14 | +62 | 48 | 45 | -7 | SSE | 4 | b | 4 | bgm, b | 55 | 46 | * | 0.31 | |
| | Valencia ... | 30.01 | 49 | WSW | 2 | bc | 30.15 | +41 | 49 | 46 | -6 | SE | 3 | c | 4 | c, bc | 56 | 40 | 1.3 | 0.25 | |
| | Roche's Point ... | 29.99 | 52 | SW | 3 | c | 30.18 | +29 | 44 | 43 | -11 | NW | 3 | bw | 1 | f, o, c | 55 | 42 | * | 0.16 | |
| | Parsonstown ... | 29.98 | 47 | W | 1 | b | 30.20 | +40 | 35 | 35 | -20 | E | 1 | b | * | ot, b | 55 | 35 | 0.0 | 0.07 | |
| | Donaghadee ... | 29.88 | 52 | W | 2 | c | 30.25 | +42 | 40 | 39 | -13 | W | 1 | bcn | 1 | - | 54 | 38 | * | 0.01 | |
| Liverpool Obsy. | 30.04 | 52 | SSW | 3 | op | 30.28 | +26 | 49 | 48 | +2 | SE | 1 | o | ? | b, op | 54 | 47 | * | 0.02 | | |
| Holyhead ... | 29.96 | 53 | SW | 7 | tgqm | 30.23 | +26 | 49 | 47 | -4 | E | 3 | em | 2 | o, tgqm | 54 | 47 | * | 0.11 | | |
| Pembroke (St. Ann's) | 30.04 | 54 | SSW | 6 | o | 30.18 | +16 | 54 | 54 | 0 | SSW | 5 | ogdf | 5 | - | 57 | 52 | 0.0 | 0.27 | | |
| GERMANY, &c. | Scilly (St. Mary's)... | 30.04 | 54 | SSW | 5 | ot | 30.16 | +12 | 54 | 51 | 0 | S | 5 | o | 6 | o, ot | 57 | 50 | 0.5 | - | |
| | Jersey (St. Aubins)... | 30.19 | 51 | ESE | 1 | bm | 30.32 | +10 | 41 | 40 | -5 | SSE | 1 | bcnw | 1 | b, bm | 57 | 39 | 8.3 | 0.01 | |
| | Portland Bill ... | 30.17 | 52 | SW | 3 | c | 30.30 | +13 | 53 | 51 | +2 | SSW | 1 | bc | 1 | bc, c | 56 | 50 | * | - | |
| | Dungeness ... | 30.19 | 52 | SW | 3 | bc | 30.34 | +13 | 50 | 49 | +17 | SSW | 2 | bc | 1 | b, bc | 57 | 32 | * | - | |
| | Wick ... | 29.61 | 51 | NW | 3 | bc | 30.15 | +50 | 43 | 42 | -10 | NW | 2 | b | 2 | - | 54 | 40 | * | 0.01 | |
| | Nairn ... | 29.61 | 52 | SSW | 4 | b | 30.18 | +50 | 39 | 38 | -17 | W | 1 | b | 1 | - | 57 | 36 | * | 0.03 | |
| | Aberdeen ... | 29.71 | 53 | S | 4 | og | 30.21 | +40 | 41 | 39 | -11 | SW | 2 | b | 2 | c, og | 54 | 41 | 1.4 | - | |
| | Leith ... | 29.78 | 53 | SSW | 3 | o | 30.25 | +41 | 41 | 40 | -14 | Z | 0 | m | * | - | 56 | 40 | * | 0.01 | |
| North Shields ... | 29.91 | 53 | SW | 2 | c | 30.29 | +28 | 44 | 42 | -2 | W | 2 | bcn | 2 | o, c | 54 | 42 | * | - | | |
| FRANCE. | Spurn Head ... | 30.08 | 50 | SSW | 4 | c | 30.27 | +18 | 48 | 47 | +3 | NW | 1 | bc | 2 | - | 53 | 44 | * | - | |
| | Yarmouth ... | 30.14 | 53 | SSW | 2 | b | 30.28 | +13 | 45 | 44 | +2 | WSW | 3 | bcf | 3 | bc, b | 53 | 40 | * | - | |
| | Loughborough ... | 30.11 | 49 | SSW | 2 | o | 30.30 | +18 | 48 | 47 | +6 | SE | 1 | omw | * | c, om, em | 53 | 42 | * | - | |
| | Oxford ... | 30.18 | 48 | S | 2 | o | 30.32 | +14 | 48 | 47 | +6 | SSE | 1 | o | * | o | 55 | 42 | * | - | |
| | London (Brixton) | 30.17 | 48 | SW | 2 | o | 30.32 | +14 | 44 | 43 | +1 | Z | 0 | cf | * | bc, o, bfw | 57 | 40 | 3.0 | - | |
| | The Scaw (Skagen) | 30.23 | 46 | SW | 2 | m | 30.25 | +05 | 45 | 45 | -1 | SW | 1 | f | 0 | - | 48 | 45 | * | 0.04 | |
| | Fanö ... | 30.23 | 46 | S | 1 | f | 30.31 | +13 | 42 | 41 | -1 | S | 1 | f | * | - | 46 | 41 | * | - | |
| | Cuxhaven ... | 30.24 | 44 | S | 1 | f | 30.34 | +15 | 43 | 43 | +1 | S | 1 | f | * | - | 46 | 41 | * | - | |
| The Helder ... | 30.19 | 42 | S | 1 | f | 30.30 | +17 | 43 | 43 | +1 | S | 1 | f | 1 | - | 54 | 37 | * | - | | |
| SPAN. PEN. | Brussels ... | * | * | * | * | * | 30.37 | +12 | 40 | 40 | 0 | WNW | 1 | f | * | - | 50 | 38 | * | - | |
| | Berlin ... | 30.33 | 38 | SSE | 2 | b | 30.35 | +00 | 32 | 31 | -8 | SE | 2 | c | * | - | 45 | 30 | * | - | |
| | Frankfurt ... | 30.30 | 43 | S | 2 | o | 30.36 | +06 | 41 | 39 | 0 | Z | 0 | o | * | - | 45 | 41 | * | - | |
| | Munich ... | 30.28 | 36 | SE | 4 | o | 30.34 | +06 | 33 | 33 | -3 | SW | 2 | f | * | - | 37 | 32 | * | - | |
| | C. Gris Nez ... | 30.22 | 46 | SW | 2 | bc | 30.32 | +12 | 38 | 38 | -9 | SSW | 1 | f | 1 | - | 52 | 37 | * | 0.04 | |
| | Brest ... | 30.19 | 54 | S | 3 | bc | 30.27 | +09 | 50 | 50 | +3 | ESE | 2 | c | 2 | - | 55 | 47 | * | - | |
| | Lorient ... | 30.20 | 53 | S | 1 | b | 30.27 | +08 | 48 | 48 | 0 | E | 2 | m | 2 | - | 61 | 46 | * | - | |
| | Rochefort ... | 30.15 | 55 | NE | 3 | b | 30.21 | +07 | 50 | 49 | 0 | ENE | 3 | m | * | bc, b | 59 | 46 | * | - | |
| Biarritz ... | 30.15 | 58 | SW | 2 | o | 30.19 | +09 | 55 | 55 | -2 | Z | 0 | m | 3 | - | 59 | 54 | * | - | | |
| SPAN. PEN. | Paris ... | 30.27 | 49 | NW | 2 | o | 30.33 | +12 | 42 | 42 | -7 | NNE | 2 | o | * | - | 50 | 38 | * | - | |
| | Belfort ... | 30.26 | 34 | ENE | 6 | f | 30.32 | +08 | 33 | 33 | 0 | ENE | 5 | f | * | - | 41 | 32 | * | - | |
| | Lyons ... | 30.23 | 49 | NE | 1 | b | 30.33 | +12 | 35 | 35 | -5 | E | 1 | b | * | - | 55 | 34 | * | 0.39 | |
| | Nice ... | 30.16 | 51 | Z | 0 | b | 30.19 | +02 | 46 | 45 | -1 | E | 1 | c | 3 | - | 61 | 45 | * | - | |
| Perpignan ... | 30.15 | 55 | Z | 0 | o | 30.19 | +06 | 53 | 53 | -3 | Z | 0 | o | * | - | 65 | 52 | * | 0.04 | | |
| SPAN. PEN. | Corunna ... | ? | 57 | NNW | 5 | bc | 30.08 | +04 | 58 | 55 | +2 | N | 3 | b | * | - | 63 | 55 | * | - | |
| | Lisbon ... | ? | 57 | NNW | 5 | bc | 30.08 | +04 | 58 | 55 | +2 | N | 3 | b | * | - | 63 | 55 | * | - | |
| SPAN. PEN. | Azores (P. Delgada) | ? | 57 | NNW | 5 | bc | 30.08 | +04 | 58 | 55 | +2 | N | 3 | b | * | - | 63 | 55 | * | - | |
| | Azores (P. Delgada) | ? | 57 | NNW | 5 | bc | 30.08 | +04 | 58 | 55 | +2 | N | 3 | b | * | - | 63 | 55 | * | - | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR FRIDAY, 14TH NOVEMBER, 1902.

I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10

Force 5 to 7

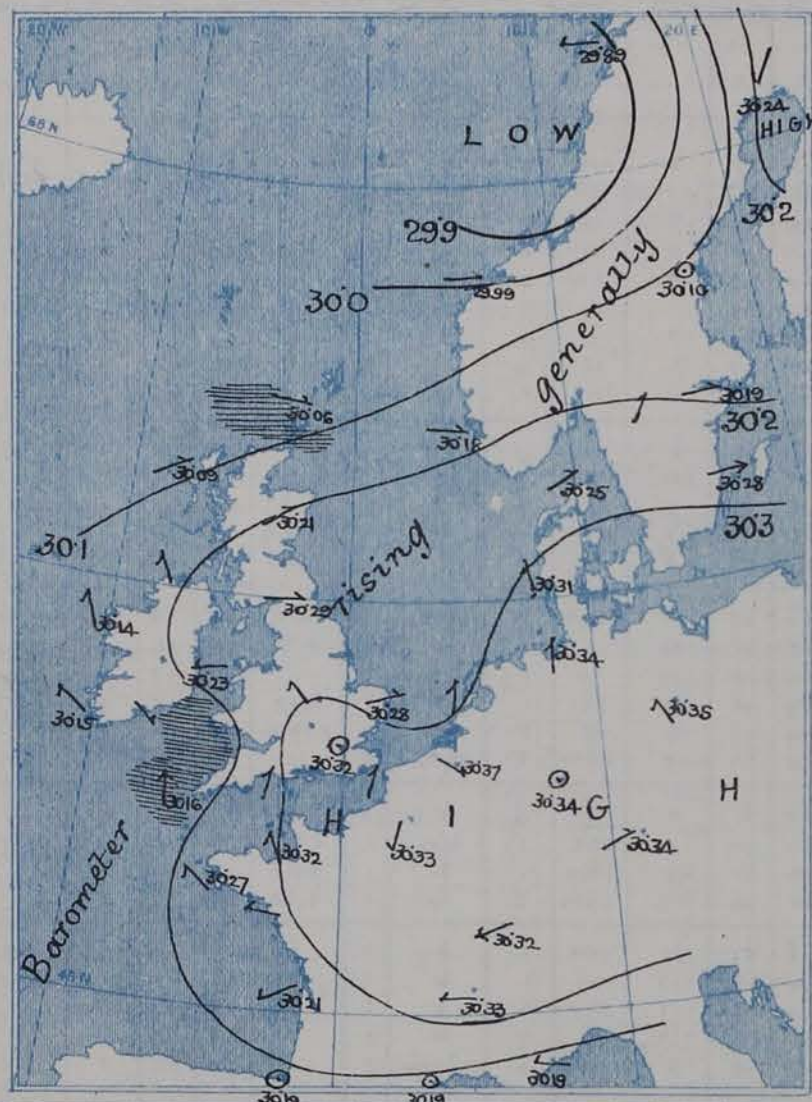
Calm

Force 8 to 10

Force 1 to 4

SEA.—Rough

High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus — 0.6.



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen { Average No of Hours daily } 1.4
(for Stornaway) { Total Possible } 7.7



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

NOVEMBER. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression which menaced our west and north-west coasts yesterday morning has passed completely away to the northward, and over the whole of Western Europe the barometer has risen decidedly; at Blackrod Point and Stornoway the rise amounts to 0.6 in. A large anticyclone now covers the whole of Germany, France, the Baltic, the North Sea and England, and readings range from 30.37 in. at Brussels to 30.09 in. at Stornoway, and 29.89 in. at Bodø.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has become moderate from S.E. in Ireland, and from W. at our northern stations, while it is light and extremely variable over England, and mainly E^{ly} over France. Temperature has fallen fast over Scotland and Ireland, risen over many of the southern parts of England, and now varies from 54° at Scilly and 47° at Lumburgh Head to 40° at Donaghadee, 39° at Nairn and 35° both at Newton Kigin and Parsonstown. In the south-west of England the values are above the average, while in the central parts of our northern and western districts they are low. At Paris the temperature is 42°, at Berlin and Hernösand 32°. The weather has become fair or foggy in most places, but is still overcast in the south-west of England, and rainy at Pembroke; much fog prevails over France. The sea is rough off the south-west coast of England.

Yesterday was warm over our Islands generally, and there was much bright sunshine (about 8 hrs.) on our south and south-west coasts. Halos (solar and lunar) were seen in many parts of England. Rainfall was confined to our northern and western stations and was not heavy.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Cold anticyclonic conditions are becoming general, so that light variable breezes, or calms, and fogs are very probable, especially over England.

FORECASTS *

For the 24 hours ending at NOON on 15th November, 1902

DISTRICTS.

FORECASTS.

| | | |
|---|-----------------------|---|
| 0 | { SCOTLAND NORTH | W ^{ly} and S.W ^{ly} winds, falling light, fair, cold. |
| 1 | { SCOTLAND EAST | |
| 2 | { ENGLAND N.E. | Calms and light airs; fair, but foggy or hazy. Colder. |
| 3 | { ENGLAND EAST | |
| 4 | { MIDLAND COUNTIES | |
| 5 | { ENGLAND SOUTH | |



DISTRICTS.

FORECASTS.

| | | |
|----|--------------------|--|
| 6 | { SCOTLAND WEST | Same as Nos. 0 and 1. |
| 7 | { ENGLAND N.W. | S.E ^{ly} winds, light and variable; fair, foggy inland. |
| 8 | { ENGLAND S.W. | S.E ^{ly} to E ^{ly} winds, falling light; cold, hazy. |
| 9 | { IRELAND NORTH | Same as No. 7. |
| 10 | { IRELAND SOUTH | Same as No. 8. |

WARNINGS

The signals were all lowered this morning.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|-------|-------|----------|---------------------|--------------|------|---------|-------|----------|------|----------------|--------------|------|--------|----------|
| | Bar. | Temp. | Wind. | Weather. | Barometer. | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- | Rainfall |
| | Ins. | ° | | | Ins. Change. | Dry. | Wet. | Change. | | | | | Max. | Min. | shine. | Ins. |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | bcw | * | b.c | 55 | 38 | 7.1 | - |
| Newton Reigny (Penrith) | 29.93 | 50 | S 3 | † | 30.27 +.32 | 35 | 35 | -13 | Z 0 | 0 | * | ogd.c.o | 52 | 34 | 0.0 | 0.05 |
| Bath | 30.15 | 51 | W 2 | 0 | 30.30 +.14 | 48 | 48 | +13 | W 1 | c | * | - | 56 | 33 | 2.8 | - |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. |
|-----------------------------|--------------|------|----------|-----------|-----------|------------------------|--------------|------|----------|-----------|-----------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 52 | 41 | W, o. c | 0.0 | - | Worthing | * | * | * | 7.6 | * |
| Birmingham, 9 p.m. ... | 51 | 40 | 7 | 0.0 | - | Llandudno | * | * | * | 0.1 | * |
| Lowestoft, up to 6 p.m. ... | 54 | 49 | c | 5.5 | - | Rhyl | * | * | * | 0.2 | * |
| Hastings | * | * | * | 7.8 | * | Southport, 9 p.m. ... | 54 | 42 | op | 0.0 | 0.02 |
| Eastbourne | * | * | * | 7.3 | * | Manchester, 9 p.m. ... | 56 | 43 | 0 | 0.1 | - |
| Brighton | * | * | * | 7.3 | * | Darwen, 9 p.m. ... | 50 | 39 | od | 0.0 | - |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-----------------------|-----------------|------|----------|-------|-----------------|-----------------|-----------|----------|-------|
| | Max. | Min. | | | | at 1 p.m. | at 1 p.m. | | |
| 13. XI. 02 | | | | | 12. XI. 02 | | | | |
| Marseilles | 64 | 46 | b o | Ins. | Geneva | 41 | m | m | Ins. |
| Utrecht | 54 | 45 | r m | 0.71 | Berne | 37 | m | m | - |
| Copenhagen | 46 | 43 | o o | - | Lucerne | 39 | m | m | - |
| Prague | 50 | 30 | m m | - | Lausanne | 50 | m | m | - |
| Vienna | 48 | 32 | o b | - | Lugano | 54 | b | b | - |
| Buda-Pesth | 50 | 37 | o o | - | Locarno | 55 | b | b | - |
| St. Petersburg | 39 | 36 | o r | - | | | | | |
| Rome | 62 | 44 | b b | - | | | | | |
| Malta | 70 | 63 | ? c | - | | | | | |
| Madeira (Funchal) ... | 68 | 52 | o c | - | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|--|---|--------------------------------|--|--------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark, Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 14. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|----------------|-------------|---------------|
| Yarmouth | 7.14 | 11.38 | 4.2 |
| Greenwich | 7.18 | 11.45 | 4.12 |
| Wick | 8.0 | 11.57 | 3.53 |
| Valencia | 8.1 | 12.26 | 4.51 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

Saturday 15th November.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|----------------------|------------------------|--|--------|---------------------|---------------------|---------------------------------|---|------------------------------------|--------------|------------------------------------|------------------------------------|---------------------|---------------------|------------------|----------|----------|----------------|-------------------------|-------------------|-------------------------|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall. Ins. | | |
| | | | | Dirac. | Force (0 to 12.) | | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | | At 32° and M.S.L. | Ins. |
| Ins. | | Dry Bulb. | Dirac. | Force (0 to 12.) | Weather. | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | Weather. | Sea (0 to 9.) | Weather. | Max. | Min. | Sun- shine. Hours | Rainfall. Ins. | | |
| SCANDINAVIA. | Haparanda ... | 30.33 | 26 | S | 4 | o | 30.52 | +28 | 21 | 20 | -14 | E | 2 | o | * | 36 | 21 | * | 0.08 | | |
| | Hernösand ... | 30.33 | 34 | Z | o | b | 30.56 | +46 | 36 | 33 | +4 | Z | o | b | * | 37 | 32 | * | - | | |
| | Stockholm ... | 30.30 | 42 | WSW | 4 | c | 30.54 | +35 | 37 | 34 | -7 | NNW | 2 | b | * | 46 | 37 | * | - | | |
| | Wisby ... | 30.33 | 42 | W | 2 | c | 30.49 | +21 | 41 | 40 | o | NNE | 6 | bc | * | 43 | 26 | * | - | | |
| | Karlstad ... | 30.42 | 40 | Z | o | b | 30.67 | +47 | 33 | 32 | -11 | NW | 2 | b | * | * | * | * | - | | |
| | Færder (X'ania Fjord) | 30.40 | 43 | NNE | 2 | m | 30.63 | +40 | 40 | 39 | -5 | N | 4 | b | 2 | - | 46 | 39 | * | - | |
| | Bodö ... | 30.14 | 44 | WSW | 6 | bc | 30.49 | +60 | 39 | 36 | -4 | E | 1 | c | 1 | - | 44 | 36 | * | 0.08 | |
| | Christiansund ... | 30.40 | 45 | WSW | 1 | b | 30.52 | +53 | 41 | 37 | -9 | ESE | 2 | b | 4 | - | 50 | 41 | * | - | |
| Skudesnaes ... | 30.47 | 44 | Z | o | b | 30.54 | +36 | 41 | 40 | -6 | E | 2 | b | 2 | m, b | 50 | 39 | * | * | | |
| BRITISH ISLANDS. | Sumburgh Head ... | 30.29 | 41 | S | 1 | b | 30.23 | +17 | 49 | 48 | +2 | S | 4 | m | 5 | b | 50 | 40 | * | 0.02 | |
| | Stornoway ... | 30.16 | 48 | SSW | 4 | bc | 30.13 | +04 | 55 | 53 | +12 | SW | 6 | o | 6 | p, bc | 55 | 41 | 2.8 | 0.02 | |
| | Malin Head ... | 30.14 | 45 | S | 5 | b | 30.10 | -06 | 48 | 47 | +4 | S | 5 | bc | 3 | b | 51 | 44 | * | - | |
| | Blackod Pt. ... | 30.06 | 52 | SE | 3 | cm | 30.01 | -13 | 54 | 50 | +6 | SSE | 5 | bc | 4 | b, cm | 58 | 48 | * | - | |
| | Valencia ... | 30.09 | 54 | SSE | 4 | c | 30.01 | -14 | 53 | 51 | +4 | SSE | 7 | o | 5 | c | 56 | 48 | 3.0 | 0.01 | |
| | Roche's Point ... | 30.17 | 55 | SSE | 4 | fd | 30.16 | -02 | 52 | 50 | +8 | S | 5 | c | 5 | o, fd | 55 | 43 | * | 0.02 | |
| | Parsonstown ... | 30.16 | 52 | S | 2 | o | 30.14 | -06 | 48 | 46 | +13 | SE | 4 | bcq | * | b, o | 54 | 35 | 4.6 | - | |
| | Donaghadee ... | 30.22 | 52 | SE | 3 | + | 30.23 | -02 | 50 | 49 | +10 | SSW | 3 | c | 3 | - | 53 | 38 | * | 0.04 | |
| Liverpool Obsy. ... | 30.31 | 52 | SE | 2 | o | 30.33 | +05 | 49 | 48 | o | SE | 2 | o | ? | omif, o | 53 | 48 | * | - | | |
| Holyhead ... | 30.25 | 53 | S | 4 | fdp | 30.28 | +05 | 47 | 47 | -2 | E | 1 | bm | 1 | +, fdp | 54 | 46 | * | 0.02 | | |
| Pembroke (St. Ann's) | 30.26 | 54 | S | 4 | o | 30.23 | +05 | 50 | 47 | -4 | SE | 6 | c | 4 | - | 55 | 49 | 0.3 | 0.02 | | |
| GERMANY, &c. | Scilly (St. Mary's)... | 30.22 | 54 | S | 4 | c | 30.14 | -02 | 53 | 50 | -1 | ESE | 5 | c | 5 | c | 58 | 49 | 5.5 | - | |
| | Jersey (St. Aubins)... | 30.32 | 50 | Z | o | bm | 30.28 | -04 | 45 | 44 | +4 | E | 5 | bm | 4 | b, bm | 56 | 40 | 8.0 | 0.01 | |
| | Portland Bill ... | 30.34 | 51 | SE | 3 | c | 30.29 | -01 | 50 | 47 | -3 | ESE | 4 | o | 2 | c | 57 | 47 | * | - | |
| | Dungeness ... | 30.37 | 46 | N | 1 | b | 30.35 | +01 | 45 | 45 | -5 | E | 2 | c | 1 | bc, b, w | 52 | 41 | * | - | |
| | Wick ... | 30.23 | 47 | NW | 2 | bc | 30.19 | +04 | 50 | 49 | +7 | S | 3 | bc | 2 | - | 50 | 40 | * | - | |
| | Nairn ... | 30.25 | 41 | Z | o | b | 30.19 | +01 | 53 | 51 | +14 | S | 1 | bc | 1 | - | 53 | 33 | * | - | |
| | Aberdeen ... | 30.33 | 46 | SSE | 2 | b | 30.32 | +11 | 50 | 49 | +9 | S | 2 | om | 2 | b | 51 | 41 | 5.5 | - | |
| | Leith ... | 30.28 | 45 | SE | 1 | b | 30.28 | +03 | 52 | 50 | +11 | Z | o | bm | * | - | 54 | 39 | * | - | |
| North Shields ... | 30.29 | 49 | S | 2 | c | 30.36 | +07 | 51 | 50 | +7 | SE | 2 | of | 2 | c | 51 | 44 | * | - | | |
| FRANCE. | Spurn Head ... | 30.35 | 49 | NE | 2 | c | 30.39 | +12 | 48 | 48 | o | ? | 1 | o | 2 | - | 53 | 47 | * | - | |
| | Yarmouth ... | 30.33 | 51 | NNE | 1 | bc | 30.37 | +09 | 50 | 48 | +5 | E | 3 | c | 3 | b, bc | 51 | 44 | * | - | |
| | Loughborough ... | 30.35 | 52 | SE | 1 | o | 30.38 | +08 | 46 | 46 | -2 | E | 2 | cmw | * | om, cm | 54 | 46 | * | - | |
| | Oxford ... | 30.39 | 50 | SSE | 1 | c | 30.37 | +05 | 44 | 43 | -4 | E | 2 | o | * | c | 56 | 42 | * | - | |
| | London (Brixton) ... | 30.36 | 51 | SSW | 1 | om | 30.37 | +05 | 43 | 42 | -1 | E | 1 | ogm | * | c, ogm | 55 | 42 | 0.0 | - | |
| | The Scaw (Skagen) ... | 30.39 | 47 | NNW | 1 | f | 30.57 | +32 | 45 | 45 | o | ESE | 3 | c | 1 | - | 48 | 43 | * | - | |
| | Fanö ... | 30.44 | 47 | SSW | 1 | f | 30.53 | +22 | 44 | 44 | +2 | SE | 2 | f | * | - | 50 | 41 | * | - | |
| | Cuxhaven ... | 30.44 | 44 | Z | o | f | 30.49 | +15 | 41 | 41 | -2 | ESE | 3 | o | * | - | 45 | 41 | * | - | |
| The Helder ... | 30.38 | 45 | SSW | 1 | f | 30.40 | +10 | 44 | 44 | +1 | ESE | 2 | o | 2 | - | 50 | 43 | * | - | | |
| SPAIN, &c. | Brussels ... | 30.45 | 35 | SE | 1 | b | 30.39 | +02 | 39 | 39 | -1 | NE | 2 | f | * | - | 43 | 37 | * | - | |
| | Berlin ... | 30.45 | 35 | SE | 1 | b | 30.53 | +18 | 29 | 28 | -3 | NE | 2 | f | * | - | 39 | 28 | * | - | |
| | Frankfurt ... | 30.40 | 43 | E | 2 | o | 30.38 | +02 | 40 | 37 | -1 | E | 2 | o | * | - | 45 | 37 | * | - | |
| | Munich ... | 30.37 | 34 | SE | 2 | o | 30.30 | -04 | 32 | 32 | -1 | SE | 4 | o | * | - | 34 | 30 | * | - | |
| | C. Gris Nez ... | 30.37 | 42 | SE | 2 | m | 30.35 | +03 | 39 | 38 | +1 | E | 2 | f | 1 | - | 46 | 37 | * | - | |
| | Brest ... | 30.28 | 48 | NE | 1 | b | 30.23 | -04 | 42 | 42 | -8 | ?NE | 3 | c | 3 | - | 57 | 41 | * | - | |
| | Lorient ... | 30.26 | 52 | E | 2 | b | 30.23 | -04 | 41 | 40 | -7 | E | 3 | m | 5 | - | 61 | 39 | * | - | |
| | Rochefort ... | 30.21 | 54 | NE | 3 | o | 30.16 | -05 | 47 | 46 | -3 | E | 4 | o | * | o | 59 | 45 | * | - | |
| Biarritz ... | 30.21 | 58 | S | 1 | b | 30.14 | -05 | 50 | 50 | -5 | Z | o | 7 | 4 | - | 61 | 48 | * | - | | |
| SPAN. PEN. | Paris ... | 30.36 | 46 | E | 3 | o | 30.30 | -03 | 35 | 35 | -7 | NE | 3 | o | * | - | 49 | 33 | * | - | |
| | Belfort ... | 30.32 | 34 | ENE | 6 | f | 30.26 | -06 | 33 | 31 | o | ENE | 7 | m | * | - | 36 | 33 | * | - | |
| | Lyons ... | 30.32 | 37 | N | 1 | o | 30.28 | -05 | 36 | 36 | +1 | ENE | 1 | f | * | - | 39 | 35 | * | 0.04 | |
| | Nice ... | 30.17 | 51 | S | 1 | c | 30.18 | -01 | 43 | 42 | -3 | E | 1 | b | 2 | - | 59 | 41 | * | - | |
| | Perpignan ... | 30.19 | 51 | Z | o | b | 30.17 | -02 | 48 | 47 | -5 | Z | o | o | * | - | 60 | 41 | * | - | |
| | Corunna ... | 30.09 | 59 | NNW | 3 | b | 30.12 | +04 | 56 | 53 | -2 | NE | 8 | b | * | - | 66 | 54 | * | - | |
| | Lisbon ... | 29.88 | 66 | SW | 8 | m | 29.98 | -01 | 58 | 53 | -8 | N | 5 | o | 4 | - | 68 | 55 | * | 0.20 | |
| | Azores (P. Delgada) | 29.88 | 66 | SW | 8 | m | 29.98 | -01 | 58 | 53 | -8 | N | 5 | o | 4 | - | 68 | 55 | * | 0.20 | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Saturday 15th November, 1902.*

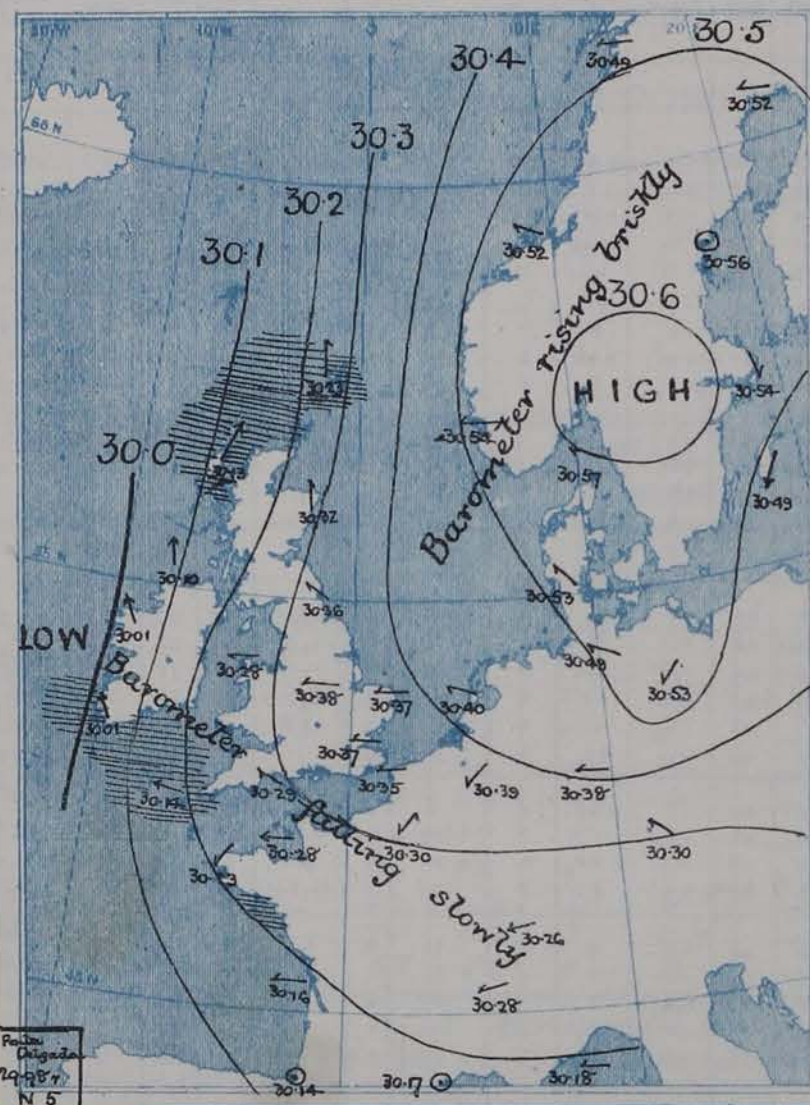
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough  High 

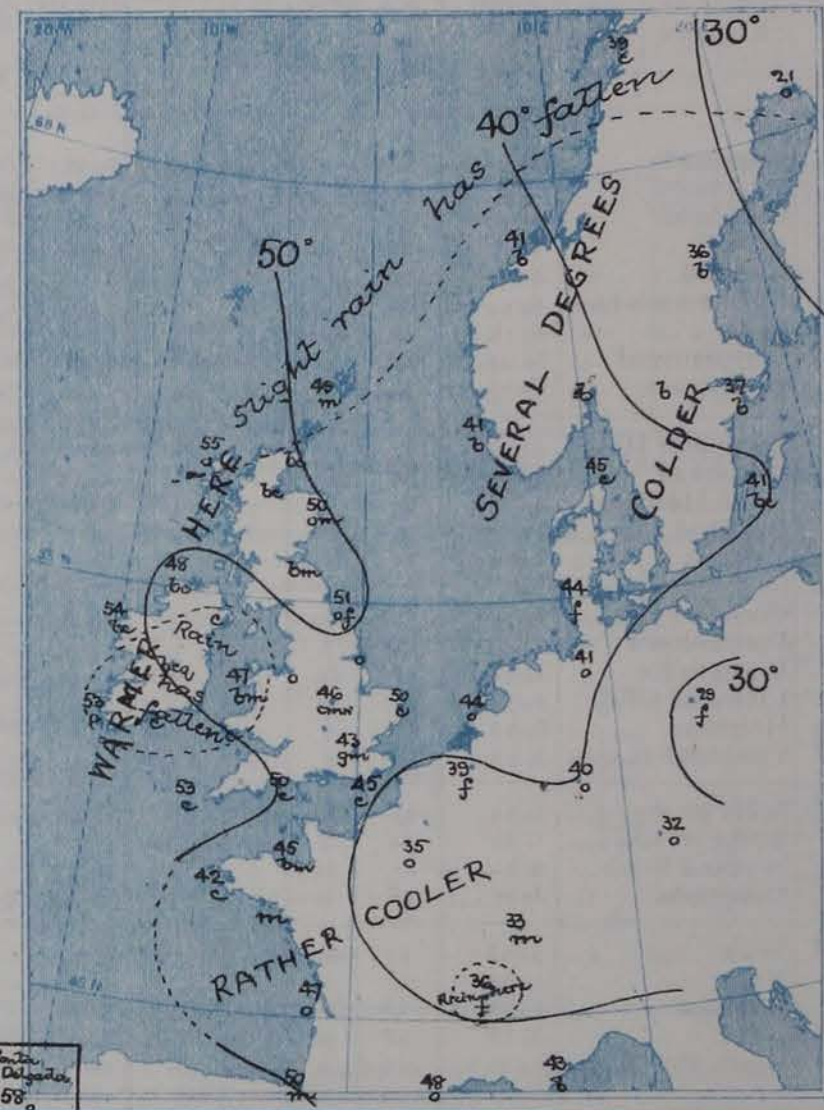


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus — 0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for NOVEMBER.

Specimen { Average No of } 1.4
(for Stornaway) { Hours daily }
{ Total Possible } 7.7



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

NOVEMBER. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday the barometer has risen decidedly over Scandinavia, the Baltic and the North Sea, but has fallen over Ireland and France, and readings now vary from 30.67 in. at Karlsstad to 30.01 in. in the west of Ireland and 30.14 in. at Biarritz.

WIND

TEMPERATURE

WEATHER

AND

SEA

Calm and anticyclonic air prevail over Scandinavia and the North Sea and light E^{ly} air over the greater part of England, but strong S^{ly} and S.E^{ly} winds have set in along our western coasts, and E^{ly} winds are increasing in force over France. Temperature has risen fast over Scotland and Ireland, where it exceeds 50° in most places and is high for the time of year. In England it has changed but little, but is nevertheless slightly in excess of the average. The weather is clear in Sweden and Norway, foggy over Germany and the eastern parts of France, cloudy, hazy and gloomy over England, and cloudy and rather squally on our western coasts. The sea is rough in the west and north-west.

During yesterday the maximum temperatures were again high over our Islands (58° at Blacksod Point and Scilly). Slight showers have fallen at some of our western and northern stations, and of bright sunshine there has been very little over this country generally, but a great deal on our south-west coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There apparently some new disturbances over the Atlantic not far from our extreme western coasts, but they appear to be encroaching very slowly, and our eastern coasts are not threatened at present.

FORECASTS *

For the 24 hours ending at NOON on 16th November, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

S.E^{ly} winds, increasing; rain at times.

S.E^{ly} and E^{ly} winds, moderate; dull, misty, cold.

DISTRICTS.



FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

S^{ly} or S.E^{ly} winds, increasing in force; dull, rainy.

WARNINGS

At 10 a.m. to-day to districts 9 and 10, "Hoist South Cone."

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|-----------|---------|-------|----------|----------------|----------|-------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. ° | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | cw | * | c | 51 | 47 | 1.3 | - |
| Newton Reigny (Penrith) | 30.28 | 47 | 20 | 0 | 30.30 | +0.03 | 49 | 48 | +14 | SE 1 | m | * | cnd | 50 | 34 | 2.0 | 0.01 |
| Bath | 30.34 | 49 | W 1 | 0 | 30.34 | +0.04 | 44 | 43 | -4 | W 1 | bc | * | - | 58 | 42 | 3.0 | - |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. |
|-----------------------------|--------------|------|----------|-----------|-----------|------------------------|--------------|------|----------|-----------|-----------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 52 | 42 | m, o, f | 0.0 | 0.02 | Worthing | * | * | * | 2.3 | * |
| Birmingham, 9 p.m. ... | 55 | 49 | 0 | 0.0 | - | Llandudno | * | * | * | 0.0 | * |
| Lowestoft, up to 6 p.m. ... | 52 | 42 | c | 0.2 | - | Rhyl | * | * | * | 1.2 | * |
| Hastings | * | * | * | 0.6 | * | Southport, 9 p.m. ... | 52 | 44 | ogd | 0.0 | 0.05 |
| Eastbourne | * | * | * | 1.7 | * | Manchester, 9 p.m. ... | 55 | 47 | c, b | 0.0 | 0.06 |
| Brighton | * | * | * | 1.3 | * | Darwen, 9 p.m. ... | 50 | 42 | om | 0.0 | 0.10 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. at 1 p.m. | WEATHER. | RAIN. (measured at 7 a.m.) |
|--------------------------|-----------------|------|----------|-------|-----------------|------------------------------|----------|----------------------------------|
| | Max. | Min. | | | | | | |
| 14. XI. 02 | | | | | 13. XI. 02 | | | |
| Marseilles | 64 | 45 | o b | Ins. | Geneva | 41 | m. | Ins. |
| Utrecht | 52 | 41 | m m | 0.08 | Berne | 34 | m | - |
| Copenhagen | 46 | 41 | b m | - | Lucerne | 39 | m | - |
| Prague | 43 | 30 | m m | - | Lausanne | 41 | m | - |
| Vienna | 46 | 32 | b f | - | Lugano | 54 | b | - |
| Buda-Pesth | 39 | 34 | o b | 0.16 | Locarno | 54 | b | - |
| St. Petersburg | 60 | 44 | c c | - | | | | |
| Rome | 67 | 64 | ? c | - | | | | |
| Malta | | | | | | | | |
| Madeira (Funchal) | | | | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

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| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark, Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 15. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 7.16 | 11.38 | 4.0 |
| Greenwich | 7.20 | 11.45 | 4.10 |
| Wick | 8.3 | 11.57 | 3.51 |
| Valencia | 8.3 | 12.26 | 4.49 |

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

Sunday 16th November

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS | | YESTERDAY EVENING. (See note on last page.) | | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | | |
|---------------------|---------------------------|--|--------------|--------|---------------------|----------|---------------------------------|---|--------------|--------------|------------------------------------|--------|---------------------|----------|------|------------------|----------|----------------|------|-------------------------|-------------------|------|---|
| | | BAROM. | | TEMP. | | WIND. | | BAROMETER. | | TEMPERATURE. | | | | WIND. | | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine. Hours | Rainfall. Ins. | | |
| | | At 92° and M.S.L. | Dry Bulb. | Direc. | Force (0 to 12.) | Weather. | At 89° Fabr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | Weather. | Max. | | | Min. | | | | | |
| | | | | | | | | | | | | | | | | | | | Ins. | | | Ins. | ° |
| SCANDINAVIA. | Haparanda ... | 30.78 | 22 | SE | 2 | o | 30.79 | +27 | 26 | 26 | +5 | SSW | 2 | s | * | - | 27 | 19 | * | - | | | |
| | Hernösand ... | 30.78 | 31 | Z | 0 | o | 30.82 | +26 | 32 | 31 | -4 | Z | 0 | f | * | - | 39 | 28 | * | - | | | |
| | Stockholm ... | 30.43 | 38 | NNE | 2 | o | 30.77 | +23 | 34 | 32 | -3 | Z | 0 | c | * | - | 43 | 32 | * | - | | | |
| | Wisby ... | 30.61 | 41 | NE | 4 | bc | 30.71 | +22 | 32 | 30 | -9 | NE | 4 | c | * | - | 46 | 32 | * | - | | | |
| | Karlstad ... | 30.71 | 33 | NE | 2 | b | 30.76 | +09 | 33 | 32 | 0 | NE | 2 | o | * | - | * | * | * | - | | | |
| | Færder (X'ania Fjord) ... | 30.71 | 39 | N | 2 | b | 30.74 | +11 | 36 | 34 | -4 | NE | 2 | b | 1 | - | 41 | 36 | * | - | | | |
| | Bodö ... | 30.32 | 40 | E | 4 | b | 30.57 | +08 | 42 | 37 | +3 | E | 2 | bc | 1 | - | 42 | 36 | * | - | | | |
| | Christiansund ... | 30.56 | 42 | ESE | 1 | b | 30.58 | +06 | 36 | 33 | -5 | E | 1 | b | 4 | - | 46 | 34 | * | - | | | |
| | Skudesnaes ... | 30.61 | 46 | SSE | 2 | b | 30.60 | +06 | 44 | 41 | +3 | SSE | 6 | m | 4 | - | 46 | 39 | * | - | | | |
| | BRITISH ISLANDS. | Sumburgh Head ... | 30.28 | 49 | S | 6 | o | 30.21 | -02 | 46 | 43 | -3 | S | 6 | o | 7 | m, o | 50 | 46 | * | - | | |
| Stornoway ... | | 30.07 | 53 | S | 4 | b | 30.00 | -13 | 51 | 48 | -4 | SW | 6 | ou | 6 | bc, b | 58 | 48 | 5.8 | - | | | |
| Malin Head ... | | 30.00 | 48 | S | 7 | b | 30.06 | -04 | 46 | 45 | -2 | SSE | 6 | om | 3 | b | 53 | 46 | * | - | | | |
| Blacksod Pt. ... | | 29.89 | 52 | SSE | 6 | bc | 30.04 | +03 | 50 | 48 | -4 | NW | 3 | o | 3 | b, bc | 54 | 49 | * | 0.10 | | | |
| Valencia ... | | 29.92 | 54 | SE | 7 | og | 30.01 | 00 | 51 | 50 | -2 | Z | 0 | o | 4 | o, og | 55 | 50 | 0.0 | 0.61 | | | |
| Roche's Point ... | | 30.07 | 52 | SSE | 7 | o | 30.04 | -12 | 51 | 51 | -1 | SSE | 6 | ogmt | 6 | c, o | 54 | 50 | * | 0.19 | | | |
| Parsonstown ... | | 30.06 | 48 | SE | 5 | bcy | 30.06 | -08 | 47 | 46 | -1 | SE | 1 | ot | * | bcy | 54 | 47 | 6.5 | 0.11 | | | |
| Donaghadee ... | | 30.19 | 52 | SW | 3 | bc | 30.08 | -15 | 49 | 45 | -1 | SSE | 3 | o | 2 | - | 53 | 45 | * | - | | | |
| Liverpool Obsy. ... | | 30.28 | 46 | SE | 3 | o | 30.26 | -07 | 43 | 40 | -6 | SE | 3 | o | 7 | o | 52 | 43 | * | - | | | |
| Holyhead ... | | 30.20 | 50 | S | 2 | b | 30.20 | -08 | 44 | 42 | -3 | SE | 2 | om | 1 | bc, b | 55 | 41 | * | - | | | |
| GERMANY, &c. | Pembroke (St. Ann's) ... | 30.14 | 50 | SE | 5 | c | 30.13 | -10 | 50 | 47 | 0 | SE | 4 | oggm | 5 | - | 52 | 46 | 2.1 | - | | | |
| | Scilly (St. Mary's) ... | 30.10 | 49 | ESE | 7 | c | 30.09 | -05 | 50 | 47 | -3 | SE | 5 | o | 5 | c | 54 | 46 | 4.8 | - | | | |
| | Jersey (St. Aubins) ... | 30.19 | 47 | ESE | 4 | ogm | 30.22 | -06 | 43 | 41 | -2 | E | 3 | om | 3 | bc, ogm | 48 | 42 | 5.3 | - | | | |
| | Portland Bill ... | 30.21 | 48 | ESE | 5 | o | 30.21 | -08 | 47 | 44 | -3 | ESE | 4 | om | 3 | c, o | 53 | 44 | * | - | | | |
| | Dungeness ... | 30.27 | 46 | ESE | 4 | o | 30.25 | -10 | 43 | 42 | -2 | ESE | 4 | mg | 2 | o | 49 | 40 | * | - | | | |
| | Wick ... | 30.12 | 50 | SE | 6 | bc | 30.12 | -07 | 48 | 45 | -2 | SE | 7 | bcu | 3 | - | 54 | 45 | * | - | | | |
| | Nairn ... | 30.18 | 51 | W | 1 | b | 30.13 | -06 | 47 | 43 | -6 | WSW | 4 | bc | 2 | - | 60 | 42 | * | - | | | |
| | Aberdeen ... | 30.32 | 49 | SSE | 3 | c | 30.28 | -04 | 46 | 43 | -4 | SSE | 3 | og | 5 | o, c | 51 | 46 | 0.0 | - | | | |
| | Leith ... | 30.26 | 51 | E | 1 | b | 30.26 | -02 | 40 | 38 | -12 | ESE | 1 | b | * | - | 57 | 39 | * | - | | | |
| | North Shields ... | 30.30 | 50 | SSE | 2 | c | 30.30 | -06 | 45 | 43 | -6 | S | 2 | o | 2 | c | 52 | 44 | * | - | | | |
| FRANCE. | Spurn Head ... | 30.31 | 49 | ESE | 4 | o | 30.31 | -08 | 46 | 44 | -2 | ESE | 5 | c | 4 | - | 52 | 43 | * | - | | | |
| | Yarmouth ... | 30.31 | 47 | E | 5 | c | 30.30 | -07 | 45 | 43 | -5 | ESE | 4 | cg | 4 | c | 50 | 41 | * | - | | | |
| | Loughborough ... | 30.31 | 48 | SE | 2 | o | 30.30 | -08 | 41 | 40 | -5 | ESE | 1 | om | * | omgm, o | 50 | 41 | * | - | | | |
| | Oxford ... | 30.28 | 46 | E | 3 | o | 30.28 | -09 | 41 | 39 | -3 | SE | 1 | o | * | o | 48 | 41 | * | - | | | |
| | London (Brixton) ... | 30.29 | 47 | ENE | 3 | o | 30.26 | -11 | 42 | 39 | -1 | ENE | 2 | b | * | ofg, o | 49 | 41 | 0.6 | - | | | |
| | The Scaw (Skagen) ... | 30.67 | 42 | ESE | 3 | b | 30.67 | +10 | 42 | 41 | -3 | SE | 3 | b | 1 | - | 48 | 41 | * | - | | | |
| | Fanö ... | 30.57 | 42 | E | 4 | c | 30.58 | +05 | 40 | 39 | -4 | E | 2 | o | * | - | 46 | 39 | * | - | | | |
| | Cuxhaven ... | 30.52 | 43 | ESE | 3 | o | 30.52 | +03 | 41 | 38 | 0 | ESE | 4 | o | * | - | 45 | 37 | * | - | | | |
| | The Helder ... | 30.36 | 38 | ESE | 4 | o | 30.35 | -05 | 41 | 39 | -3 | SE | 4 | o | 3 | - | 45 | 37 | * | - | | | |
| | Brussels ... | " | " | " | " | " | 30.32 | -07 | 30 | 30 | -9 | ENE | 1 | f | * | - | 43 | 28 | * | - | | | |
| SPAN. PEN. | Berlin ... | 30.50 | 37 | NE | 1 | o | 30.50 | -03 | 34 | 32 | +5 | NNE | 2 | b | * | - | 37 | 28 | * | - | | | |
| | Frankfurt ... | 30.32 | 34 | NE | 2 | b | 30.34 | -04 | 32 | 30 | -8 | NE | 2 | b | * | - | 43 | 30 | * | - | | | |
| | Munich ... | 30.25 | 31 | SW | 4 | 7 | 30.26 | -04 | 25 | 25 | -7 | SE | 4 | f | * | - | 36 | 25 | * | - | | | |
| | C. Gris Nez ... | 30.59 | 41 | ENE | 3 | o | 30.27 | -08 | 36 | 35 | -3 | E | 3 | m | 2 | - | 46 | 34 | * | - | | | |
| | Brest ... | 30.17 | 40 | SE | 1 | o | 30.15 | -08 | 45 | 44 | +3 | ESE | 2 | c | 3 | - | 54 | 39 | * | - | | | |
| | Lorient ... | 30.17 | 43 | E | 2 | m | 30.17 | -06 | 41 | 41 | 0 | E | 3 | o | 3 | - | 46 | 39 | * | - | | | |
| | Rochefort ... | 30.12 | 48 | ENE | 3 | o | 30.15 | -01 | 45 | 44 | -2 | ENE | 3 | o | * | o | 50 | 41 | * | - | | | |
| | Biarritz ... | 30.14 | 53 | NE | 3 | m | 30.17 | +03 | 54 | 53 | +4 | Z | 0 | o | 3 | - | 57 | 50 | * | - | | | |
| | Paris ... | 30.26 | 35 | SE | 3 | b | 30.24 | -06 | 37 | 32 | +2 | ENE | 3 | o | * | - | 45 | 34 | * | - | | | |
| | Belfort ... | 30.25 | 34 | ENE | 6 | m | 30.21 | -05 | 33 | 32 | 0 | ENE | 3 | m | * | - | 36 | 32 | * | - | | | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Sunday 16th November, 1902.

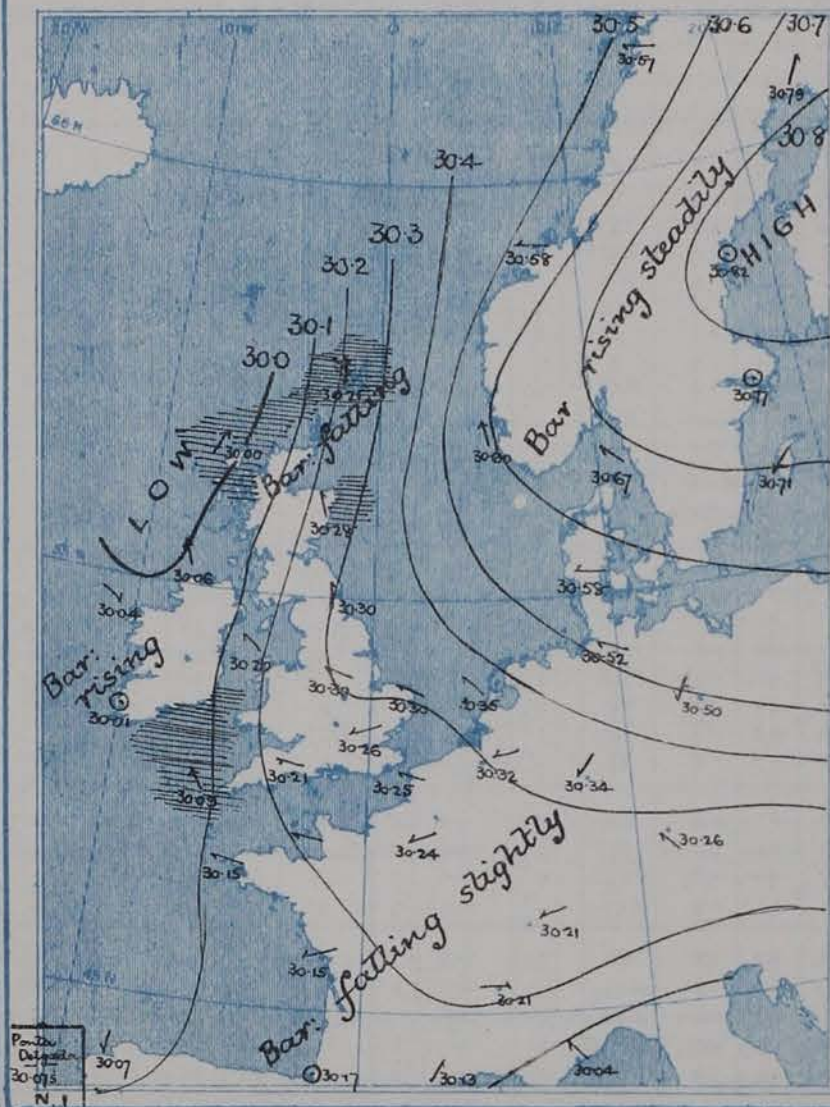
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough High

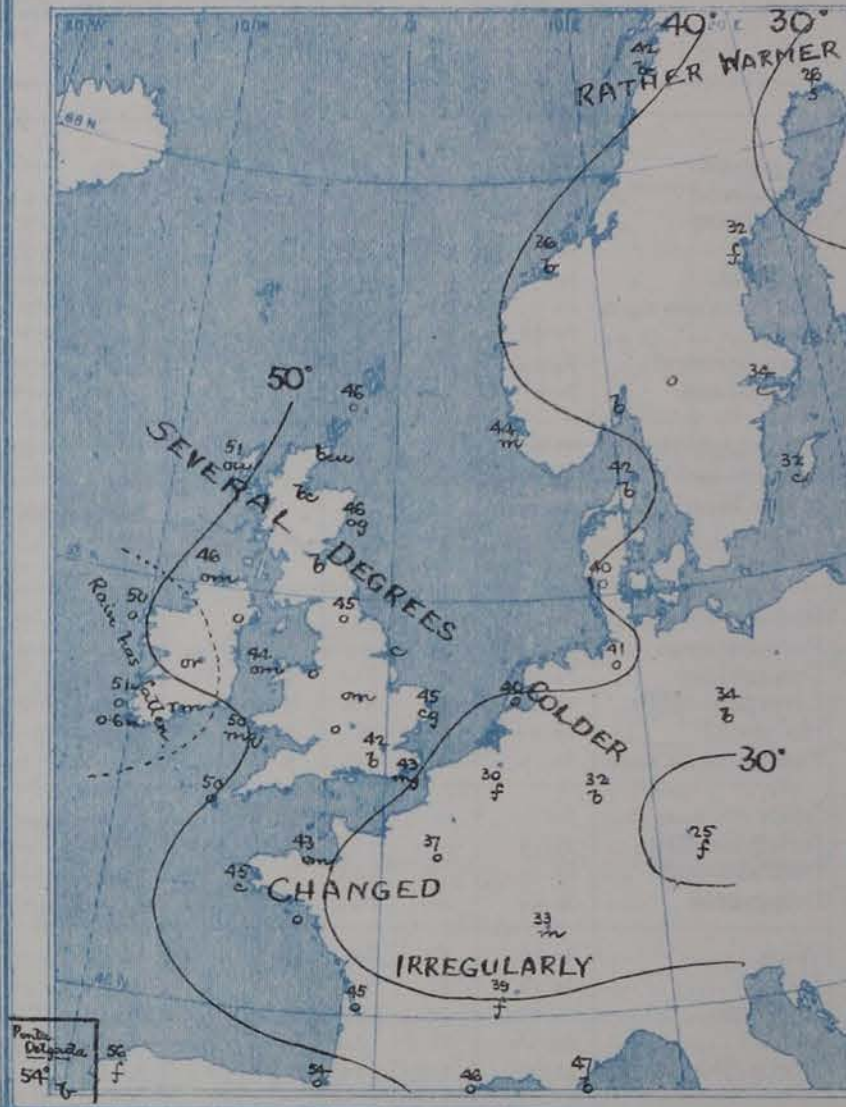


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus —0.6

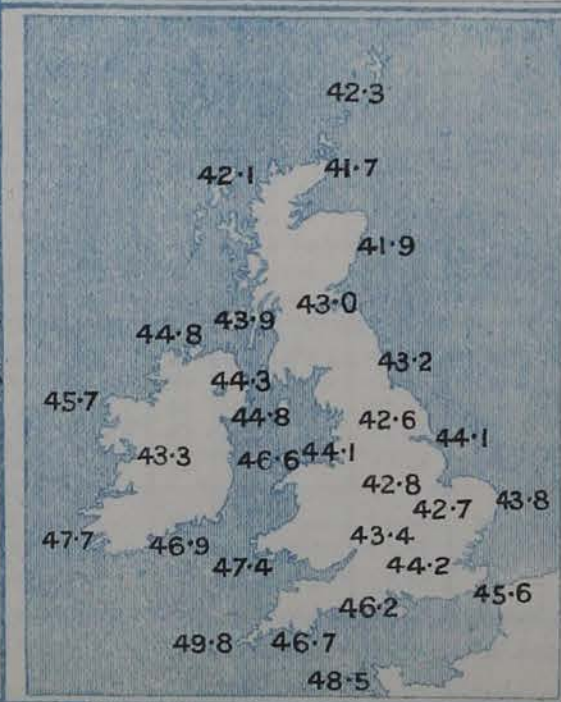


III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE at 8 A.M. for the monthly period NOVEMBER. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is highest, 30.8 in. and upwards, over the Gulf of Bothnia but is high, 30.2 in. and upwards, in an anticyclone covering the whole of Northern and Central Europe and extending westward over England and the east of Scotland and the eastern and central parts of France. The lowest pressures, 30.0 in. and less, are found in a shallow "V" shaped cyclonic area lying off the west of Scotland. A slight fall of the barometer is reported in the north of Scotland and also in the east and south of France but in most other parts of our area the mercury is rising.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind circulates round the region of highest pressure, being E^y or NE^y over the southeast of England and the western and central parts of the Continent but SE^y or S^y in all the more western and northern parts of the United Kingdom and strong in force over our extreme northern and northwestern coasts. Over the Gulf of Bothnia calms and light SW^y airs are reported.

Temperature has fallen at all but the French stations and is below the average over the central parts of England, as well as on the Continent; frost prevails in several parts of Sweden, Germany and the Netherlands, the lowest readings reported being 25° at Munich and 26° at Haparanda. In the west and north of our Islands the readings are still above the average the thermometer being about 45° in most places and slightly above 50° on the south coasts of Ireland and also in the Hebrides.

The weather is cloudy or dull over western Europe as a whole, with fog or mist in several isolated places, rain in the south of Ireland and snow at Haparanda. In the east of Scotland and the west of Norway, as well as in Germany the weather is at present fine. The sea is high off the north of Scotland and rough or rather so on our southwestern coasts but moderate or slightly calmer.

During yesterday the thermometer rose to 55° and upwards at several of our northern stations and to 60° at Narvik; in the south of England and even in the Channel Islands it did not reach 50°. Scarcely any bright sunshine was recorded in the south, but at many of our western and northern stations the amount was large, — as much as 6.5 hours at Patrington. Rain fell in the west and south of Ireland, — rather heavily at Valencia.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 17th NOV. 1902

DISTRICTS.

FORECASTS.

- 0 $\overline{\pi}$ SCOTLAND NORTH
- 1 $\overline{\pi}$ SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

None

issued

DISTRICTS.

FORECASTS.

- 6 $\overline{\pi}$ SCOTLAND WEST
- 7 $\overline{\pi}$ ENGLAND N.W.
- 8 $\overline{\pi}$ ENGLAND S.W.
- 9 $\overline{\pi}$ IRELAND NORTH
- 10 $\overline{\pi}$ IRELAND SOUTH

None issued

WARNINGS

At 7 pm. yesterday to Dists. 0, 1, 6, 7 and 8, "Hoist South Cone". The signals are still flying in Districts 9 and 10.

Note.—The South Cone, point downwards ($\overline{\pi}$), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (π), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|------|----------------|--------------|------|------------------------|------------------|---|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. | |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. | Min. | | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | o.c. | 49 | 43 | 0.0 | - |
| Newton Reigny (Penrith) | | | | | | | | | | | | | | | | | | |
| Bath | 30.20 | 49 | NE 1 | o | 30.25 | -0.9 | 43 | 40 | -1 | E 2 | C | * | - | 49 | 42 | 0.0 | - | |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | | | | | | Worthing | * | * | * | 0.6 | * |
| Birmingham, 9 p.m. ... | 50 | 44 | o | 0.4 | - | Llandudno | * | * | * | 5.5 | * |
| Lowestoft, up to 6 p.m. ... | | | | | | Rhyl | * | * | * | | * |
| Hastings | * | * | * | | * | Southport, 9 p.m. ... | 54 | 48 | o.c. o | 1.8 | - |
| Eastbourne | * | * | * | | * | Manchester, 9 p.m. ... | 55 | 48 | c. b | 1.5 | - |
| Brighton | * | * | * | | * | Darwen, 9 p.m. ... | | | | | |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. 15. XI. 02. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. 14. XI. 02 | TEMPERATURE, F. at 1 p.m. | | WEATHER. | RAIN. (measured at 7 a.m.) |
|--------------------------|-----------------|------|----------|-------|-------------------------|------------------------------|-----|----------|----------------------------------|
| | Max. | Min. | | | | | | | |
| Marseilles | 63 | 41 | o, b | Ins. | Geneva | 41 | o | - | Ins. |
| Utrecht | 43 | 41 | f. o | - | Berne | 34 | f | - | - |
| Copenhagen | 45 | 41 | f. f | - | Lucerne | 39 | m | - | - |
| Prague | 37 | 28 | o, f | - | Lausanne | Not recd. | | - | - |
| Vienna | 43 | 30 | b. f | - | Lugano | 52 | b c | - | - |
| Buda-Pesth | 43 | 32 | b. f | - | Locarno | 50 | b | - | - |
| St. Petersburg | 39 | 25 | o, o | - | | | | | |
| Rome | 60 | 40 | b. b | - | | | | | |
| Malta | 66 | 63 | o | - | | | | | |
| Madeira (Funchal) ... | 70 | 54 | o, o | - | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

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| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

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| 16. XI. 1903. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 7.17 | 11.38 | 3.59 |
| Greenwich | 7.21 | 11.45 | 4.9 |
| Wick | 8.5 | 11.57 | 3.49 |
| Valencia | 8.4 | 12.26 | 4.48 |

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on *Monday, 17th NOVEMBER* 1902

Issued by the Meteorological Office, 63, Victoria Street, London. *W. N. SHAW, Secretary.*

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|------------------|---------------------------|--|--------------|--------|---------------------|----------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|----------|------------------|-----------|----------------|------|-----------------------------|-----------------------|------|
| | | BAROM. | | TEMP. | | WIND. | BAROMETER. | | TEMPERATURE. | | | | WIND. | | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine. Hours | Rainfall. Ins. | |
| | | At 32° and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | Weather. | At 39° Fahr. and M.S.L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | Weather. | | | Max. | Min. | | | |
| | | | | | | | | | | | | | | | | | | | | | Ins. |
| SCANDINAVIA. | Haparanda ... | 30.65 | 31 | S | 2 | 0 | 30.56 | -23 | 30 | 29 | +44 | W | 4 | 0 | * | - | 32 | 16 | * | - | |
| | Hernösand ... | 30.80 | 31 | SW | 1 | 0 | 30.80 | -02 | 30 | 27 | -2 | SW | 2 | 0 | * | - | 34 | 30 | * | - | |
| | Stockholm ... | 30.87 | 32 | Z | 0 | 3 | 30.92 | +15 | 30 | 28 | -4 | Z | 0 | f | * | - | 37 | 28 | * | - | |
| | Wisby ... | 30.79 | 28 | NE | 2 | 3 | 30.89 | +18 | 26 | 24 | -6 | Z | 0 | b | * | - | 41 | 23 | * | - | |
| | Karlstad ... | 30.85 | 34 | NE | 2 | 0 | 30.91 | +25 | 30 | 28 | -3 | N | 2 | b | * | - | 36 | 34 | * | - | |
| | Færder (X'ania Fjord) ... | 30.79 | 36 | ENE | 1 | 0 | 30.86 | +12 | 35 | 32 | -1 | E | 2 | c | 1 | - | 36 | 34 | * | - | |
| | Bodö ... | 30.52 | 36 | E | 2 | 3 | 30.47 | -10 | 45 | 41 | +3 | SSW | 6 | 0 | 4 | - | 345 | 35 | * | - | |
| | Christiansund ... | 30.58 | 38 | ESE | 1 | 3 | 30.70 | +12 | 37 | 35 | +1 | ESE | 1 | b | 3 | - | 41 | 34 | * | - | |
| | Skudesnaes ... | 30.64 | 42 | S | 6 | 3 | 30.73 | +13 | 39 | 35 | +5 | SSE | 6 | b | 4 | - | 46 | 39 | * | - | |
| | Sumburgh Head ... | 30.28 | 47 | S | 7 | 0 | 30.45 | +24 | 47 | 44 | +1 | S | 4 | 0 | 6 | 0 | 48 | 46 | * | 0.02 | |
| BRITISH ISLANDS. | Stornoway ... | 30.22 | 48 | SW | 4 | + | 30.33 | +33 | 45 | 45 | -6 | Z | 0 | 0 | 0 | 0 | 51 | 44 | 0.0 | 0.22 | |
| | Malin Head ... | 30.16 | 45 | S | 4 | om+ | 30.23 | +17 | 43 | 41 | -3 | SE | 5 | om | 3 | 0 | 48 | 41 | * | 0.07 | |
| | Blacksod Pt. ... | 30.13 | 50 | NNE | 4 | C | 30.09 | +05 | 48 | 46 | -2 | SE | 5 | + | 5 | + | 50 | 48 | * | 0.16 | |
| | Valencia ... | 30.06 | 52 | E | 2 | 0 | 30.03 | +02 | 50 | 48 | -1 | ESE | 6 | og | 5 | 0 | 53 | 49 | 0.0 | 0.18 | |
| | Roche's Point ... | 30.09 | 52 | S | 5 | 0 | 30.12 | +08 | 50 | 48 | -1 | SSE | 6 | og | 6 | mot | 54 | 50 | * | 0.68 | |
| | Parsonstown ... | 30.15 | 49 | SE | 2 | + | 30.18 | +12 | 45 | 42 | -2 | ESE | 3 | 0 | * | + | 49 | 44 | 0.0 | 0.42 | |
| | Donaghadee ... | 30.23 | 48 | S | 4 | 0 | 30.29 | +21 | 46 | 43 | -3 | SW | 4 | 0 | 4 | - | 53 | 43 | * | - | |
| | Liverpool Obsy. ... | 30.30 | 42 | SE | 2 | 0 | 30.35 | +09 | 39 | 37 | -4 | SE | 4 | b | ? | om | 44 | 39 | * | - | |
| | Holyhead ... | 30.23 | 44 | SE | 1 | om | 30.29 | +09 | 38 | 37 | -6 | SE | 1 | C | 0 | 0 | 46 | 36 | * | - | |
| | Pembroke (St. Ann's) ... | 30.19 | 48 | SE | 4 | C | 30.22 | +09 | 45 | 42 | -5 | ESE | 6 | og | 5 | cg | 52 | 44 | 0.2 | - | |
| GERMANY, &c. | Scilly (St. Mary's) ... | 30.11 | 50 | ESE | 6 | 0 | 30.12 | +03 | 50 | 48 | 0 | ESE | 6 | 0 | 5 | 0 | 53 | 47 | 0.0 | - | |
| | Jersey (St. Aubins) ... | 30.22 | 40 | ESE | 3 | om | 30.24 | +02 | 39 | 37 | -4 | E | 4 | cm | 3 | om | 44 | 38 | 0.0 | - | |
| | Portland Bill ... | 30.23 | 44 | ENE | 3 | 0 | 30.25 | +04 | 41 | 39 | -6 | ENE | 4 | cm | 3 | om | 47 | 39 | * | - | |
| | Dungeness ... | 30.25 | 42 | E | 4 | 0 | 30.29 | +04 | 40 | 39 | -3 | E | 5 | b | 2 | m, o | 45 | 39 | * | - | |
| | Wick ... | 30.27 | 46 | SE | 4 | C | 30.37 | +25 | 48 | 47 | 0 | SE | 5 | 0 | 3 | - | 49 | 43 | * | - | |
| | Nairn ... | 30.27 | 42 | SW | 1 | C | 30.37 | +24 | 35 | 34 | -12 | S | 1 | bc | 1 | - | 48 | 34 | * | - | |
| | Aberdeen ... | 30.34 | 47 | SSE | 4 | og | 30.45 | +17 | 46 | 42 | 0 | SE | 4 | og | 5 | og | 47 | 42 | 0.0 | 0.12 | |
| | Leith ... | 30.31 | 44 | ESE | 1 | 0 | 30.39 | +13 | 44 | 40 | +4 | E | 1 | bc | * | - | 47 | 39 | * | - | |
| | North Shields ... | 30.35 | 46 | SSW | 2 | 0 | 30.43 | +13 | 45 | 42 | 0 | SSE | 3 | C | 2 | - | 48 | 44 | * | - | |
| | Spurn Head ... | 30.32 | 45 | ESE | 5 | C | 30.38 | +07 | 44 | 43 | -2 | ESE | 5 | b | 4 | - | 48 | 42 | * | - | |
| FRANCE. | Yarmouth ... | 30.27 | 46 | E | 4 | C | 30.35 | +05 | 43 | 40 | -2 | E | 5 | b | 5 | C | 46 | 41 | * | - | |
| | Loughborough ... | 30.32 | 43 | ESE | 2 | 0 | 30.41 | +11 | 34 | 33 | -7 | E | 1 | bm | * | om, c, dm | 44 | 34 | * | - | |
| | Oxford ... | 30.31 | 42 | E | 2 | 0 | 30.36 | +08 | 34 | 33 | -7 | NE | 2 | C | 0 | 0 | 44 | 34 | * | - | |
| | London (Brixton) ... | 30.28 | 44 | ENE | 1 | og | 30.33 | +07 | 37 | 36 | -5 | ENE | 2 | b | * | bc, o, dm | 46 | 34 | 0.0 | - | |
| | The Scaw (Skagen) ... | 30.75 | 39 | SE | 3 | 0 | 30.80 | +13 | 37 | 36 | -5 | SE | 3 | C | 1 | - | 43 | 36 | * | - | |
| | Fanö ... | 30.65 | 35 | ENE | 4 | C | 30.67 | +09 | 33 | 32 | -7 | ENE | 2 | C | * | - | 45 | 33 | * | - | |
| | Cuxhaven ... | 30.54 | 41 | E | 5 | 3 | 30.58 | +06 | 31 | 29 | -10 | E | 5 | b | * | - | 43 | 30 | * | - | |
| | The Helder ... | 30.39 | 41 | ESE | 3 | 3 | 30.43 | +08 | 32 | 31 | -9 | E | 4 | bc | 3 | - | 45 | 32 | * | - | |
| | Brussels ... | * | * | * | * | * | 30.36 | +04 | 27 | 26 | -3 | NE | 4 | b | * | - | 40 | 26 | * | - | |
| | Berlin ... | 30.55 | 29 | NE | 3 | 3 | 30.62 | +12 | 25 | 23 | -9 | ENE | 4 | bc | * | - | 39 | 23 | * | - | |
| SPAN. PEN. | Frankfurt ... | 30.36 | 32 | NE | 2 | 3 | 30.37 | +03 | 27 | 25 | -5 | NE | 3 | b | * | - | 41 | 27 | * | - | |
| | Munich ... | 30.23 | 32 | NE | 6 | 0 | 30.20 | -06 | 29 | 29 | +4 | E | 6 | 0 | * | - | 34 | 25 | * | - | |
| | C. Gris Nez ... | 30.26 | 31 | ENE | 3 | f | 30.33 | +06 | 28 | 28 | -8 | ENE | 3 | m | 2 | - | 41 | ? | * | - | |
| | Brest ... | 30.18 | 43 | NE | 2 | C | 30.17 | +02 | 36 | 35 | -9 | ESE | 2 | 0 | 3 | - | 48 | 36 | * | - | |
| | Lorient ... | 30.13 | 43 | E | 3 | 0 | 30.17 | 00 | 37 | 36 | -4 | E | 3 | 0 | 2 | - | 46 | 34 | * | - | |
| | Rocheport ... | 30.12 | 44 | NNE | 3 | 0 | 30.16 | -05 | 41 | 40 | -4 | NNE | 4 | 0 | * | 0 | 48 | 36 | * | - | |
| | Biarritz ... | 30.13 | 57 | W | 2 | C | 30.08 | -09 | 29 | 48 | -5 | Z | 0 | C | 3 | - | 59 | 48 | * | - | |
| | Paris ... | 30.21 | 39 | NE | 3 | bc | 30.21 | -03 | 32 | 30 | -5 | NNE | 4 | b | * | - | 42 | 31 | * | - | |
| | Belfort ... | 30.15 | 33 | ENE | 7 | m | 30.11 | -10 | 32 | 30 | -1 | ENE | 7 | 0 | * | - | 35 | 32 | * | - | |
| | Lyons ... | 30.13 | 41 | NNW | 1 | C | 30.12 | -09 | 37 | 36 | -2 | NW | 1 | 0 | * | - | 45 | 35 | * | - | |
| Nice ... | 29.94 | 48 | NE | 1 | 3 | 29.94 | -10 | 45 | 40 | -2 | ENE | 1 | bc | 3 | - | 61 | 43 | * | - | | |
| Perpignan ... | 30.04 | 54 | NW | 2 | 0 | 29.99 | -14 | 45 | 43 | -1 | NW | 2 | b | * | - | 62 | 44 | * | - | | |
| SPAN. PEN. | Corunna ... | | | | | | | | | | | | | | | | | | | | |
| | Lisbon ... | | | | | | | | | | | | | | | | | | | | |
| SPAN. PEN. | Azores (P. Delgada) ... | 30.02 | 61 | WSW | 5 | bc | 30.02 | -05 | 58 | 53 | +4 | NNW | 4 | 0 | 3 | - | 63 | 54 | * | 0.04 | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR Monday 17th November, 1902.

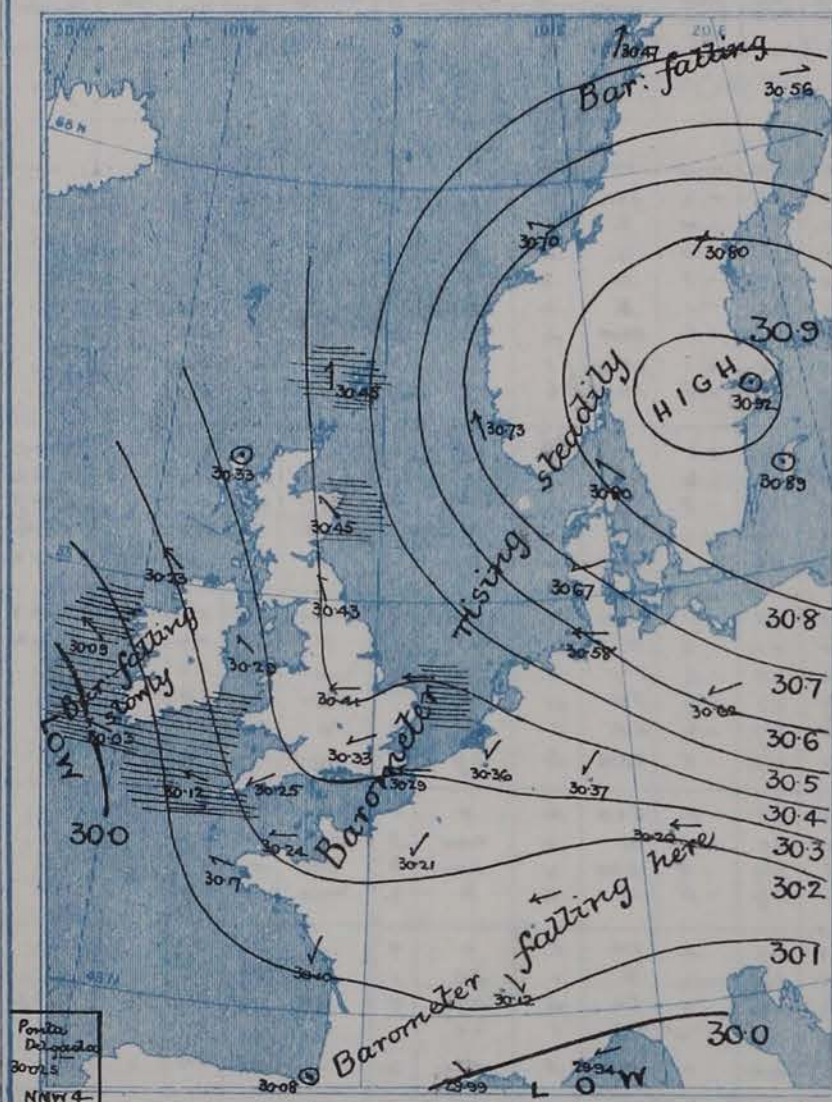
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus -0.8



III BAROMETER AND WIND

Yesterday morning.



IV Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE at 8 A.M. for the monthly period NOVEMBER. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday the barometer has risen over the whole of the British Islands, the North Sea, North Germany and the southern half of Scandinavia, fallen over France and the north of Scandinavia, and this morning's readings range from 30.92 in. at Stockholm to 30.47 in. at Bodø, 30.03 in. at Valencia and 29.94 in. at Nice. In the past night there has been a slight tendency to fall in the south of Ireland.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is anticyclonic in direction - E^{ly} over France and the south-east of England, S.E^{ly} over the greater part of the British Islands, S^{ly} to W^{ly} over Lapland - but is fresh in force at most stations. Temperature has decreased almost everywhere, but especially over central Scotland; in our Islands it ranges from 50° in the south of Ireland and 47° at Lumburgh Head to 37° at Newton Reigny and in London, 35° at Nairn, and 34° at Oxford. Over Great Britain it is below the average, but in Ireland it is above it. At Paris the reading is 32, at Berlin 25° and at Stockholm 30°. The weather is fine over the eastern part of our area, but dull in the west, and rain and mist are reported at Blacksod Point. The sea is rough in the north and west, rather so at Yarmouth.

During yesterday the maximum temperatures were mostly below 50°, and over England the night minima were low (34° in several places). Rain fell in Scotland and Ireland (0.7 in. at Roche's Point). Except on the south-east coast of England there was little or no bright sunshine.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

An increase in the strength of the E^{ly} and S.E^{ly} winds on the British coasts and the southern side of the Channel is probable.

FORECASTS *

For the 24 hours ending at NOON on 18th November, 1902

DISTRICTS.

FORECASTS.

- 0 ∇ { SCOTLAND NORTH
- 1 ∇ { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

S.E^{ly} winds, freshening; dull, some cold rain, gusty or squally.

E^{ly} winds, increasing in strength; fair, cold.

DISTRICTS.

FORECASTS.

- 6 ∇ { SCOTLAND WEST
- 7 ∇ { ENGLAND N.W.
- 8 ∇ { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

S.E^{ly} and E^{ly} winds, becoming stronger; rain in places.

WARNINGS

The South Cone is still flying in districts 0, 1, 6, 7 and 8.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|----------------|----------|--------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | bc | * | c | 45 | 43 | 1.0 | — |
| Newton Reigny (Penrith) | 30.30 | 42 | SE 2 | 0 | 30.35 | | 37 | 36 | | ESE 2 | bc | * | cm | 42 | 36 | 0.4 | — |
| Bath | 30.27 | 42 | NE 1 | 0 | 30.33 | +0.8 | 37 | 36 | -6 | E 2 | bc | * | — | 44 | 35 | 0.0 | — |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 48 | 40 | cm | 0.0 | 0.1 | Worthing | * | * | * | 0.0 | * |
| Birmingham, 9 p.m. ... | 47 | 40 | 0 | 0.0 | - | Llandudno | * | * | * | 0.0 | * |
| Lowestoft, up to 6 p.m. ... | * | * | * | * | * | Rhyl up to 6 p.m. ... | * | * | * | 0.0 | * |
| Hastings | * | * | * | 1.6 | * | Southport, 9 p.m. ... | * | * | * | 0.0 | * |
| Eastbourne up to 6 p.m. ... | * | * | * | 0.1 | * | Manchester, 9 p.m. ... | 54 | 41 | 0 | 0.0 | - |
| Brighton | * | * | * | 0.0 | * | Darwen, 9 p.m. ... | * | * | * | * | * |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. at 1 p.m. ° | WEATHER. | RAIN. (measured at 7 a.m.) |
|--------------------------|----------------------|-----------|----------|-------|-----------------|-----------------------------------|----------|----------------------------------|
| | Max. ° | Min. ° | | | | | | |
| 16 Nov. | | | | | 15 Nov | | | |
| Marseilles | Information not recd | | | Ins. | Geneva | 37 | m | — |
| Utrecht... .. | | | | | Berne | 34 | m | — |
| Copenhagen... .. | | | | | Lucerne | 37 | m | 0.04 |
| Prague | | | | | Lausanne | 36 | m | — |
| Vienna | | | | | Lugano | 48 | b | — |
| Buda-Pesth | | | | | Locarno | 50 | b | — |
| St. Petersburg | | | | | | | | |
| Rome | | | | | | | | |
| Malta | | | | | | | | |
| Madeira (Funchal) | | | | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) ... | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) ... | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 17... Nov., 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|-------------------|-------------------|----------------|------------------|
| Yarmouth | 7.19 | 11.38 | 3.57 |
| Greenwich | 7.23 | 11.45 | 4.7 |
| Wick | 8.7 | 11.57 | 3.47 |
| Valencia | 8.6 | 12.26 | 4.46 |

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" Weekly " " " £1 10 0 " Single Copies, 6d.

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 18th November, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|-------------------------|----------------------------|--|--------------|--------|---------------------|---------|---|-------------------------------|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|------------------|-----------|----------------|------|-------------------------|-------------------|------|
| | | BAROM. | | TEMP. | | WIND. | BAROMETER. | | TEMPERATURE. | | | | WIND. | | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine. Hours | Rainfall. Ins. | |
| | | At 32° and M.S.L. | Dry Bulb. | Direc. | Force (0 to 12.) | | Weather. | At 32° Fahr. and M.S.L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | | | Weather. | Max. | | | Min. |
| | | | | | | | | | | | | | | | | | | | | | |
| SCANDINAVIA. | Haparanda ... | 30.63 | 25 | W | 2 | bc | 30.49 | -0.7 | 31 | 30 | +1 | WSW | 2 | bc | 1 | - | 31 | 23 | * | - | |
| | Hernösand ... | 30.79 | 28 | Z | 0 | bc | 30.75 | -0.5 | 27 | 26 | -3 | Z | 0 | bc | * | - | 32 | 27 | * | - | |
| | Stockholm ... | 30.96 | 29 | Z | 0 | bc | 30.91 | -0.1 | 27 | 26 | -3 | W | 2 | bc | * | - | 36 | 27 | * | - | |
| | Wisby ... | 30.97 | 26 | Z | 0 | bc | 30.97 | +0.8 | 26 | 24 | 0 | Z | 0 | bc | * | - | 34 | 21 | * | - | |
| | Karlstad ... | 30.92 | 30 | NE | 2 | bc | 30.92 | +0.1 | 20 | 20 | -10 | NE | 2 | f | 0 | - | * | * | * | - | |
| | Färder (X'iania Fjord) ... | 30.91 | 36 | NE | 1 | c | 30.91 | +0.5 | 34 | 34 | -1 | SE | 2 | f | 1 | - | 36 | 34 | * | - | |
| | Bodö ... | 30.51 | 44 | SW | 6 | o | 30.57 | +1.0 | 44 | 42 | -1 | SW | 6 | r | 4 | - | 45 | 44 | * | - | |
| | Christiansund ... | 30.76 | 38 | ESE | 1 | bc | 30.80 | +1.0 | 35 | 33 | -2 | ESE | 2 | bc | 3 | - | 39 | 34 | * | - | |
| | Skudesnaes ... | 30.80 | 38 | SSE | 4 | bc | 30.82 | +0.9 | 38 | 34 | -1 | SSE | 6 | bc | 4 | bc | 41 | 38 | * | * | |
| | Sumburgh Head ... | 30.47 | 45 | S | 4 | o | 30.52 | +0.7 | 45 | 40 | -2 | S | 5 | c | 6 | o | 47 | 44 | * | - | |
| BRITISH ISLANDS. | Stornoway ... | 30.28 | 45 | SSE | 2 | c | 30.28 | -0.5 | 48 | 41 | +3 | S | 6 | bc | 6 | rm, o, c | 49 | 41 | 0.0 | 0.03 | |
| | Malin Head ... | 30.20 | 43 | SSE | 6 | bc | 30.22 | -0.1 | 39 | 37 | -4 | SE | 6 | bc | 3 | c, bc | 45 | 38 | * | - | |
| | Blacksod Pt. ... | 30.05 | 47 | SE | 7 | om | 30.12 | +0.3 | 41 | 38 | -7 | SE | 5 | bc, m | 4 | om | 48 | 41 | * | - | |
| | Valencia ... | 30.04 | 50 | ESE | 4 | og | 30.01 | -0.2 | 49 | 44 | -1 | SE | 7 | bc, m | 5 | om, og | 52 | 47 | 0.0 | 0.01 | |
| | Roche's Point ... | 30.12 | 52 | SSE | 6 | og | 30.13 | +0.1 | 49 | 46 | -1 | SSE | 7 | og, m | 7 | og | 52 | 47 | * | - | |
| | Parsonstown ... | 30.18 | 44 | E | 2 | o | 30.20 | +0.2 | 39 | 36 | -6 | E | 2 | bc | * | og | 46 | 38 | 0.0 | - | |
| | Donaghadee ... | 30.27 | 48 | SSE | 5 | bc | 30.33 | +0.4 | 44 | 40 | -2 | SE | 4 | bc | 4 | - | 48 | 40 | * | - | |
| | Liverpool Obsy. ... | 30.35 | 40 | ESE | 4 | bc | 30.41 | +0.6 | 35 | 33 | -4 | ESE | 2 | bc | 7 | bc, m | 45 | 33 | * | - | |
| | Holyhead ... | 30.27 | 41 | E | 2 | bc | 30.31 | +0.2 | 37 | 36 | -1 | E | 5 | bc | 3 | bc | 46 | 35 | * | - | |
| | Pembroke (St. Ann's) ... | 30.19 | 45 | ESE | 6 | c | 30.19 | -0.3 | 39 | 37 | -6 | ESE | 6 | bc, g, m | 5 | - | 46 | 36 | 2.6 | - | |
| GERMANY, &c. | Scilly (St. Mary's) ... | 30.10 | 48 | ESE | 6 | c | 30.07 | -0.5 | 47 | 45 | -3 | ESE | 7 | r | 5 | c | 51 | 45 | 1.7 | - | |
| | Jersey (St. Aubins) ... | 30.18 | 41 | ENE | 5 | c, g, m | 30.17 | -0.7 | 37 | 35 | -2 | ENE | 6 | bc, m | 4 | bc, g, m | 45 | 34 | 6.2 | - | |
| | Portland Bill ... | 30.23 | 41 | E | 5 | c | 30.23 | -0.2 | 34 | 33 | -7 | E | 5 | c | 4 | c | 44 | 32 | * | - | |
| | Dungeness ... | 30.27 | 42 | E | 6 | bc | 30.28 | -0.1 | 36 | 35 | -4 | ESE | 7 | bc | 4 | bc | 43 | 33 | * | - | |
| | Wick ... | 30.37 | 47 | SE | 6 | c | 30.45 | +0.8 | 45 | 42 | -3 | SE | 6 | c | 5 | - | 49 | 44 | * | - | |
| | Nairn ... | 30.26 | 37 | Z | 0 | bc | 30.43 | +0.6 | 30 | 29 | -5 | Z | 0 | bc | 0 | - | 46 | 27 | * | - | |
| | Aberdeen ... | 30.48 | 45 | SE | 4 | c, g | 30.53 | +0.8 | 44 | 40 | -2 | SE | 3 | bc | 5 | c, g | 47 | 44 | 0.3 | - | |
| | Leith ... | 30.41 | 42 | ESE | 1 | bc | 30.45 | +0.6 | 39 | 36 | -5 | E | 1 | bc | * | - | 49 | 37 | * | - | |
| | North Shields ... | 30.43 | 45 | ESE | 3 | c | 30.49 | +0.6 | 44 | 40 | -1 | SE | 4 | bc | 4 | o, c | 48 | 43 | * | - | |
| | Spurn Head ... | 30.39 | 46 | E | 5 | bc | 30.44 | +0.6 | 44 | 42 | 0 | E | 6 | bc | 4 | - | 48 | 42 | * | - | |
| FRANCE. | Yarmouth ... | 30.33 | 44 | E | 6 | bc | 30.38 | +0.3 | 40 | 37 | -3 | E | 7 | bc | 5 | bc, o | 44 | 37 | * | - | |
| | Loughborough ... | 30.39 | 37 | E | 1 | bc | 30.42 | +0.1 | 32 | 31 | -2 | E | 2 | bc, m | * | bc, c, bc | 45 | 31 | * | - | |
| | Oxford ... | 30.36 | 36 | NE | 1 | bc | 30.36 | 00 | 30 | 29 | -4 | NE | 1 | bc | * | - | 45 | 30 | * | - | |
| | London (Brixton) ... | 30.32 | 41 | ENE | 3 | o | 30.33 | 00 | 35 | 33 | -2 | E | 2 | bc | * | bc, o | 45 | 32 | 2.3 | - | |
| | The Scaw (Skagen) ... | 30.88 | 38 | SSE | 2 | c | 30.89 | +0.9 | 36 | 36 | -1 | SSE | 1 | c | 0 | - | 39 | 36 | * | - | |
| | Fanö ... | 30.75 | 31 | ENE | 3 | bc | 30.79 | +1.2 | 28 | 28 | -5 | ENE | 2 | bc | * | - | 43 | 28 | * | - | |
| | Cuxhaven ... | 30.66 | 33 | E | 5 | bc | 30.72 | +1.4 | 23 | 22 | -8 | E | 5 | bc | * | - | 35 | 23 | * | - | |
| | The Helder ... | 30.49 | 32 | E | 5 | bc | 30.51 | +0.8 | 26 | 24 | -6 | E | 5 | bc | 4 | - | 34 | 26 | * | - | |
| | Brussels ... | * | * | * | * | * | 30.35 | -0.1 | 22 | 21 | -5 | ENE | 3 | bc | 0 | - | 35 | 21 | * | - | |
| | Berlin ... | 30.71 | 24 | ENE | 4 | bc | 30.75 | +1.3 | 17 | 15 | -8 | ENE | 4 | bc | 0 | - | 28 | 16 | * | - | |
| SPAN. PEN. | Frankfurt ... | 30.40 | 27 | NE | 4 | bc | 30.37 | 00 | 21 | 19 | -6 | N | 4 | bc | * | - | 36 | 19 | * | - | |
| | Munich ... | 30.23 | 25 | E | 7 | o | 30.13 | -0.7 | 18 | 17 | -11 | E | 8 | c | * | - | 29 | 18 | * | - | |
| | C. Gris Nez ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| | Brest ... | 30.12 | 39 | ESE | 3 | bc | 30.12 | -0.5 | 33 | 32 | -3 | E | 4 | bc | 4 | - | 45 | 32 | * | - | |
| | Lorient ... | 30.13 | 40 | E | 3 | bc | 30.11 | -0.6 | 32 | 32 | -5 | E | 5 | bc | 4 | - | 43 | 30 | * | - | |
| | Rochefort ... | 30.05 | 42 | ENE | 4 | o | 30.07 | -0.3 | 33 | 32 | -8 | ?NE | 4 | bc | * | c, o | 48 | 30 | * | - | |
| | Biarritz ... | 30.08 | 45 | E | 1 | o | 30.00 | -0.8 | 42 | 40 | -7 | E | 3 | o | 2 | - | 52 | 41 | * | - | |
| | Paris ... | 30.21 | 33 | NE | 4 | bc | 30.16 | -0.5 | 25 | 23 | -7 | NE | 4 | bc | * | - | 40 | 24 | * | - | |
| | Belfort ... | 30.02 | 30 | ENE | 8 | m | 30.02 | -0.9 | 25 | 23 | -7 | ENE | 8 | o | * | - | 34 | 25 | * | - | |
| | Lyons ... | 30.06 | 37 | NNW | 1 | o | 29.97 | -1.5 | 32 | 31 | -5 | NNW | 1 | s | * | - | 40 | 31 | * | 0.04 | |
| Nice ... | 29.93 | 47 | E | 4 | o | 29.89 | -0.5 | 42 | 33 | -3 | E | 4 | o | 5 | - | 59 | 41 | * | - | | |
| Perpignan ... | 29.97 | 49 | N | 3 | o | 29.88 | -1.1 | 44 | 40 | -1 | NW | 2 | o | * | - | 53 | 42 | * | - | | |
| SPAN. PEN. | Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| | Lisbon ... | 30.02 | 60 | SSW | 1 | o | 29.99 | -1.0 | 59 | 59 | -3 | SW | 3 | r | * | - | 63 | 57 | * | 0.39 | |
| Azores (P. Delgada) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Tuesday 18th November, 1902.

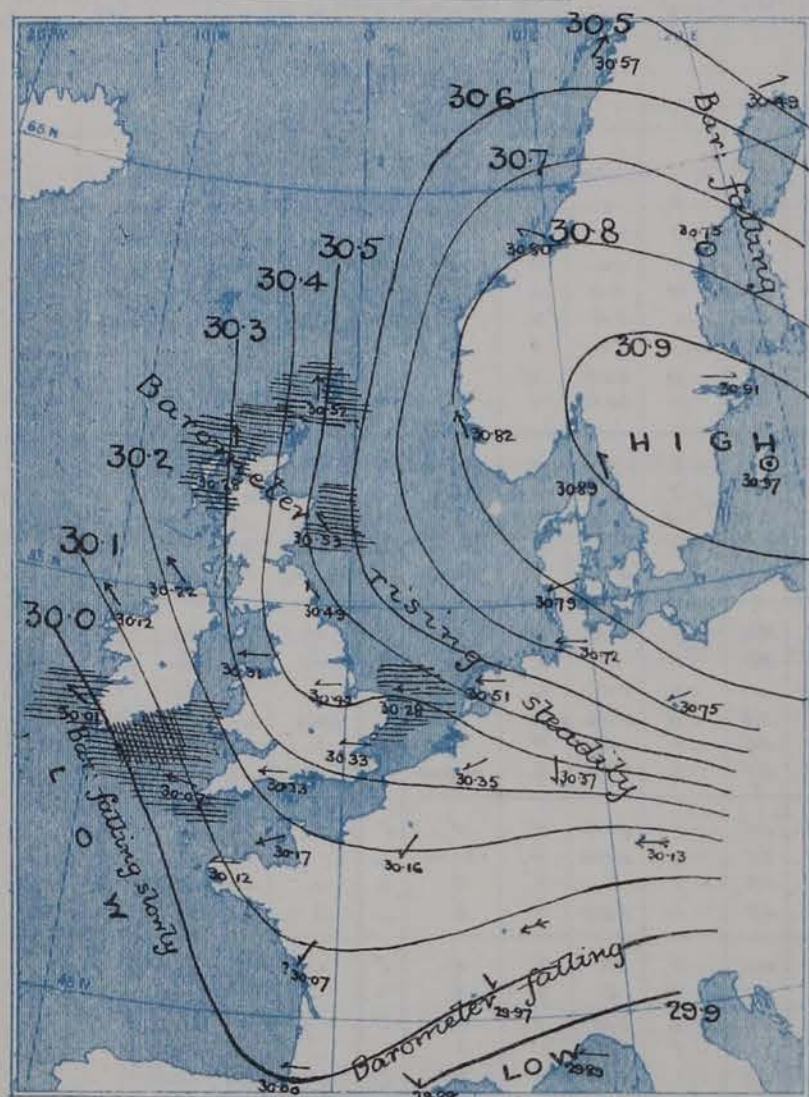
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → } Calm ☉
Force 8 to 10 → : Force 1 to 4 → }

SEA.—Rough High

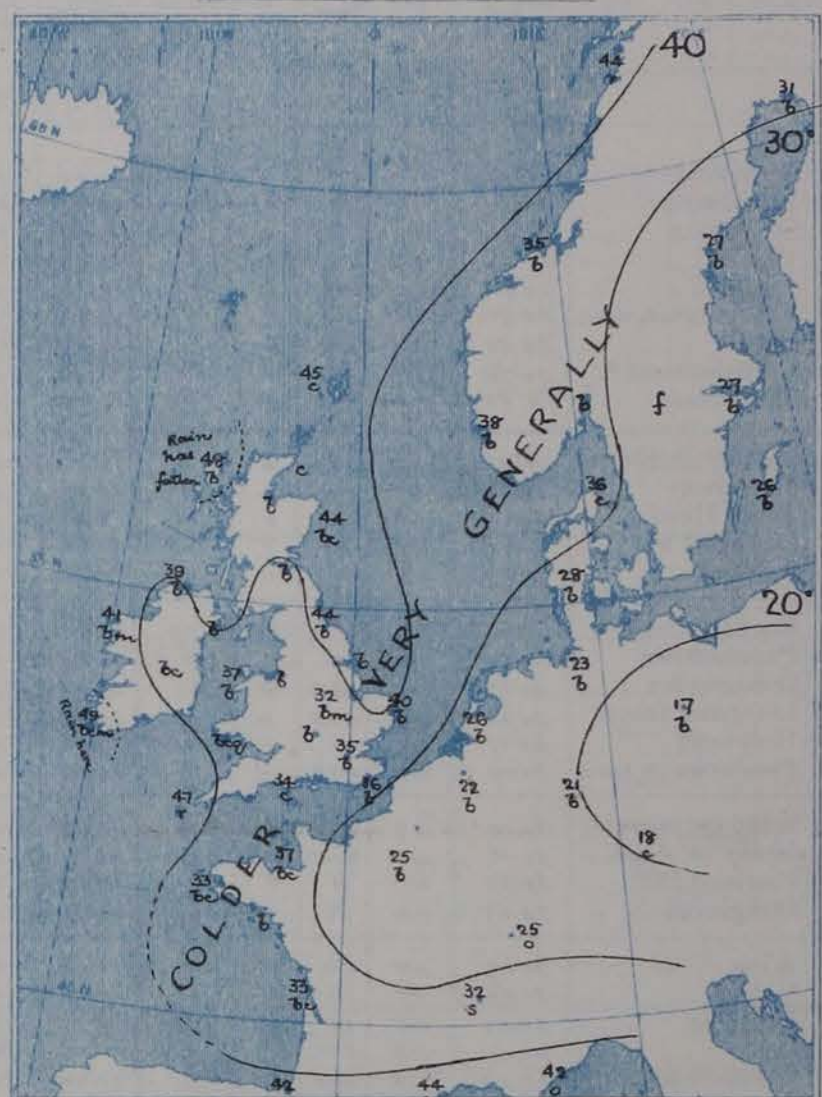


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE at 8 A.M. for the monthly period NOVEMBER. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is still highest over the countries lying to the eastward of the North Sea, lowest over southern Europe and off the south-west of our Islands, the individual readings ranging from 30.97 in. at Wesby to 30.01 in. at Valencia and 29.89 in. at Nice. Gradients are steepest over the Netherlands and Germany; the barometer is still falling in the extreme south and south-west.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is very strong from E. on our south-east coasts, and from S.E. in Ireland - at some stations it has gradually attained the force of a moderate gale. In the north it is less strong from S.E. and in Lapland it is S.W.^{ly}. In South Germany there is a fresh gale from E. Temperature has again decreased generally and is considerably below the average. In our Islands it ranges from 49° in the south of Ireland to 30° both at Nairn and Oxford. At Paris it is 25°, at Munich 18°, at Berlin 17° and at Karlstad 20°. The weather is fine almost everywhere, but Scilly reports some rain, and Roche's Point a gloomy appearance. The sea is rough on all exposed parts of our coasts.

During yesterday a maximum temperature of 52° was touched on the south coast of Ireland only, 51° at Scilly and 59° at Nice; elsewhere it was much lower. The minima this morning were below 32° in several places - 16° at Berlin. A little rain fell at Stornoway, Valencia and Lyon. Bright sunshine was considerable in several places, especially at the Channel stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuance of the strong, cold E^{ly} and S.E.^{ly} winds is probable with dry weather. A fresh gale is probable in the east and south-west. Our east, south and south-west coasts have all been warned.

FORECASTS *

For the 24 hours ending at NOON on 19th November, 1902

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|--|--------------------|---|
| 0 { SCOTLAND NORTH | S.E. ^{ly} winds, strong; cold, fair. | 6 { SCOTLAND WEST | Same as Nos. 0 to 2. |
| 1 { SCOTLAND EAST | | 7 { ENGLAND N.W. | |
| 2 { ENGLAND N.E. | | 8 { ENGLAND S.W. | Same as Nos. 3 to 5. |
| 3 { ENGLAND EAST | E ^{ly} winds, very strong and cold, a gale in places; fine. | 9 { IRELAND NORTH | Same as Nos. 0 to 2. |
| 4 { MIDLAND COUNTIES | | 10 { IRELAND SOUTH | S.E. ^{ly} winds, strong to a gale; some rain. |
| 5 { ENGLAND SOUTH | | WARNINGS | At 11 a.m. to-day to districts 2, 3, 5, 8 and 10, Hoist North Cone for E ^{ly} gales. |

Note.—The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌶), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|-------|-------|----------|---------------------|--------------|------|---------|-------|----------|----------------|----------|--------------|------|--------|----------|
| | Bar. | Temp. | Wind. | Weather. | Barometer. | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- | Rainfall |
| | Ins. | ° | | | Ins. Change. | Dry. | Wet. | Change. | | | | | Max. | Min. | shine. | Ins. |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | bc | * | bc | 43 | 38 | 6.5 | - |
| Newton Reigny (Penrith) | 30.37 | 39 | SE 3 | bc | 30.41 +.06 | 35 | 34 | -2 | S 1 | c | * | bc | 45 | 34 | 7.4 | - |
| Bath | 30.27 | 38 | E 3 | o | 30.31 - .02 | 32 | 32 | -5 | E 2 | o | * | - | 43 | 32 | 4.0 | - |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. |
|-----------------------------|--------------|------|----------|-----------|-----------|------------------------|--------------|------|----------|-----------|-----------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 45 | 39 | c, bc | 6.3 | - | Worthing | * | * | * | 6.8 | * |
| Birmingham, 9 p.m. ... | 42 | 36 | bc, o | 3.7 | - | Llandudno | * | * | * | 7.1 | * |
| Lowestoft, up to 6 p.m. ... | ? | ? | ? | ? | ? | Rhyl up to 6 p.m. ... | * | * | * | 6.3 | * |
| Hastings | * | * | * | 7.8 | * | Southport, 9 p.m. ... | 45 | 37 | bc | 2.9 | - |
| Eastbourne up to 6 p.m. ... | * | * | * | 7.5 | * | Manchester, 9 p.m. ... | 50 | 37 | bc | 5.2 | - |
| Brighton | * | * | * | 6.8 | * | Darwen, 9 p.m. ... | 44 | 35 | bc | 6.0 | - |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-------------------------------|-----------------|------|----------|-------|----------------------|-----------------|------|----------|-----------------|
| | Max. | Min. | | | | Max. | Min. | | |
| 17. XI. 02 | | | | | | | | | |
| Madeira (Funchal) | 72 | 55 | bc o | Ins. | Algiers | 64 | 55 | c bc | Ins. |
| Madrid | not recd. | | | | Tunis | 63 | 52 | r o | 0.20 |
| Corsica (I. Sanguinaires) ... | 81 | 43 | f f | - | Vienna | 39 | 23 | o o | - |
| Rome | 57 | 39 | bc c | - | St. Petersburg ... | 21 | 16 | bc bc | - |
| Florence | 57 | 45 | bc bc | - | not Recd. 16. XI. 02 | 1 p.m. | | 1 p.m. | Measured 7 a.m. |
| Trieste | 54 | 37 | bc bc | - | Lugano | | | | |
| Naples | 57 | 48 | bc bc | - | Davos | | | | |
| Palermo | 62 | 49 | r o | 1.22 | Lucerne | | | | |
| Malta | 63 | 59 | ? | 2.06 | Lausanne | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|--|---|--------------------------------|--|--------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark, Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 18. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|----------------|-------------|---------------|
| Yarmouth | 7.20 | 11.38 | 3.56 |
| Greenwich | 7.24 | 11.45 | 4.6 |
| Wick | 8.9 | 11.57 | 3.45 |
| Valencia | 8.7 | 12.26 | 4.45 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 19th November, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------|----------------------------|--|---------------------|---------------------------------|------------------------------------|--------------|---|------------------------------------|--------------|---------------------|------|-------|-------|------------------|----------|--------|----------------|-----|----------------|----------|--|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | | Sun- shine. | Rainfall | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| At 32° and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | Force (0 to 12.) | Max. | Min. | Hours | Ins. | | | | | | | |
| Ins. | Ins. | ° | ° | Ins. | Ins. | ° | ° | Ins. | Ins. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | |
| SCANDINAVIA. | Haparanda ... | 30.44 | 42 | S | 2 | 0 | 30.26 | -23 | 30 | 29 | -1 | W | 2 | C | 1 | - | 34 | 25 | * | - | |
| | Hernösand ... | 30.69 | 29 | Z | 0 | 0 | 30.58 | -17 | 27 | 26 | 0 | Z | 0 | 0 | 1 | - | 36 | 25 | * | - | |
| | Stockholm ... | 30.81 | 29 | Z | 0 | 0 | 30.67 | -24 | 28 | 27 | +1 | W | 2 | 0 | 1 | - | 32 | 25 | * | - | |
| | Wisby ... | 30.89 | 28 | Z | 0 | 0 | 30.71 | -26 | 34 | 32 | +8 | WNW | 4 | 0 | 1 | - | 32 | 19 | * | - | |
| | Karlstad ... | 30.88 | 24 | N | 2 | f | 30.76 | -16 | 29 | 28 | +9 | NNW | 2 | 0 | 1 | - | * | * | * | - | |
| | Färder (X'iania Fjord) ... | 30.84 | 36 | WNW | 2 | bc | 30.76 | -15 | 29 | 29 | -5 | N | 2 | m | 1 | - | 37 | 28 | * | - | |
| | Bodö ... | 30.59 | 42 | SW | 4 | 0 | 30.47 | -10 | 44 | 42 | 0 | SW | 4 | 0 | 3 | - | 45 | 41 | * | 0.20 | |
| | Christiansund ... | 30.77 | 34 | E | 1 | 0 | 30.75 | -05 | 37 | 33 | +2 | SW | 3 | 0 | 3 | - | 37 | 32 | * | - | |
| Skudesnaes ... | 30.82 | 38 | SSE | 6 | 0 | 30.73 | -09 | 30 | 30 | -8 | Z | 0 | 0 | 2 | 0 | 38 | 30 | * | - | | |
| BRITISH ISLANDS. | Sumburgh Head ... | 30.53 | 44 | S | 4 | C | 30.53 | +01 | 42 | 39 | -3 | S | 4 | C | 6 | C | 46 | 41 | * | - | |
| | Stornoway ... | 30.32 | 47 | SE | 5 | 0 | 30.32 | +04 | 43 | 38 | -5 | SE | 4 | 0 | 5 | 0 | 52 | 41 | 5.7 | - | |
| | Malin Head ... | 30.23 | 40 | SE | 6 | bm | 30.21 | -01 | 38 | 36 | -1 | SE | 5 | cm | 3 | bm | 44 | 35 | * | - | |
| | Blacksod Pt. ... | 30.06 | 43 | SE | 6 | bm | 30.05 | -07 | 38 | 35 | -3 | SE | 8 | bm | 6 | bm | 44 | 37 | * | - | |
| | Valencia ... | 29.99 | 46 | SE | 7 | C | 29.95 | -06 | 40 | 36 | -9 | ESE | 6 | 0 | 5 | bm, C | 51 | 39 | 4.0 | - | |
| | Roche's Point ... | 30.12 | 46 | SSE | 6 | bc | 30.06 | -07 | 43 | 39 | -6 | SSE | 7 | C | 6 | C, bc | 49 | 42 | * | - | |
| | Parsonstown ... | 30.18 | 39 | NE | 1 | 0 | 30.13 | -07 | 36 | 33 | -3 | E | 1 | C | 1 | - | 44 | 35 | 7.0 | - | |
| | Donaghadee ... | 30.34 | 45 | SSE | 5 | 0 | 30.25 | -08 | 42 | 38 | -2 | SE | 6 | C | 6 | - | 48 | 38 | * | - | |
| Liverpool Obsy. ... | 30.35 | 36 | E | 5 | 0 | 30.24 | -17 | 34 | 31 | -1 | E | 3 | 0 | ? | - | 42 | 34 | * | - | | |
| Holyhead ... | 30.29 | 39 | E | 6 | 0 | 30.19 | -12 | 35 | 33 | -2 | E | 6 | 0 | 4 | 0 | 42 | 33 | * | - | | |
| Pembroke (St. Ann's) ... | 30.20 | 39 | ESE | 5 | bc | 30.11 | -08 | 35 | 32 | -4 | E | 5 | C | 4 | ? | 45 | 32 | 5.4 | - | | |
| GERMANY, &c. | Scilly (St. Mary's) ... | 30.06 | 46 | E | 7 | C | 29.98 | -09 | 45 | 42 | -2 | E | 5 | bc | 5 | C | 50 | 41 | 5.5 | - | |
| | Jersey (St. Aubins) ... | 30.08 | 38 | NE | 4 | bm | 30.07 | -10 | 34 | 31 | -3 | ENE | 3 | bm | 3 | bm | 42 | 32 | 7.2 | - | |
| | Portland Bill ... | 30.16 | 37 | ENE | 6 | 0 | 30.10 | -13 | 32 | 30 | -2 | ENE | 5 | 0 | 5 | 0 | 41 | 30 | * | - | |
| | Dungeness ... | 30.17 | 37 | ESE | 6 | bc | 30.08 | -20 | 31 | 30 | -5 | E | 5 | og | 3 | bm, bc | 43 | 29 | * | - | |
| | Wick ... | 30.47 | 45 | S | 5 | bc | 30.41 | -04 | 44 | 41 | -1 | S | 6 | C | 4 | - | 47 | 40 | * | - | |
| | Nairn ... | 30.45 | 33 | Z | 0 | 0 | 30.38 | -05 | 40 | 37 | +10 | ESE | 1 | bc | 1 | - | 47 | 28 | * | - | |
| | Aberdeen ... | 30.54 | 43 | SE | 3 | bc | 30.46 | -07 | 42 | 38 | -2 | SE | 4 | C | 5 | bc | 46 | 42 | 2.7 | - | |
| | Leith ... | 30.47 | 40 | E | 2 | 0 | 30.36 | -09 | 42 | 38 | +3 | E | 1 | bc | 1 | - | 47 | 38 | * | - | |
| North Shields ... | 30.44 | 43 | ESE | 5 | bc | 30.34 | -15 | 43 | 39 | -1 | ESE | 5 | 0 | 5 | bm, bc | 48 | 43 | * | - | | |
| FRANCE. | Spurn Head ... | 30.34 | 40 | E | 7 | 0 | 30.22 | -22 | 40 | 38 | -4 | E | 6 | 0 | 5 | - | 44 | 37 | * | - | |
| | Yarmouth ... | 30.29 | 39 | E | 8 | bc | 30.19 | -19 | 36 | 34 | -4 | E | 8 | C | 6 | bm, bc | 42 | 33 | * | - | |
| | Loughborough ... | 30.36 | 33 | ENE | 3 | 0 | 30.24 | -18 | 32 | 30 | 0 | E | 3 | cm | 1 | bm, cm | 41 | 31 | * | - | |
| | Oxford ... | 30.26 | 32 | NE | 4 | C | 30.18 | -18 | 32 | 30 | +2 | ENE | 3 | 0 | 1 | - | 41 | 30 | * | - | |
| | London (Brixton) ... | 30.23 | 36 | ENE | 3 | C | 30.13 | -20 | 34 | 31 | -1 | ENE | 5 | 0 | 1 | bm, og | 42 | 33 | 4.1 | - | |
| | The Scaw (Skagen) ... | 30.86 | 36 | SSE | 1 | bc | 30.75 | -14 | 35 | 34 | -1 | SE | 1 | 0 | 0 | - | 39 | 34 | * | - | |
| | Fanö ... | 30.70 | 30 | ENE | 4 | 0 | 30.61 | -18 | 28 | 26 | 0 | ENE | 4 | 0 | 1 | - | 36 | 28 | * | - | |
| | Cuxhaven ... | 30.62 | 29 | ENE | 6 | 0 | 30.49 | -23 | 22 | 21 | -1 | E | 6 | 0 | 1 | - | 29 | 21 | * | - | |
| The Helder ... | 30.38 | 29 | E | 8 | 0 | 30.26 | -16 | 22 | 21 | -4 | E | 7 | 0 | 5 | - | 30 | 21 | * | - | | |
| SPAN. PEN. | Brussels ... | * | * | * | * | * | 30.14 | -21 | 19 | 18 | -3 | ENE | 4 | 0 | 1 | - | 29 | 18 | * | - | |
| | Berlin ... | 30.66 | 20 | ENE | 5 | 0 | 30.58 | -17 | 14 | 12 | -3 | E | 4 | 0 | 1 | - | 25 | 14 | * | - | |
| | Frankfurt ... | 30.26 | 25 | NE | 6 | 0 | 30.21 | -16 | 18 | 16 | -3 | NNE | 4 | 0 | 1 | - | 30 | 18 | * | - | |
| | Munich ... | 30.09 | 19 | E | 6 | 0 | 30.02 | -11 | 18 | 16 | 0 | E | 4 | 0 | 1 | - | 28 | 16 | * | - | |
| | C. Gris Nez ... | 30.17 | 27 | E | 6 | 0 | 30.10 | -07 | 23 | 23 | 0 | ENE | 4 | 0 | 4 | - | 34 | 21 | * | - | |
| | Brest ... | 30.06 | 37 | NE | 2 | 0 | 30.04 | -08 | 35 | 32 | -2 | ESE | 3 | 0 | 3 | - | 45 | 34 | * | - | |
| | Lorient ... | 30.02 | 36 | E | 4 | 0 | 30.04 | -07 | 28 | 28 | -4 | E | 3 | 0 | 4 | - | 43 | 27 | * | - | |
| | Rochefort ... | 29.97 | 31 | NNE | 4 | 0 | 30.00 | -07 | 27 | 27 | -6 | NNE | 2 | 0 | 1 | 0 | 39 | 24 | * | - | |
| Biarritz ... | 29.96 | 48 | NW | 4 | 0 | 30.00 | 00 | 37 | 35 | -5 | E | 3 | C | 3 | - | 52 | 36 | * | - | | |
| SPAN. PEN. | Paris ... | 30.04 | 29 | ENE | 5 | 0 | 30.01 | -15 | 25 | 24 | 0 | NE | 4 | 0 | 1 | - | 30 | 25 | * | - | |
| | Belfort ... | 29.95 | 23 | ENE | 7 | m | 30.00 | -02 | 20 | 18 | -5 | ENE | 1 | 0 | 1 | - | 31 | 20 | * | - | |
| | Lyons ... | 29.93 | 26 | N | 1 | S | 30.00 | +03 | 21 | 21 | -11 | SW | 1 | 0 | 1 | - | 32 | 21 | * | 0.51 | |
| | Nice ... | 29.87 | 38 | NE | 5 | + | 29.99 | +10 | 35 | 34 | -7 | NE | 4 | C | 6 | S | 43 | 32 | * | 0.08 | |
| | Perpignan ... | 29.87 | 43 | N | 1 | 0 | 29.98 | +10 | 41 | 39 | -3 | SW | 2 | 0 | 1 | - | 53 | 40 | * | - | |
| | Corunna ... | | | | | | | | | | | | | | | | | | | | |
| | Lisbon ... | | | | | | | | | | | | | | | | | | | | |
| | Azores (P. Delgada) ... | 30.06 | 63 | WSW | 4 | C | 30.05 | +01 | 63 | 59 | +3 | SW | 4 | bc | 4 | - | 64 | 61 | * | 0.04 | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page

WEATHER CHARTS

FOR Wednesday, 19th November, 1902.

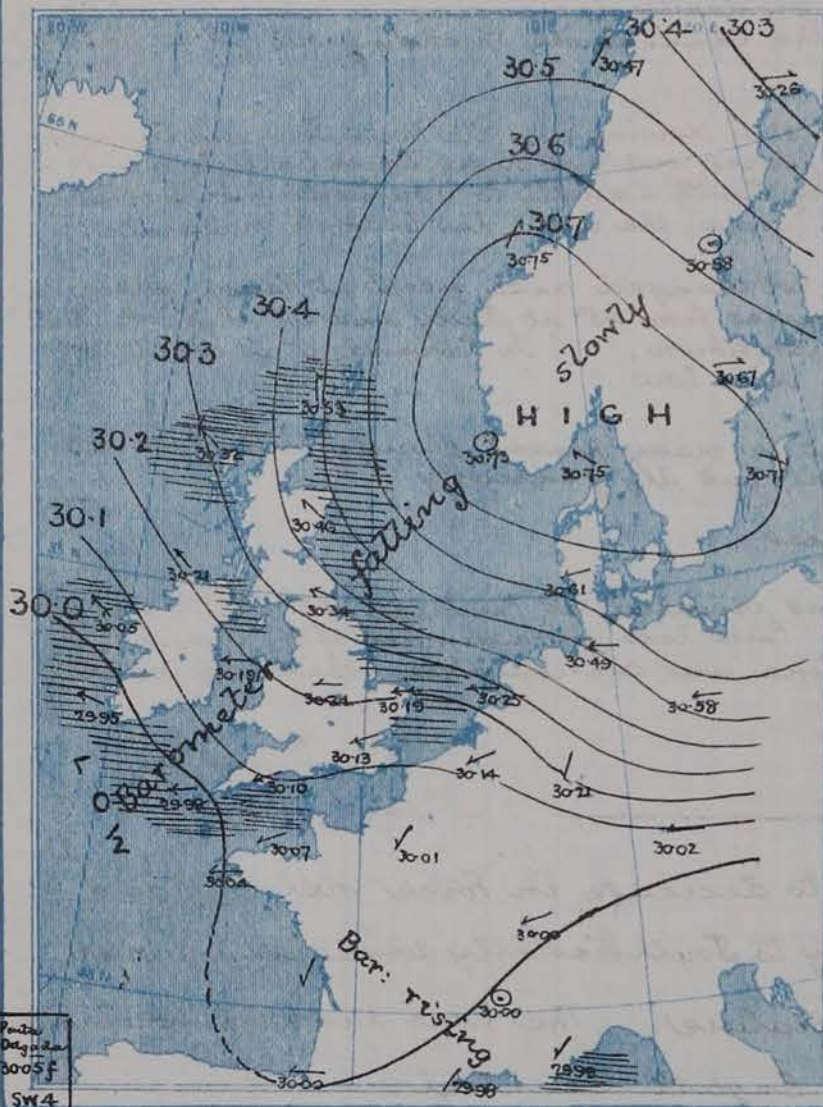
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 →

SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus: 0.5



III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE at 8 A.M. for the monthly period NOVEMBER. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is again highest over the Southern parts of Scandinavia and lowest over the Mediterranean and off our South West coasts; the readings range from 30.76 ins at Karlstad and Faeder to 29.99 ins. at Nice, and 29.95 ins. at Valencia. The anticyclone is gradually decreasing in intensity and the low pressure areas over France and the Channel are spreading out in a Northerly direction.

WIND

TEMPERATURE

WEATHER

AND

SEA

Easterly winds of great strength are still blowing over the North Sea and England, attaining the force of a gale in some places, and very strong South Easterly winds are reported from Ireland, and less strong South Easterly to Southerly from Scotland. In Germany, France, and the English Channel the wind has become moderate.

Temperature in our Islands has not changed much except at Nain, where a considerable rise has occurred; it varies from 45° at Scilly and 44° at Wick, to 32° at Loughborough and Oxford, 36° at Parsonstown. In Scotland it is about the average, in Ireland and England it is low.

The weather is fine and bright in many places, cloudy and dull at several southern and eastern stations, but dry generally.

Sea is rough in all exposed places.

Yesterday a maximum of 50° was recorded at Pembroke, 52° at Stornoway; at all other stations they were lower. Paris had a maximum of 31°, Berlin 30°, Frankfurt 28°. Bright sunshine was considerable, especially on the South and South West coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The Easterly wind is likely to decrease in force over England and Ireland, and more Southerly to South Westerly winds set in over Scotland, with a rise of temperature. The cone has been lowered over the Western parts of the English Channel.

FORECASTS *

For the 24 hours ending at NOON on 20th November 1902

DISTRICTS.

FORECASTS.

| | | |
|---|-----------------------|--|
| 0 | { SCOTLAND NORTH | } SE ^{ly} winds, strong, perhaps a gale in places; warmer, fair as a whole. |
| 1 | { SCOTLAND EAST | |
| 2 | { ENGLAND N.E. | |
| 3 | { ENGLAND EAST | E ^{ly} winds, strong; cloudy, fair. |
| 4 | { MIDLAND COUNTIES | E ^{ly} winds, fresh to moderate; cold, dry, fair. |
| 5 | { ENGLAND SOUTH | E ^{ly} winds, fresh, fair, but cloudy, cold. |

DISTRICTS.

FORECASTS.

| | | |
|----|--------------------|---|
| 6 | { SCOTLAND WEST | } SE ^{ly} winds, moderate to fresh; cold, fair. |
| 7 | { ENGLAND N.W. | |
| 8 | { ENGLAND S.W. | Same as No. 5 |
| 9 | { IRELAND NORTH | } SE ^{ly} winds, fresh, fair. |
| 10 | { IRELAND SOUTH | |

WARNINGS

At 7.15 pm. yesterday to Districts 1, 3, and 7 "hoist North Cone". at 11 a.m. to day to Districts 5 and part of 8 "Lower Cone". The signals are now flying in Districts 1, 2, 3, 7, 9, 10 and part of 8.

Note.—The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌴), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|------------|-------|----------|----------------------------|--------------|----|----|-------|----------|------|----------------|--------------|----|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. Ins. Change. | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | C | * | 3.8c | 41 | 33 | 6.7 | — |
| Newton Reigny (Penrith) ... | 30.40 | 34 | SE 2 | 3 | 30.26 | -15 | 35 | 33 | 0 | ESE 3 | 3c | 3c | 42 | 31 | 7.0 | — |
| Bath | 30.24 | 34 | E 2 | 0 | 30.15 | -16 | 32 | 30 | 0 | E 2 | 0 | — | 40 | 30 | 5.2 | — |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 42 | 29 | c, 3 | 5.6 | — | Worthing | * | * | * | 7.3 | * |
| Birmingham, 9 p.m. ... | 39 | 32 | 3 | 3.7 | — | Llandudno | * | * | * | 6.6 | * |
| Lowestoft, up to 6 p.m. ... | 44 | 36 | 3 | 6.4 | — | Rhyl up to 6 p.m. ... | * | * | * | 6.3 | * |
| Hastings | * | * | * | 7.5 | * | Southport, 9 p.m. ... | 42 | 31 | 3m | 4.1 | — |
| Eastbourne up to 6 p.m. ... | * | * | * | 7.3 | * | Manchester, 9 p.m. ... | 46 | 35 | 3 | 4.1 | — |
| Brighton | * | * | * | 7.3 | * | Darwen, 9 p.m. ... | 40 | 33 | c, 3v | 4.5 | — |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. 18.XI.02 | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. 17.XI.02 | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-------------------------------|-----------------|------|----------|---------|-----------------------|-----------------|------|----------|-----------------|
| | Max. | Min. | | | | Max. | Min. | | |
| Madeira (Funchal) | 70 | 54 | 0 7 | Ins. 39 | Algiers | 70 | 57 | 0 0 | 0.04 |
| Madrid | * | * | * | * | Tunis | 64 | 52 | 0 3 | 0.12 |
| Corsica (I. Sanguinaires) ... | 73 | 52 | f 3 | 0.24 | Vienna | 32 | 16 | 0 0 | — |
| Rome | 56 | 45 | 0 0 | — | St. Petersburg | 28 | 16 | 6 0 | — |
| Florence | 50 | 40 | 0 0 | — | Lugano | 41 | — | 1 pm | Measured 7 a.m. |
| Trieste | 57 | 27 | 6 0 | — | Davos | 25 | — | 0 | — |
| Naples | 55 | 45 | 0 0 | 0.12 | Lucerne | 34 | — | 0 | 0.04 |
| Palermo | 67 | 49 | 0 0 | 0.12 | Lausanne | — | — | — | — |
| Malta | 63 | 58 | ? c | 0.08 | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark, Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 19.XI.1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 7.22 | 11.38 | 3.53 |
| Greenwich | 7.26 | 11.45 | 4.5 |
| Wick | 8.12 | 11.57 | 3.43 |
| Valencia | 8.9 | 12.26 | 4.44 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and Reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on *Thursday, 20th November, 1902*

Issued by the Meteorological Office, 63, Victoria Street, London. *W. N. SHAW, Secretary.*

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|------------------|------------------------|--|-------------------------|--------------|--------|---------------------|---|---------------------------------|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|------------------|----------|----------------|------|-------------------------|-------------------|------|
| | | Barom. | Temp. | | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall. Ins. | |
| | | | At 82° and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | | | Max. | Min. | | | |
| | | | | | | | | | | | | | | | | | | | | | Ins. |
| SCANDINAVIA. | Haparanda | 30.41 | 26 | N | 2 | c | 30.06 | -20 | 30 | 30 | 0 | S | 2 | S | . | - | 34 | 25 | . | 0.04 | |
| | Hernösand | 30.48 | 39 | Z | 0 | b | 30.35 | -23 | 34 | 31 | +7 | Z | 0 | b | . | - | 39 | 27 | . | - | |
| | Stockholm | 30.53 | 29 | WSW | 2 | b | 30.44 | -23 | 27 | 26 | -1 | W | 2 | b | . | - | 32 | 25 | . | - | |
| | Wisby | 30.49 | 35 | NW | 6 | c | 30.42 | -29 | 37 | 35 | +3 | Z | 0 | o | . | - | 37 | 23 | . | - | |
| | Karlstad | 30.60 | 23 | NW | 2 | b | 30.50 | -26 | 25 | 24 | -4 | N | 2 | b | . | - | . | . | . | - | |
| | Färder (X'ania Fjord) | 30.60 | 28 | NNE | 4 | b | 30.56 | -20 | 31 | 30 | +2 | N | 4 | b | 2 | - | 31 | 25 | . | - | |
| | Bodö | 30.44 | 43 | SW | 6 | + | 30.28 | -19 | 40 | 39 | -4 | SW | 6 | o | 4 | - | 44 | 40 | . | 0.43 | |
| | Christiansund | 30.66 | 38 | SW | 2 | bc | 30.58 | -17 | 38 | 35 | +1 | WSW | 3 | o | 3 | - | 38 | 33 | . | - | |
| | Skudesnaes | 30.62 | 31 | Z | 0 | b | 30.54 | -19 | 28 | 28 | -2 | Z | 0 | b | 1 | b | 38 | 28 | . | . | |
| BRITISH ISLANDS. | Sumburgh Head | 30.49 | 42 | SE | 3 | b | 30.48 | -05 | 42 | 39 | 0 | SE | 1 | c | 5 | - | 46 | 41 | . | - | |
| | Stornoway | 30.32 | 43 | SE | 5 | b | 30.38 | +06 | 32 | 31 | -11 | Z | 0 | b | 2 | b | 47 | 30 | 5.7 | - | |
| | Malin Head | 30.19 | 40 | SE | 6 | b | 30.26 | +05 | 40 | 37 | +2 | SE | 5 | o | 2 | b | 42 | 36 | . | - | |
| | Blacksod Pt. | 30.15 | 38 | SE | 5 | bc | 30.18 | +13 | 38 | 33 | 0 | ESE | 4 | bc | 3 | bc | 39 | 35 | . | - | |
| | Valencia... | 30.07 | 41 | E | 3 | cm | 30.12 | +17 | 43 | 40 | +3 | E | 5 | o | 4 | cm, cm | 44 | 39 | 1.9 | - | |
| | Roche's Point | 30.11 | 42 | SE | 3 | o | 30.19 | +13 | 43 | 38 | 0 | SE | 3 | o | 2 | o | 43 | 37 | . | - | |
| | Parsonstown | 30.17 | 36 | SE | 3 | o | 30.23 | +10 | 27 | 26 | -9 | E | 1 | b | . | - | 39 | 26 | 3.9 | - | |
| | Donaghadee | 30.23 | 44 | SSE | 4 | bc | 30.29 | +04 | 44 | 40 | +2 | SSE | 4 | c | 4 | bc | 44 | 39 | . | - | |
| | Liverpool Obsy. | 30.20 | 35 | E | 2 | b | 30.26 | +02 | 37 | 34 | +3 | E | 2 | m | ? | bc | 39 | 33 | . | - | |
| GERMANY, &c. | Holyhead | 30.17 | 35 | NE | 1 | bc | 30.22 | +03 | 37 | 35 | +2 | ESE | 3 | cm | 2 | bc | 38 | 33 | . | - | |
| | Pembroke (St. Ann's) | 30.11 | 33 | ENE | 5 | o | 30.18 | +07 | 36 | 33 | +1 | NE | 4 | cm | 3 | - | 38 | 30 | 0.0 | - | |
| | Scilly (St. Mary's)... | 30.02 | 43 | ENE | 5 | o | 30.16 | +18 | 44 | 37 | -4 | ENE | 1 | b | 3 | o | 45 | 36 | 0.0 | - | |
| | Jersey (St. Aubins)... | 30.02 | 35 | E | 1 | o | 30.15 | +08 | 40 | 37 | +6 | N | 2 | cm | 2 | og | 40 | 33 | 0.0 | - | |
| | Portland Bill | 30.09 | 33 | NE | 3 | cm | 30.19 | +09 | 32 | 30 | 0 | NE | 2 | og | 2 | cm | 37 | 30 | . | - | |
| | Dungeness | 30.05 | 31 | E | 3 | b | 30.11 | +03 | 33 | 32 | +2 | N | 3 | bg | 1 | o, b | 33 | 28 | . | - | |
| | Wick | 30.42 | 44 | S | 6 | c | 30.42 | +01 | 44 | 41 | 0 | S | 5 | bc | 4 | - | ? | 40 | . | - | |
| | Nairn | 30.37 | 39 | SE | 2 | b | 30.40 | +02 | 33 | 32 | -7 | Z | 0 | b | 0 | - | 44 | 28 | . | - | |
| | Aburdeen | 30.40 | 42 | ESE | 5 | cg | 30.43 | -03 | 42 | 39 | 0 | SE | 2 | bc | 5 | bc, cg | 44 | 41 | 0.4 | - | |
| FRANCE. | Leith | 30.31 | 43 | E | 3 | o | 30.35 | -01 | 43 | 39 | +1 | E | 1 | bc | . | - | 45 | 40 | . | - | |
| | North Shields | 30.24 | 43 | ESE | 5 | c | 30.32 | -02 | 45 | 41 | +2 | E | 3 | c | 5 | o, c | 47 | 42 | . | - | |
| | Spurn Head | 30.14 | 39 | E | 7 | c | 30.19 | -03 | 43 | 40 | +3 | E | 6 | bc | 5 | c, g | 44 | 38 | . | - | |
| | Yarmouth | 30.08 | 35 | E | 6 | og | 30.15 | -04 | 36 | 33 | 0 | E | 5 | cg | 5 | o, og | 44 | 32 | . | - | |
| | Loughborough | 30.13 | 36 | ENE | 2 | b | 30.22 | -02 | 34 | 33 | +2 | NNW | 1 | cm | . | bc, cm | 38 | 32 | . | - | |
| | Oxford | 30.14 | 32 | E | 1 | o | 30.22 | +04 | 32 | 31 | 0 | NE | 2 | o | . | - | 34 | 31 | . | - | |
| | London (Brixton) | 30.08 | 33 | ENE | 2 | o | 30.18 | +05 | 34 | 32 | 0 | NE | 3 | og | . | og | 35 | 32 | 0.0 | - | |
| | The Scaw (Skagen) | 30.60 | 34 | NE | 2 | c | 30.50 | -25 | 33 | 33 | -2 | ENE | 1 | o | 0 | - | 37 | 30 | . | - | |
| | Fanö | 30.47 | 30 | ENE | 4 | b | 30.43 | -18 | 29 | 28 | +1 | NE | 2 | b | . | - | 36 | 28 | . | - | |
| SPAN. PEN. | Cuxhaven | 30.26 | 28 | E | 6 | b | 30.32 | -17 | 28 | 27 | +6 | E | 4 | b | . | - | 30 | 22 | . | - | |
| | The Helder | 30.17 | 26 | ESE | 5 | b | 30.20 | -05 | 22 | 20 | 0 | ESE | 5 | b | 5 | - | 28 | 21 | . | - | |
| | Brussels | . | . | . | . | . | 30.19 | +05 | 24 | 24 | +5 | E | 1 | s | . | - | 29 | 19 | . | - | |
| | Berlin | 30.40 | 21 | E | 3 | b | 30.36 | -22 | 17 | 16 | +3 | SE | 2 | b | . | - | 25 | 14 | . | - | |
| | Frankfurt | 30.10 | 26 | N | 4 | s | 30.19 | -02 | 23 | 22 | +5 | NE | 2 | bc | . | - | 34 | 18 | . | 0.20 | |
| | Munich | 29.94 | 28 | Z | 0 | bc | 30.10 | +08 | 24 | 23 | +6 | SW | 1 | b | . | - | 32 | 18 | . | - | |
| | C. Gris Nez | 30.08 | 23 | E | 3 | b | 30.13 | -03 | 28 | 28 | - | ESE | 3 | m | 2 | - | 28 | 23 | . | - | |
| | Brest | 30.04 | 37 | E | 2 | b | 30.18 | +14 | 44 | 42 | +9 | NW | 2 | o | 2 | - | 44 | 32 | . | - | |
| | Lorient | 30.03 | 33 | ENE | 2 | bc | 30.17 | +13 | 43 | 42 | +15 | NW | 2 | o | 2 | - | ? | ? | . | - | |
| SPAN. PEN. | Rochefort | 30.02 | 32 | NE | 2 | bc | 30.21 | +21 | 34 | 32 | +7 | ENE | 2 | o | . | bc | 37 | 24 | . | - | |
| | Biarritz | 30.00 | 40 | E | 4 | + | 30.25 | +25 | 37 | 37 | 0 | Z | 0 | c | 2 | - | 45 | 36 | . | 0.47 | |
| | Paris | 30.04 | 27 | NE | 2 | o | 30.18 | +17 | 28 | 27 | +3 | SW | 2 | o | . | - | 28 | 25 | . | 0.04 | |
| | Belfort | 30.05 | 21 | ENE | 3 | s | 30.13 | +13 | 21 | 19 | +1 | Z | 0 | s | . | - | 28 | 18 | . | 0.08 | |
| | Lyons | 30.08 | 29 | N | 1 | o | 30.25 | +25 | 24 | 24 | +3 | WNW | 1 | c | . | - | 37 | 21 | . | - | |
| SPAN. PEN. | Nice | 30.03 | 41 | SW | 2 | bc | 29.97 | -02 | 37 | 37 | +2 | E | 3 | f | 4 | - | 48 | 35 | . | 0.67 | |
| | Perpignan | 29.98 | 41 | Z | 0 | b | 30.08 | +10 | 43 | 37 | +2 | NW | 5 | b | . | - | 51 | 39 | . | - | |
| | Corunna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| SPAN. PEN. | Lisbon | 30.21 | 60 | WSW | 4 | o | 30.25 | -12 | 58 | 58 | - | SW | 2 | f | . | - | 64 | 57 | . | - | |
| | Azores (P. Delgada) | 30.01 | 64 | SW | 6 | b | 29.93 | -12 | 65 | 62 | +2 | SW | 7 | f | 6 | - | 68 | 63 | . | - | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Thursday 20th November, 1902.*

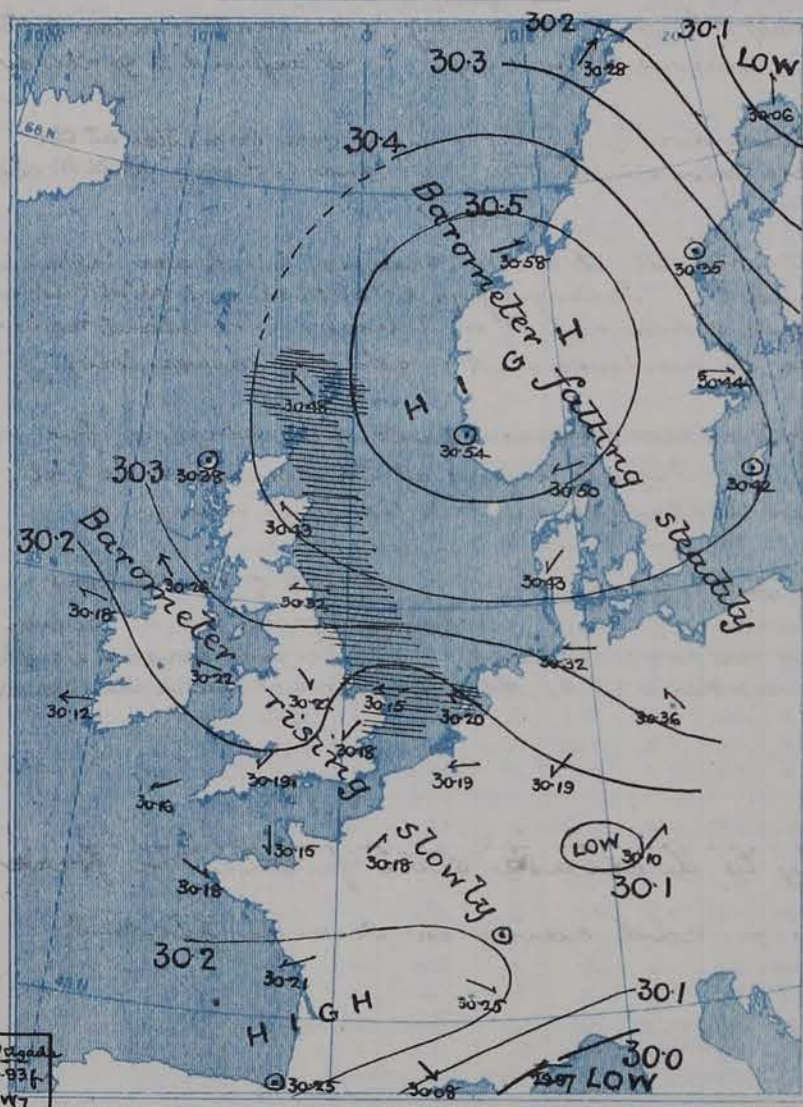
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 → }

SEA.—Rough High



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus: 0.6

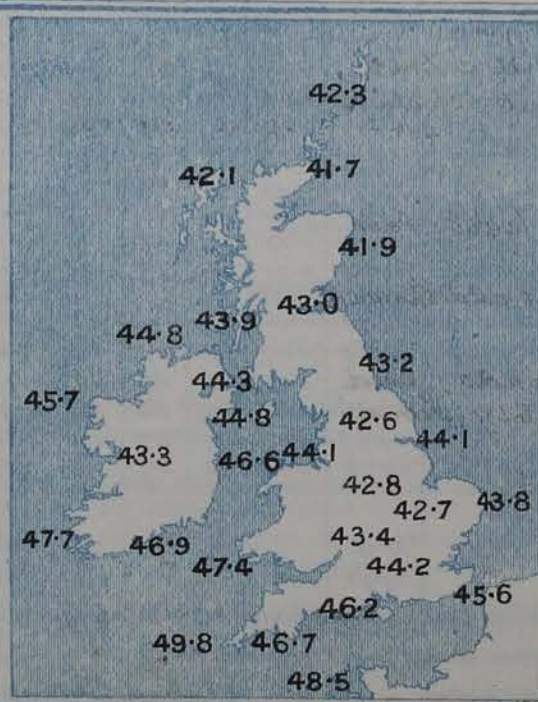


III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE at 8 A.M. for the monthly period NOVEMBER. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure this morning varies from 30.58 ins. at Christiansund and 30.25 ins. both at Biarritz and Lyons to 30.12 ins. at Valencia, 30.11 ins. at Dungeness, 30.10 ins. at Munich, and 29.97 ins. at Nice. The distribution is therefore very complex; the anti-cyclone over Scandinavia is moving slowly W., and giving way, a new and similar system has appeared over the S.W. of France and the various shallow depressions referred to yesterday are filling up.

The Easterly wind in our Islands is dying down, and becoming very variable at the southern stations, light variable breezes are reported from the north, and a strong South Westery wind in Lapland.

WIND

TEMPERATURE

Temperature is now rising over the Continent: it has not changed much over England but has fallen both over Ireland and Scotland. It ranges from 44° at Wick and 43° at Valencia and Spurn Head to 32° at Oxford, 27° at Parsonstown and 33° at Nairn. The inland readings are much below the average, and those on our south west coasts are rather low.

WEATHER

AND

SEA

The weather is dull and very cloudy over the southern parts of the Kingdom, fair in the west and north, and over Germany. Snow is falling at Brussels and Belfort. Sea is rough in the east, smooth in the English, slight in the Irish Channels.

During yesterday the thermometer did not rise above 47° at any of our stations; at Oxford the maximum was only 34°, at Dungeness 33°. Rain (or snow) fell at several continental stations, only a few spots at the home stations. Several hours of Bright Sunshine were registered over the north western parts of the Kingdom, none in the south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The Easterly wind is likely to decrease still further in force and become variable; snow or cold rain in several places.

FORECASTS *

For the 24 hours ending at NOON on 21st. November 1902

DISTRICTS.

FORECASTS.

| | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | Variable winds and calms; cold and fine, but changeable later. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | Ely winds, falling light: fair |
| 3 | ENGLAND EAST | to unsettled, perhaps cold showers. |
| 4 | MIDLAND COUNTIES | Light variable winds; cold, hazy, dull, possibly some snow. |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

| | | |
|----------|---------------|---|
| 6 | SCOTLAND WEST | Same as No. 0 and 1. |
| 7 | ENGLAND N.W. | SEly winds, light; fair. |
| 8 | ENGLAND S.W. | Same as No. 4 and 5. |
| 9 | IRELAND NORTH | Same as No. 7 |
| 10 | IRELAND SOUTH | Ely and varying winds: changeable weather. |
| WARNINGS | | At 10.15 a.m. to day to Districts 1, 7, and 9 "LOWER CONE". Signals are now down on all coasts. |

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|----------------|----------|--------------|-----------|------------------------|-------------------|
| | Bar. Inch. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Inch. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | 0 | * | 0 | 35 | 32 | 0.0 | — |
| Newton Reigny (Penrith) | 30.23 | 37 | SE 2 | bc | 30.30 | +0.4 | 37 | 35 | +2 | NE 1 | C | * | C | 41 | 34 | 4.0 | — |
| Bath | 30.10 | 33 | E 2 | 0 | 30.21 | +0.6 | 32 | 30 | 0 | SE 1 | 0 | * | — | 34 | 31 | 0.0 | — |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Inch. | STATIONS. | TEMPERATURE. | | Weather. | Sun- shine. Hrs. | Rainfall. Inch. |
|-----------------------------|--------------|------|----------|-------------------|--------------------|------------------------|--------------|------|----------|------------------------|--------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 42 | 31 | c, bc | 4.4 | — | Worthing | * | * | * | 0.3 | * |
| Birmingham, 9 p.m. ... | 36 | 30 | 0 | 6.3 | — | Llandudno | * | * | * | 4.8 | * |
| Lowestoft, up to 6 p.m. ... | 38 | 32 | bc, 0 | 0.2 | — | Rhyl up to 6 p.m. ... | * | * | * | 5.0 | * |
| Hastings | * | * | * | 0.0 | * | Southport, 9 p.m. ... | 40 | 30 | bm, 0 | 4.3 | — |
| Eastbourne up to 6 p.m. ... | * | * | * | 0.0 | * | Manchester, 9 p.m. ... | 42 | 34 | C, b | 3.6 | — |
| Brighton | * | * | * | 0.0 | * | Darwen, 9 p.m. ... | 38 | 32 | C, b, og | 5.5 | — |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-------------------------------|------------------------------|------|----------|-------|-----------------------|-----------------|------|----------|-----------------|
| | Max. | Min. | | | | Max. | Min. | | |
| 19. XI. 02 | Inform ⁿ not Recd | | | Ins. | 19. XI. 02 | not recd | | | Ins. |
| Madeira (Funchal) | | | | | Algiers | | | | |
| Madrid | | | | | Tunis | | | | |
| Corsica (I. Sanguinaires) ... | | | | | Vienna | | | | |
| Rome | | | | | St. Petersburg | | | | |
| Florence | | | | | 18. XI. 02 | 1 p.m. | | | Measured 7 a.m. |
| Trieste | | | | | Lugano | 34 | — | S | — |
| Naples | | | | | Davos | 28 | — | 0 | — |
| Palermo | | | | | Lucerne | 27 | — | S | 0.04 |
| Malta | | | | | Lausanne | 27 | — | S | 0.04 |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 3 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 20. XI. 1902 | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 7.24 | 11.39 | 3.54 |
| Greenwich | 7.28 | 11.46 | 4.4 |
| Wick | 8.14 | 11.58 | 3.42 |
| Valencia | 8.11 | 12.27 | 4.43 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ „ £1 10 0 „ Single Copies, 6d.

Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Friday, 21st November, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|------------------|--|--------------|--------|------------------------|----------|---|------------------------------------|--------------|--------------|------------------------------------|--------|------------------------|----------|---------------------|----------|----------------|------|-------------------------|------------------|
| | Barom. | Temp. | Wind. | | | Barometer. | Temperature. | | | | Wind. | | | | | Temp. | | | |
| | At 82° and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | Weather. | At 82° Fabr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | Force (0 to 12.) | Weather. | Sea (0 to 9.) | Weather. | Max. | Min. | Sun- shine. Hours | Rainfall Ins. |
| | Ins. | | | | | Ins. | Ins. | ° | ° | | | | | | | | | | |
| SCANDINAVIA. | Haparanda | 29.83 | 32 | NW | 6 | 30.19 | +13 | ? | ? | | NE | 4 | c | * | - | 37 | 23 | * | - |
| | Hernösand | 30.10 | 40 | NW | 4 | 30.21 | -14 | 36 | 33 | +2 | N | 4 | b | * | - | 41 | 32 | * | - |
| | Stockholm | 30.21 | 30 | W | 2 | 30.20 | -24 | 33 | 31 | +6 | NNW | 4 | b | * | - | 34 | 25 | * | - |
| | Wisby | 30.26 | 35 | N | 4 | 30.15 | -27 | 38 | 36 | +1 | N | 4 | c | * | - | 41 | 30 | * | - |
| | Karlstad | 30.37 | 26 | N | 2 | 30.34 | -16 | 27 | 26 | +2 | N | 2 | b | * | - | * | * | * | - |
| | Færder (X'iania Fjord) | 30.43 | 32 | NNW | 2 | 30.37 | -19 | 29 | 27 | -2 | N | 3 | b | 2 | - | 41 | ? | * | - |
| | Bodö | 30.20 | 39 | W | 4 | 30.29 | +01 | 37 | 34 | -3 | NW | 4 | c | 2 | - | 43 | 36 | * | 0.08 |
| | Christiansund | 30.47 | 42 | WSW | 2 | 30.42 | -16 | 40 | 39 | +2 | WSW | 2 | o | 3 | - | 42 | 38 | * | - |
| BRITISH ISLANDS. | Skudesnaes | 30.46 | 32 | Z | 0 | 30.36 | -18 | 26 | 25 | -2 | Z | 0 | b | 1 | b | 37 | 25 | * | * |
| | Sumburgh Head | 30.46 | 40 | SE | 2 | 30.31 | -17 | 42 | 39 | 0 | SE | 2 | o | 4 | b,c | 51 | 39 | * | - |
| | Stornoway | 30.33 | 40 | ESE | 2 | 30.12 | -26 | 40 | 38 | +8 | SE | 3 | b | 2 | b | 49 | 30 | 5.7 | - |
| | Malin Head | 30.21 | 41 | SE | 5 | 30.05 | -21 | 38 | 35 | -2 | SE | 6 | b,c | 3 | b,c | 43 | 38 | * | - |
| | Blackod Pt. | 30.10 | 39 | SE | 6 | 29.80 | -38 | 43 | 40 | +5 | SE | 8 | cm | 6 | b | 43 | 38 | * | - |
| | Valencia | 30.02 | 45 | ESE | 5 | 29.69 | -43 | 47 | 44 | +4 | ESE | 7 | omg | 5 | bcm,o | 47 | 42 | 0.6 | - |
| | Roche's Point | 30.13 | 45 | SE | 3 | 29.87 | -32 | 49 | 44 | +6 | SE | 9 | og | 7 | o | 49 | 40 | * | - |
| | Parsonstown | 30.16 | 36 | SE | 3 | 29.95 | -28 | 42 | 39 | +15 | ESE | 5 | og | * | - | 42 | 26 | 5.1 | - |
| GERMANY, &c. | Donaghadee | 30.27 | 46 | SE | 4 | 30.19 | -10 | 41 | 38 | -3 | SE | 5 | o | 4 | - | 46 | 39 | * | - |
| | Liverpool Obsy. | 30.26 | 39 | E | 3 | 30.26 | 00 | 32 | 31 | -5 | SE | 4 | b,c | ? | - | 42 | 31 | * | - |
| | Holyhead | 30.23 | 38 | ESE | 1 | 30.18 | -04 | 33 | 32 | -4 | ESE | 1 | b | 1 | c,b | 41 | 32 | * | - |
| | Pembroke (St. Ann's) | 30.20 | 36 | E | 4 | 30.03 | -15 | 44 | 40 | +8 | SE | 7 | cgqu | 6 | o,q | 45 | 35 | 1.5 | - |
| | Scilly (St. Mary's) | 30.13 | 44 | E | 2 | 29.90 | -26 | 45 | 43 | +4 | ESE | 7 | c | 5 | c | 48 | 37 | 3.7 | - |
| | Jersey (St. Aubins) | 30.19 | 40 | ENE | 3 | 30.20 | +05 | 35 | 33 | -5 | ESE | 5 | o | 4 | ogm | 42 | 34 | 0.0 | - |
| | Portland Bill | 30.22 | 34 | NE | 2 | 30.17 | -02 | 41 | 38 | +9 | SE | 5 | c | 4 | o | 42 | 31 | * | - |
| | Dungeness | 30.26 | 34 | E | 3 | 30.26 | +15 | 34 | 33 | +1 | N | 2 | cg | 1 | b,c | 36 | 28 | * | - |
| FRANCE. | Wick | 30.41 | 44 | S | 5 | 30.25 | -17 | 43 | 41 | -1 | S | 4 | b,c | 3 | - | 46 | 42 | * | - |
| | Nairn | 30.37 | 39 | SE | 1 | 30.22 | -18 | 30 | 29 | -3 | Z | 0 | b | 1 | - | 41 | 25 | * | - |
| | Aburdeen | 30.42 | 43 | E | 2 | 30.30 | -13 | 43 | 40 | +1 | SE | 3 | c | 3 | b,c | 46 | 41 | 2.8 | - |
| | Leith | 30.34 | 40 | E | 1 | 30.26 | -09 | 34 | 33 | -9 | SE | 1 | b | 2 | - | 48 | 34 | * | - |
| | North Shields | 30.33 | 45 | E | 3 | 30.31 | -01 | 33 | 32 | -12 | SSW | 2 | cm | 4 | c,b,c | 47 | 33 | * | - |
| | Spurn Head | 30.28 | 39 | ESE | 5 | 30.31 | +12 | 37 | 36 | -6 | NW | 2 | c | 2 | - | 44 | 35 | * | - |
| | Yarmouth | 30.27 | 38 | ESE | 3 | 30.27 | +12 | 40 | 37 | +4 | ENE | 4 | b | 4 | c,o | 40 | 34 | * | - |
| | Loughborough | 30.30 | 34 | E | 2 | 30.32 | +10 | 32 | 30 | -2 | ESE | 2 | ogm | * | b,c,gm | 40 | 30 | * | - |
| SPAN. PEN. | Oxford | 30.30 | 33 | ENE | 2 | 30.30 | +08 | 29 | 28 | -3 | E | 2 | b | * | osp | 34 | 29 | * | - |
| | London (Brixton) | 30.27 | 34 | ENE | 1 | 30.29 | +11 | 31 | 30 | -3 | Z | 0 | ogm | * | og,b | 35 | 29 | 0.0 | - |
| | The Scaw (Skagen) | 30.40 | 34 | Z | 0 | 30.36 | -14 | 37 | 37 | +4 | NE | 2 | b | 0 | - | 37 | 32 | * | - |
| | Fanö | 30.42 | 27 | NE | 2 | 30.39 | -04 | 27 | 27 | -2 | Z | 0 | o | * | - | 36 | 25 | * | - |
| | Cuxhaven | 30.37 | 33 | E | 3 | 30.36 | +04 | 29 | 28 | +1 | ENE | 1 | b | * | - | 36 | 25 | * | - |
| | The Helder | 30.31 | 28 | E | 1 | 30.30 | +10 | 29 | 27 | +7 | E | 1 | b | 0 | - | 32 | 21 | * | - |
| | Brussels | * | * | * | * | 30.31 | +12 | 17 | 17 | -7 | ENE | 1 | b | * | - | 32 | 16 | * | 0.04 |
| | Berlin | 30.34 | 38 | SE | 2 | 30.32 | -04 | 21 | 20 | +4 | E | 1 | f | * | - | ? | ? | * | - |
| FRANCE. | Frankfurt | 30.27 | 25 | N | 2 | 30.28 | +09 | 20 | 19 | -3 | NE | 2 | b | * | - | 32 | 18 | * | - |
| | Munich | 30.15 | 29 | SW | 3 | 30.16 | +06 | 26 | 25 | +2 | E | 3 | o | * | - | 30 | 24 | * | - |
| | C. Gris Nez | 30.26 | 28 | SE | 3 | 30.25 | +12 | 30 | 30 | +2 | S | 2 | m | 1 | - | 32 | 26 | * | - |
| | Brest | 30.19 | 39 | NE | 2 | 30.02 | -16 | 42 | 41 | -2 | ESE | 4 | o | 1 | - | 45 | 37 | * | - |
| | Lorient | 30.18 | 43 | N | 3 | 30.10 | -07 | 39 | 39 | -4 | SE | 5 | m | 4 | - | 46 | 37 | * | - |
| | Rochefort | 30.20 | 39 | SSE | 3 | 30.15 | -06 | 34 | 33 | 0 | SE | 4 | b | * | o | 41 | 32 | * | - |
| | Biarritz | 30.25 | 44 | E | 3 | 30.15 | -10 | 43 | 41 | +6 | ESE | 3 | o | 2 | - | 48 | 37 | * | - |
| | Paris | 30.34 | 28 | SE | 3 | 30.29 | +11 | 21 | 21 | -7 | NE | 2 | b | * | - | 32 | 20 | * | - |
| SPAN. PEN. | Belfort | 30.24 | 25 | ENE | 3 | 30.20 | +07 | 24 | 24 | +3 | E | 2 | f | * | - | 28 | 21 | * | 0.12 |
| | Lyons | 30.33 | 24 | ? | 3 | 30.24 | -01 | 25 | 24 | +1 | NW | 2 | s | * | - | 30 | 20 | * | - |
| | Nice | 29.94 | 40 | ENE | 2 | 29.91 | -06 | 33 | 33 | -4 | ENE | 2 | + | 5 | - | 50 | 32 | * | 0.91 |
| | Perpignan | 30.20 | 40 | NW | 2 | 30.11 | +03 | 40 | 35 | -3 | NE | 2 | o | * | - | 48 | 35 | * | - |
| SPAN. PEN. | Corunna | | | | | | | | | | | | | | | | | * | - |
| | Lisbon | | | | | | | | | | | | | | | | | * | - |
| | Azores (P. Delgada) | 30.12 | 57 | NNW | 4 | 30.19 | +26 | 55 | 50 | -10 | NW | 4 | b,c | 3 | - | 66 | 54 | * | - |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Friday, 21st November, 1902.

I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10

Force 5 to 7

Calm

Force 8 to 10

Force 1 to 4

SEA.—Rough

High

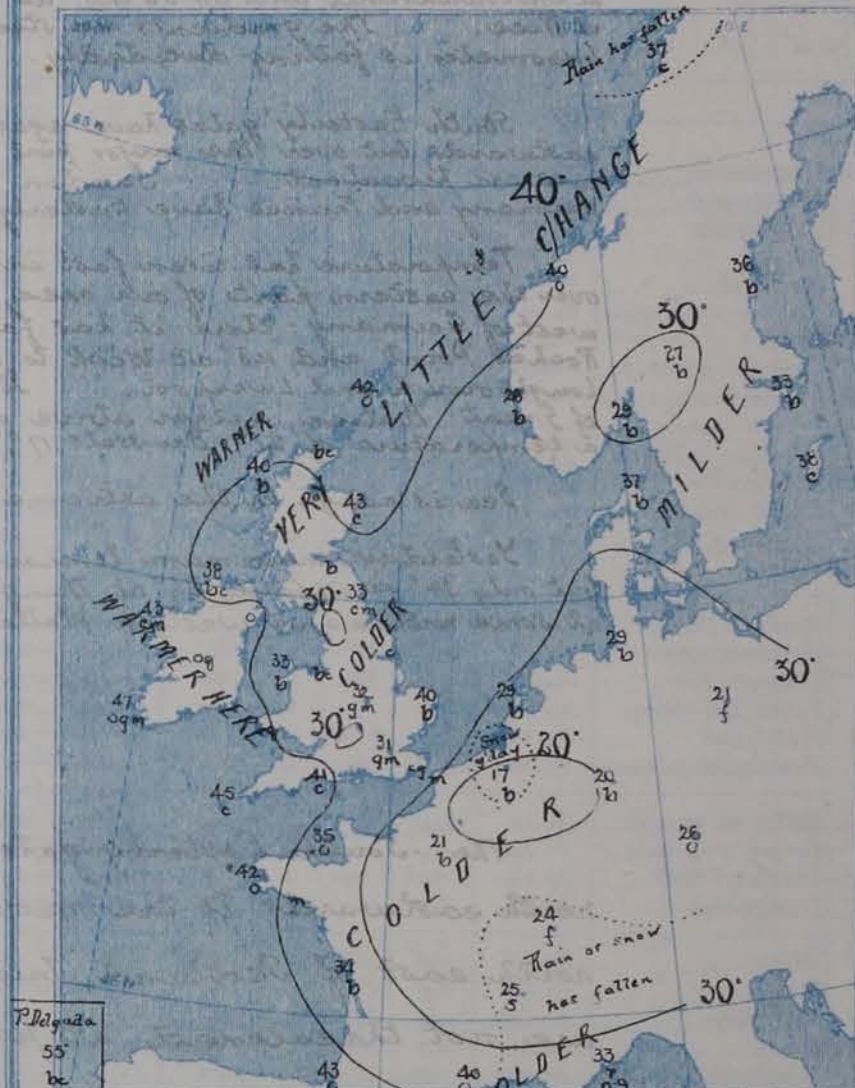


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus: .105.



III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE at 8 A.M. for the monthly period NOVEMBER. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure remains highest over the southern part of Norway, the North Sea, and North Germany, and is lowest off our extreme western coasts, and the north eastern part of the Mediterranean. The actual readings range from 30.42 ins. at Christiansund and 30.36 ins. at Cuxhaven to 29.69 ins. at Valencia and 29.91 ins. at Nice. The gradients are steepest over Ireland, and in that region the barometer is falling decidedly.

WIND TEMPERATURE WEATHER AND SEA

South Easterly gales have again set in at the Irish stations and are spreading eastwards, but over the major part of Great Britain and the North Sea variable airs are prevalent. Sweden reports light breezes from the Northward, Germany and France have Easterly and North Easterly airs.

Temperature has risen fast in Ireland but has not changed at all decidedly over the eastern parts of our area, except in the north east of France, and north west of Germany: there it has fallen. In our Islands it ranges from 49° at Rock Point and 43° at Wick to 28° at Newton Reigny, 29° at Oxford, and 32° at Loughborough and Liverpool. It is much below the average over the inland parts of Great Britain, rather above on the Irish Coasts. Paris and Berlin report a temperature of 21°, Brussels 17°, Karlsruhe 27°.

Sea is rough in the extreme west and south west, moderate elsewhere.

Yesterday's maximum temperature was 49° at Rock Point, 48° at Aberdeen, but only 34° at Oxford, 36° at Dungeness. Bright Sunshine was considerable at some northern and western stations; in the south there was none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The South Easterly gales are likely to spread eastwards and north eastwards to the mouth of the English Channel and the north east of Scotland, but the east and south east of England are not threatened at present.

FORECASTS *

For the 24 hours ending at NOON on 22nd November 1902

DISTRICTS.

FORECASTS.

| | | |
|----|------------------|--|
| 10 | SCOTLAND NORTH | SE ^{ly} winds, increasing in force, perhaps a gale. Some cold rain or snow. |
| 11 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | Varying breezes, chiefly E ^{ly} . cold, foggy, or fair. |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

| | | |
|----------|---------------|---|
| 6 | SCOTLAND WEST | SE ^{ly} gales and strong winds, rainy, rather warmer. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | |
| 9 | IRELAND NORTH | |
| 10 | IRELAND SOUTH | |
| WARNINGS | | At 7.15 p.m. yesterday to Districts 10 and part of 9, and at 10 a.m. to day to Districts 6, 7, 8, part of 1, and the remainder of 9, "HIST SOUTH CONE". |

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|----------------|----------|--------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | bc | * | o,c | 37 | 33 | 0.5 | — |
| Newton Reigny (Penrith) | 30.26 | 40 | ESE 3 | c | 30.24 | -.06 | 28 | 28 | -9 | SE 1 | 3 | * | c,om | 44 | 27 | 5.0 | — |
| Bath | 30.24 | 34 | NE 2 | o | 30.24 | +0.03 | 32 | 32 | 0 | E 3 | 0 | * | — | 35 | 29 | 0.0 | — |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 44 | 34 | c | 6.0 | — | Worthing | * | * | * | 0.0 | * |
| Birmingham, 9 p.m. ... | 37 | 30 | o | 0.0 | — | Llandudno | * | * | * | 0.5 | * |
| Lowestoft, up to 6 p.m. ... | 44 | 34 | o,c | 0.0 | — | Rhyl up to 6 p.m. ... | * | * | * | 0.8 | * |
| Hastings | * | * | * | 0.0 | * | Southport, 9 p.m. ... | 43 | 32 | o,c,b,o | 2.4 | — |
| Eastbourne up to 6 p.m. ... | * | * | * | 0.0 | * | Manchester, 9 p.m. ... | 47 | 35 | bc,o | 1.9 | — |
| Brighton | * | * | * | 0.0 | * | Darwen, 9 p.m. ... | 41 | 31 | c,omg,cv | 1.8 | — |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-------------------------------|-----------------|------|----------|-------|-----------------------|-----------------|------|----------|-----------------|
| | Max. | Min. | | | | Max. | Min. | | |
| 20. XI. 02 | | | | | 20. XI. 02 | | | | |
| Madeira (Funchal) | 72 | 54 | b c | Ins. | Algiers | 72 | 59 | c c | Ins. |
| Madrid | 58 | 46 | o c | — | Tunis | 66 | 55 | c o | — |
| Corsica (I. Sanguinaires) ... | 73 | 50 | m m | 0.32 | Vienna | 28 | 23 | b o | — |
| Rome | 56 | 46 | a o | 0.24 | St. Petersburg | 34 | 25 | o b | — |
| Florence | 42 | 40 | o o | 0.04 | 19. Nov. 02 | 1 p.m. | | 1 p.m. | Measured 7 a.m. |
| Trieste | 32 | 25 | s o | — | Lugano | 28 | — | s | 0.20 |
| Naples | 57 | 50 | b c | 0.39 | Davos | 30 | — | o | — |
| Palermo | 71 | 52 | o o | — | Lucerne | 30 | — | o | 0.12 |
| Malta | 69 | 59 | e bc | — | Lausanne | 32 | — | s | 0.16 |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 21. NOV., 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 7. 26 | 11. 39 | 3. 52 |
| Greenwich | 7. 29 | 11. 46 | 4. 3 |
| Wick | 8. 16 | 11. 58 | 3. 40 |
| Valencia | 8. 12 | 12. 27 | 4. 42 |

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on *Saturday, 22nd November, 1902*

Issued by the Meteorological Office, 63, Victoria Street, London. *W. N. SHAW, Secretary.*

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | | |
|------------------|---------------------------|--|--------------|--------|------------------------|----------|---------------------------------|---|--------------|--------------|------------------------------------|--------|------------------------|----------|------|------------------|----------|----------------|------|-------------------------|-------------------|------|---|
| | | BAROM. | | TEMP. | | WIND. | | BAROMETER. | | TEMPERATURE. | | | | WIND. | | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine. Hours | Rainfall. Ins. | | |
| | | At 32° and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | Weather. | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | Weather. | Max. | | | Min. | | | | | |
| | | | | | | | | | | | | | | | | | | | Ins. | | | Ins. | ° |
| SCANDINAVIA. | Haparanda ... | 30.10 | 22 | SW | 2 | 0 | 29.66 | -53 | 27 | 26 | ? | W | 2 | c | * | - | 32 | 14 | * | - | | | |
| | Hernösand ... | 30.25 | 30 | Z | 0 | 0 | 30.02 | -19 | 34 | 32 | -2 | Z | 0 | b | * | - | 41 | 25 | * | - | | | |
| | Stockholm ... | 30.33 | 30 | Z | 0 | 0 | 30.21 | +01 | 31 | 30 | -2 | SW | 2 | b | * | - | 37 | 27 | * | - | | | |
| | Wisby ... | 30.30 | 32 | N | 2 | 0 | 30.27 | +12 | 37 | 35 | -1 | W | 2 | c | * | - | 41 | 23 | * | - | | | |
| | Karlstad ... | 30.35 | 27 | NW | 2 | 0 | 30.23 | -11 | 20 | 19 | -7 | N | 2 | b | * | - | * | * | * | - | | | |
| | Lärder (X'ania Fjord) ... | 30.37 | 32 | WNW | 2 | 0 | 30.23 | -14 | 36 | 34 | +7 | WSW | 4 | b | 2 | - | 36 | 28 | * | - | | | |
| | Bodö ... | 30.04 | 40 | SW | 6 | + | 29.81 | -48 | 39 | 37 | +2 | WNW | 6 | o | 3 | - | 40 | 34 | * | - | | | |
| BRITISH ISLANDS. | Christiansund ... | 30.30 | 36 | WSW | 2 | 0 | 30.14 | -28 | 41 | 36 | +1 | SW | 4 | o | 3 | - | 41 | 34 | * | - | | | |
| | Skudesnaes ... | 30.36 | 40 | SSE | 2 | bc | 30.26 | -10 | 39 | 37 | +13 | SSE | 2 | o | 2 | b, bc | 45 | 26 | * | - | | | |
| | Sumburgh Head ... | 30.19 | 42 | S | 2 | 0 | 29.99 | -32 | 43 | 40 | +1 | S | 4 | bc | 4 | c, o | 44 | 41 | * | - | | | |
| | Stornoway ... | 30.00 | 42 | SE | 1 | 0 | 29.75 | -37 | 47 | 40 | +7 | S | 4 | og | 4 | b | 51 | 39 | 5.5 | - | | | |
| | Malin Head ... | 29.87 | 38 | SE | 8 | bcgm | 29.66 | -39 | 45 | 44 | +7 | SE | 6 | cp | 4 | b, bc, gm | 45 | 38 | * | - | | | |
| | Blacksod Pt. ... | 29.65 | 44 | SE | 8 | rgm | 29.62 | -18 | 52 | 49 | +9 | SSW | 6 | cpm | 5 | rm, gm | 52 | 43 | * | 0.30 | | | |
| | Valencia ... | 29.60 | 53 | SSE | 6 | 0 | 29.73 | +04 | 48 | 47 | +1 | S | 2 | op | 5 | rgm, o | 53 | 46 | 0.0 | 0.96 | | | |
| GERMANY, &c. | Roche's Point ... | 29.73 | 50 | SE | 10 | od | 29.79 | -08 | 50 | 49 | +1 | SW | 4 | c | 5 | o, od | 52 | 47 | * | 0.41 | | | |
| | Parsonstown ... | 29.80 | 42 | SE | 8 | + | 29.75 | -20 | 46 | 45 | +4 | SE | 2 | c | * | ogt | 49 | 41 | 0.0 | 0.05 | | | |
| | Donaghadee ... | 30.07 | 42 | SE | 8 | 0 | 29.87 | -32 | 46 | 45 | +5 | SSE | 3 | + | 3 | - | 46 | 38 | * | 0.07 | | | |
| | Liverpool Obsy. ... | 30.12 | 33 | SE | 4 | bc | 29.99 | -27 | 34 | 33 | +2 | SE | 5 | o | ? | om, bc | 36 | 31 | * | - | | | |
| | Holyhead ... | 30.03 | 36 | ESE | 2 | 0 | 29.92 | -26 | 44 | 43 | +11 | S | 4 | op | 3 | bc, b | 44 | 32 | * | 0.02 | | | |
| | Pembroke (St. Ann's) ... | 29.91 | 45 | SE | 7 | c | 29.88 | -15 | 48 | 47 | +4 | SSE | 6 | ogp, gm | 6 | - | 49 | 39 | 0.3 | 0.12 | | | |
| | Scilly (St. Mary's) ... | 29.81 | 47 | ESE | 8 | ot | 29.89 | -01 | 52 | 51 | +7 | SSW | 4 | c | 5 | ot | 52 | 43 | 0.0 | 0.30 | | | |
| FRANCE. | Jersey (St. Aubins) ... | 30.10 | 38 | ESE | 5 | bc | 30.11 | -09 | 36 | 35 | +1 | SE | 5 | om | 4 | b, bc | 40 | 35 | 6.5 | - | | | |
| | Portland Bill ... | 30.08 | 41 | SE | 6 | 0 | 30.06 | -11 | 41 | 39 | 0 | SSE | 5 | c | 4 | c | 44 | 38 | * | - | | | |
| | Dungeness ... | 30.17 | 37 | ESE | 3 | 0 | 30.16 | -10 | 35 | 33 | +1 | S | 4 | gm | 2 | c, b | 39 | 32 | * | - | | | |
| | Wick ... | 30.14 | 44 | S | 6 | bc | 29.90 | -35 | 44 | 41 | +1 | S | 5 | bc | 4 | - | 45 | 41 | * | - | | | |
| | Nairn ... | 30.10 | 30 | Z | 0 | 0 | 29.89 | -33 | 34 | 34 | +4 | E | 1 | c | 1 | - | 45 | 25 | * | - | | | |
| | Aberdeen ... | 30.18 | 44 | SSE | 3 | bc | 30.00 | -30 | 43 | 40 | 0 | SSE | 4 | cg | 4 | bc | 46 | 43 | 1.9 | - | | | |
| | Leith ... | 30.15 | 37 | E | 1 | 0 | 29.97 | -29 | 30 | 29 | -4 | SE | 1 | bm | * | - | 43 | 30 | * | - | | | |
| SPAN. PEN. | North Shields ... | 30.20 | 37 | SSW | 1 | bm | 30.07 | -24 | 33 | 32 | 0 | S | 2 | c | 3 | c, bm | 42 | 33 | * | - | | | |
| | Spurn Head ... | 30.18 | 43 | ESE | 5 | 0 | 30.13 | -18 | 34 | 34 | -3 | SSE | 4 | c | 3 | - | 46 | 33 | * | - | | | |
| | Yarmouth ... | 30.20 | 41 | ESE | 5 | bc | 30.16 | -11 | 38 | 36 | -2 | SSE | 3 | bc | 4 | b, bc | 42 | 35 | * | - | | | |
| | Loughborough ... | 30.19 | 29 | SE | 1 | 0 | 30.13 | -19 | 31 | 30 | -1 | SE | 2 | ogm | * | c, b, omg | 40 | 26 | * | - | | | |
| | Oxford ... | 30.16 | 36 | ESE | 2 | 0 | 30.13 | -17 | 34 | 33 | +5 | SE | 1 | c | * | o | 38 | 28 | * | - | | | |
| | London (Brixton) ... | 30.20 | 34 | ESE | 1 | og | 30.16 | -13 | 34 | 32 | +3 | SSE | 2 | og | * | ogf, b | 39 | 30 | 0.0 | - | | | |
| | The Scaw (Skagen) ... | 30.37 | 32 | Z | 0 | 0 | 30.30 | -06 | 33 | 33 | -4 | SW | 2 | b | 0 | - | 39 | 30 | * | - | | | |
| GERMANY, &c. | Fanö ... | 30.38 | 31 | SE | 1 | 0 | 30.35 | -04 | 32 | 31 | +5 | SE | 1 | o | * | - | 32 | 27 | * | - | | | |
| | Cuxhaven ... | 30.35 | 30 | NE | 1 | 0 | 30.34 | -02 | 31 | 31 | +2 | SSE | 1 | o | * | b, f | 34 | 28 | * | - | | | |
| | The Helder ... | 30.26 | 30 | ESE | 1 | 0 | 30.23 | -07 | 23 | 22 | -6 | SE | 1 | b | 0 | - | 34 | 23 | * | - | | | |
| | Brussels ... | * | * | * | * | * | 30.26 | -05 | 23 | 20 | +6 | NE | 1 | b | * | - | 30 | 17 | * | - | | | |
| | Berlin ... | 30.31 | 31 | NW | 1 | 0 | 30.38 | +06 | 31 | 31 | +10 | SE | 1 | c | * | - | 32 | 21 | * | - | | | |
| | Frankfurt ... | 30.29 | 23 | NE | 2 | 0 | 30.32 | +04 | 17 | 16 | -3 | NE | 2 | b | * | - | 32 | 16 | * | - | | | |
| | Munich ... | 30.19 | 22 | SE | 4 | 0 | 30.23 | +07 | 16 | 16 | -10 | E | 3 | b | * | - | 28 | 14 | * | - | | | |
| FRANCE. | C. Gris Nez ... | 30.19 | 26 | E | 3 | 0 | 30.20 | -05 | 23 | 23 | -7 | SSE | 3 | b | 2 | - | 36 | 21 | * | - | | | |
| | Brest ... | 29.93 | 42 | ESE | 5 | + | 29.93 | -09 | 45 | 45 | +3 | SE | 4 | + | 7 | - | 45 | 41 | * | 0.51 | | | |
| | Lorient ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | |
| | Rochefort ... | 30.05 | 39 | E | 4 | 0 | 30.10 | -05 | 34 | 33 | 0 | E | 3 | o | * | c | 43 | 32 | * | 0.12 | | | |
| | Biarritz ... | 30.00 | 45 | E | 5 | 0 | 30.15 | 00 | 53 | 52 | +10 | Z | 0 | c | 5 | - | 54 | 41 | * | 0.04 | | | |
| | Paris ... | 30.23 | 27 | E | 3 | 0 | 30.21 | -08 | 17 | 17 | -4 | NE | 2 | b | * | - | 28 | 16 | * | - | | | |
| | Belfort ... | 30.19 | 24 | ENE | 3 | m | 30.22 | +02 | 14 | 14 | -10 | ENE | 6 | f | * | - | 27 | 14 | * | - | | | |
| SPAN. PEN. | Lyons ... | 30.23 | 28 | NW | 1 | 0 | 30.22 | -02 | 26 | 26 | +1 | N | 1 | o | * | - | 29 | 25 | * | - | | | |
| | Nice ... | 29.95 | 43 | Z | 0 | 0 | 30.11 | +20 | 38 | 37 | +5 | E | 2 | b | 3 | - | 48 | 33 | * | - | | | |
| | Perpignan ... | 30.05 | 37 | SE | 2 | 0 | 30.12 | +01 | 38 | 37 | -2 | Z | 0 | o | * | - | 51 | 34 | * | - | | | |
| | Corunna ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | |
| | Lisbon ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | |
| | Azores (P. Delgada) ... | 30.23 | 61 | SSE | 4 | bc | 30.15 | -04 | 64 | 62 | +9 | S | 5 | o | 4 | - | 64 | 55 | * | - | | | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Saturday 22nd November, 1902.*

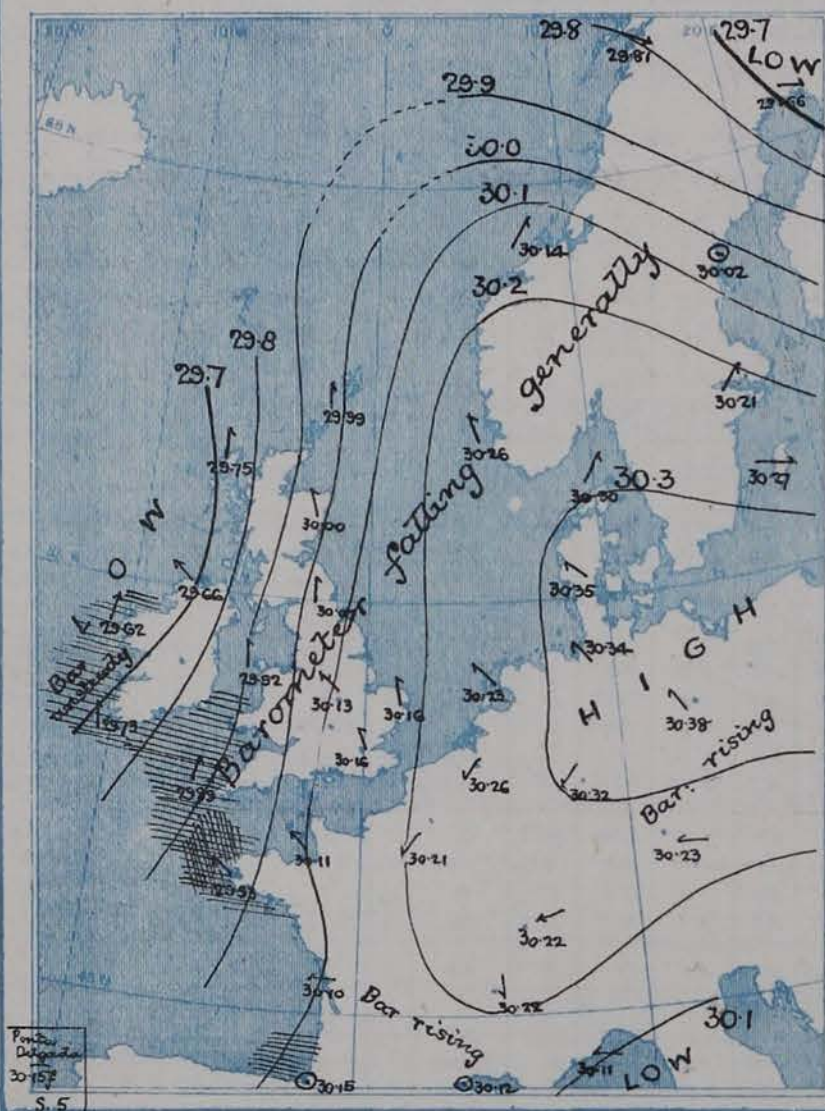
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → → → Force 5 to 7 → → → } Calm ☉
Force 8 to 10 → → → Force 4 to 6 → → →

SEA.—Rough High



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus -0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined. for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE at 8 A.M. for the Two monthly period NOVEMBER-DECEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure this morning ranges from 30.38 in. at Berlin and 30.2 in. or more all over Central Europe and the south of Scandinavia to 29.62 in. at Blackhead Point. The gradients are steep over our Islands, especially over our western districts, but are slight over the North Sea and the Continent. The barometer is falling very unsteadily in the west.

WIND

TEMPERATURE

WEATHER

AND

SEA

S^W winds have spread all over the Kingdom and are strong in force at nearly all our western stations, but light in the east; a strong W^W wind is sweeping over Lapland, but light anticyclonic breezes are reported from Central Europe. Temperature has risen somewhat over the British Islands as a whole, as well as over North Germany and the south of Scandinavia, but has fallen in the east of France and the west and south of Germany. In our Islands it ranges from 52° at Scilly and Blackhead Point, and 44° at Wick, to 30° at Leth and Newton Reigny, 31° at Loughborough and 34° at Nairn, Oxford and London. Our southwestern and western coast readings are now much above the average, but the inland and north-eastern parts of Great Britain are still very cold. Rain has set in very generally over the western parts of the Kingdom, and in the east humidity is slowly increasing. The Continental weather is clear and bright. The sea is still rough in the west, moderate or slight elsewhere. Bright sunshine was again considerable at some north-western stations and at Jersey and Lowestoft, very slight generally elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Winds from a S^W quarter and milder, damper weather are now extending over the Kingdom. Showers of cold rain, or wet snow are likely to occur at most, if not all, stations before Monday, and further gales in the west are not improbable.

FORECASTS*

For the 24 hours ending at NOON on 23rd November, 1902

DISTRICTS.

FORECASTS.

- 0 $\overline{\text{T}}$ { SCOTLAND NORTH
- 1 $\overline{\text{T}}$ { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 6 { ENGLAND SOUTH

S^W to S.W^W winds, spreading gradually over North-western Europe, with higher temperature, rain and probably wet snow.

DISTRICTS.

FORECASTS.

- 6 $\overline{\text{T}}$ { SCOTLAND WEST
- 7 $\overline{\text{T}}$ { ENGLAND N.W.
- 8 $\overline{\text{T}}$ { ENGLAND S.W.
- 9 $\overline{\text{T}}$ { IRELAND NORTH
- 10 $\overline{\text{T}}$ { IRELAND SOUTH

S^W to S.W^W winds, spreading gradually over North-western Europe, with higher temperature, rain and probably wet snow.

WARNINGS

The South Cone is still flying in districts 0, 1 and 6 to 10.

Note.—The South Cone, point downwards ($\overline{\text{T}}$), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards ($\overline{\text{T}}$), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|------|----------------|--------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | bc | * | b, bc | 42 | 34 | 5.8 | — |
| Newton Reigny (Penrith) | 30.13 | 34 | ESE 2 | b | 30.00 | -.24 | 30 | 29 | +2 | ESE 2 | c | * | bc | 36 | 27 | 6.0 | — |
| Bath | 30.12 | 35 | E 1 | o | 30.08 | -.16 | 33 | 32 | +1 | NE 1 | b | * | — | 39 | 31 | 1.3 | — |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|---------------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 40 | 31 | o, b | 3.0 | — | Worthing | * | * | * | 2.5 | * |
| Birmingham, 9 p.m. ... | 36 | 29 | o | 0.6 | — | Llandudno | * | * | * | 5.7 | * |
| Lowestoft, up to 6 p.m. ... | 43 | 35 | c, b | 5.3 | — | Rhyl up to 6 p.m. ... | * | * | * | 5.0 | * |
| Hastings | * | * | * | 0.0 | * | Southport, 9 p.m. ... | 37 | 27 | o, c, b, m, o | 1.1 | — |
| Eastbourne up to 6 p.m. ... | * | * | * | 0.0 | * | Manchester, 9 p.m. ... | 40 | 28 | bc | 0.5 | — |
| Brighton | * | * | * | 0.8 | * | Darwen, 9 p.m. ... | 33 | 25 | c, o, m, b, m | 0.4 | — |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-------------------------------|---------------------------------|-----------|----------|-------|-----------------------|-----------------|-----------|----------|--------------------|
| | Max. ° | Min. ° | | | | Max. ° | Min. ° | | |
| 21. XI. 02 | | | | | | | | | |
| Madeira (Funchal) | <i>Information not yet recd</i> | | | Ins. | Algiers | | | | Ins. |
| Madrid | | | | | Tunis | | | | |
| Corsica (I. Sanguinaires) ... | | | | | Vienna | | | | |
| Rome | | | | | St. Petersburg | | | | |
| Florence | | | | | 20. XI. 02 | 1 p.m. | | 1 p.m. | Measured 7 a.m. |
| Trieste | | | | | Lugano | 34 | — | 3 | 0.32 |
| Naples | | | | | Davos | 27 | — | 5 | 0.04 |
| Palermo | | | | | Lucerne | 30 | — | o | — |
| Malta | | | | | Lausanne | 27 | — | 5 | 0.08 |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark, Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 22. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 7.28 | 11.39 | 3.50 |
| Greenwich | 7.31 | 11.46 | 4.1 |
| Wick | 8.18 | 11.58 | 3.38 |
| Valencia | 8.14 | 12.27 | 4.40 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

Sunday 23rd November

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------|---------------------------|--|--------|---------------------|---------------------|---------------------------------|---|------------------------------------|--------------|------------------------------------|------------------------------------|---------------------|---------------------|------------------|----------|-------------|----------------|-------------------------|------------------|------|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall Ins. | | |
| | | | | Direc. | Force (0 to 12.) | | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | | Ins. | Ins. |
| Ins. | | Dry Bulb. | Direc. | Force (0 to 12.) | Weather. | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | Weather. | Sea (0 to 9.) | Weather. | Max. | Min. | Sun- shine. Hours | Rainfall Ins. | | |
| SCANDINAVIA. | Haparanda ... | | | | | | | | | | | | | | | | | | | | |
| | Hernösand ... | | | | | | | | | | | | | | | | | | | | |
| | Stockholm ... | | | | | | | | | | | | | | | | | | | | |
| | Wisby ... | | | | | | | | | | | | | | | | | | | | |
| | Karlstad ... | | | | | | | | | | | | | | | | | | | | |
| | Färder (X'ania Fjord) ... | 30.05 | 28 | NE | 2 | f | 29.97 | -26 | 26 | 26 | -10 | N | 4 | f | 2 | - | 36 | 25 | * | - | |
| | Bodö ... | 29.66 | 39 | W | 6 | bc | 29.63 | -18 | 39 | 39 | 0 | W | 4 | bc | 2 | - | 41 | 28 | * | - | |
| | Christiansund ... | 30.00 | 41 | SW | 2 | o | 29.85 | -29 | 43 | 37 | +2 | ESE | 3 | o | 4 | - | 43 | 39 | * | - | |
| Skudesnaes ... | 30.10 | 41 | SSE | 4 | o | 29.92 | -34 | 41 | 40 | +2 | S | 4 | o | 3 | to | 41 | 37 | * | * | | |
| BRITISH ISLANDS. | Sumburgh Head ... | 29.78 | 44 | S | 5 | bc | 29.64 | -35 | 46 | 44 | +3 | SSW | 2 | o | 5 | c, bc | 46 | 43 | * | - | |
| | Stornoway ... | 29.68 | 48 | SSW | 4 | o | 29.62 | -13 | 45 | 45 | -2 | SW | 3 | cp | 3 | o | 51 | 45 | 0.0 | 0.01 | |
| | Malin Head ... | 29.67 | 46 | S | 4 | op | 29.71 | +05 | 45 | 44 | 0 | SW | 6 | cp | 4 | bc, op | 48 | 42 | * | 0.03 | |
| | Blacksod Pt. ... | 29.68 | 47 | SW | 4 | b | 29.78 | +16 | 47 | 44 | -5 | WSW | 4 | bc, p | 4 | cp, b | 52 | 46 | * | 0.15 | |
| | Valencia ... | 29.79 | 47 | WSW | 3 | op | 29.90 | +17 | 50 | 46 | +2 | WSW | 4 | bc | 5 | cp, op | 51 | 45 | 0.5 | 0.17 | |
| | Roche's Point ... | 29.81 | 46 | WSW | 3 | bc, p | 29.90 | +11 | 42 | 41 | -8 | WNW | 2 | b | 2 | c, bc, p | 52 | 39 | * | 0.07 | |
| | Parsonstown ... | 29.76 | 43 | SE | 1 | bp | 29.85 | +10 | 40 | 39 | -6 | SE | 1 | bc | * | b, p | 50 | 38 | 0.2 | 0.06 | |
| | Donaghadee ... | 29.75 | 48 | SW | 3 | ot | 29.78 | -09 | 40 | 39 | -6 | Z | 0 | c | 1 | - | 48 | 37 | * | 0.32 | |
| Liverpool Obsy. ... | 29.90 | 37 | SE | 4 | o | 29.88 | -11 | 41 | 40 | +7 | SSW | 2 | bc | 2 | op | 41 | 34 | * | 0.09 | | |
| Holyhead ... | 29.83 | 46 | S | 5 | tg, m | 29.86 | -06 | 46 | 45 | +2 | SW | 2 | b | 1 | c, tg, m | 47 | 43 | * | 0.21 | | |
| Pembroke (St. Ann's) ... | 29.86 | 51 | SW | 4 | c | 29.91 | -03 | 51 | 47 | +3 | W | 5 | bc | 5 | ll, c, b | 52 | 46 | 0.1 | 0.48 | | |
| GERMANY, &c. | Scilly (St. Mary's) ... | 29.90 | 53 | SW | 5 | cp | 29.94 | +05 | 53 | 50 | +1 | W | 4 | bc | 4 | cp | 55 | 49 | 4.0 | 0.07 | |
| | Jersey (St. Aubins) ... | 30.06 | 41 | SSE | 3 | og | 30.05 | -06 | 49 | 47 | +13 | SW | 3 | c | 3 | om, sp, g | 49 | 35 | 0.0 | 0.07 | |
| | Portland Bill ... | 29.99 | 48 | S | 4 | o | 29.99 | -07 | 49 | 47 | +8 | WNW | 3 | bc | 3 | om, o | 51 | 38 | * | 0.19 | |
| | Dungeness ... | 30.11 | 40 | SW | 2 | o | 29.97 | -19 | 48 | 47 | +13 | SW | 2 | cp | 2 | o | 49 | 32 | * | 0.08 | |
| | Wick ... | 29.79 | 44 | S | 4 | c | 29.66 | -24 | 43 | 42 | -1 | S | 1 | + | 1 | - | 45 | 42 | * | 0.01 | |
| | Nairn ... | 29.77 | 39 | SW | 2 | bc | 29.65 | -24 | 39 | 38 | +5 | WSW | 2 | o | 1 | - | 45 | 33 | * | 0.13 | |
| | Aberdeen ... | 29.86 | 39 | SSW | 2 | c | 29.71 | -29 | 40 | 39 | -3 | SW | 1 | bc, m | 2 | bc, c | 43 | 38 | 0.1 | - | |
| | Leith ... | 29.85 | 40 | SE | 1 | o | 29.75 | -22 | 45 | 42 | +15 | SSW | 2 | om | * | - | 45 | 29 | * | 0.05 | |
| North Shields ... | 29.93 | 35 | S | 3 | tm | 29.79 | -28 | 36 | 35 | +3 | SW | 2 | om | 2 | o, tm | 36 | 32 | * | 0.03 | | |
| FRANCE. | Spurn Head ... | 30.01 | 35 | S | 5 | o | 29.89 | -24 | 40 | 39 | +6 | S | 5 | f | 3 | - | 40 | 31 | * | - | |
| | Yarmouth ... | 30.06 | 38 | SSW | 3 | c | 29.95 | -21 | 43 | 42 | +5 | SW | 2 | bc, f | 4 | bc, c | 43 | 33 | * | - | |
| | Loughborough ... | 30.01 | 36 | SSE | 3 | o | 29.92 | -21 | 41 | 40 | +10 | SE | 1 | of | * | c, om, g, m | 41 | 31 | * | - | |
| | Oxford ... | 30.01 | 38 | SE | 2 | o | 29.97 | -16 | 39 | 39 | +5 | SSW | 1 | b | * | p, o | 43 | 34 | * | - | |
| | London (Brixton) ... | 30.07 | 36 | SSW | 1 | og | 29.98 | -18 | 41 | 40 | +7 | SSW | 2 | b | * | om, og, t | 45 | 34 | 0.0 | 0.02 | |
| | The Scaw (Skagen) ... | 30.13 | 35 | WSW | 4 | m | 30.01 | -29 | 36 | 35 | +3 | SW | 3 | m | 1 | - | 36 | 32 | * | - | |
| | Fanö ... | 30.21 | 30 | SE | 2 | o | 30.08 | -27 | 26 | 26 | -6 | SE | 2 | m | * | - | 36 | 26 | * | - | |
| | Cuxhaven ... | 30.16 | 28 | Z | 0 | b | 30.08 | -26 | 19 | 18 | -12 | S | 1 | b | * | - | 34 | 18 | * | - | |
| SPAN. PEN. | The Helder ... | * | * | * | * | * | 30.11 | -15 | 30 | 28 | +7 | SSW | 2 | S | * | - | 36 | 21 | * | - | |
| | Brussels ... | * | * | * | * | * | 30.19 | -19 | 19 | 18 | +12 | SE | 2 | b | * | - | 36 | 18 | * | - | |
| | Berlin ... | 30.30 | 30 | Z | 0 | b | 30.22 | -10 | 20 | 20 | +3 | SW | 2 | o | * | - | 30 | 16 | * | - | |
| | Frankfurt ... | 30.23 | 21 | NE | 2 | b | 30.20 | -03 | 16 | 16 | 0 | SE | 3 | f | * | - | 30 | 16 | * | - | |
| | Munich ... | 30.19 | 23 | E | 3 | b | 30.20 | -03 | 16 | 16 | 0 | SE | 3 | f | * | - | 30 | 16 | * | - | |
| | C. Gris Nez ... | 30.11 | 31 | SSE | 2 | b | 29.97 | -23 | 39 | ? | +16 | S | 5 | f | 5 | - | 39 | 30 | * | - | |
| | Brest ... | 30.02 | 53 | SW | 3 | o | 30.06 | +13 | 52 | 50 | +7 | WNW | 3 | b | 5 | - | 54 | 41 | * | 0.08 | |
| | Lorient ... | 30.14 | 44 | SE | 3 | o | 30.14 | +04 | 49 | 48 | +15 | SW | 3 | c | * | o | 49 | 34 | * | 0.20 | |
| SPAN. PEN. | Biarritz ... | 30.24 | 57 | W | 4 | c | 30.28 | +13 | 55 | 50 | +3 | SW | 4 | c | 5 | - | 57 | 50 | * | 0.66 | |
| | Paris ... | 30.18 | 24 | NE | 1 | b | 30.13 | -08 | 32 | 32 | +15 | S | 3 | o | * | - | 32 | 21 | * | - | |
| | Belfort ... | 30.20 | 24 | ENE | 3 | m | 30.25 | +03 | 21 | 21 | +7 | W | 3 | m | * | - | 31 | 14 | * | - | |
| | Lyons ... | 30.23 | 26 | E | 1 | b | 30.28 | +06 | 32 | 32 | +6 | WNW | 1 | o | * | - | ? | 25 | * | - | |
| | Nice ... | 30.17 | 46 | S | 1 | bc | 30.19 | +08 | 41 | 39 | +3 | Z | 0 | c | 3 | - | 52 | 38 | * | - | |
| | Perpignan ... | 30.15 | 47 | N | 1 | b | 30.23 | +11 | 53 | 47 | +15 | NW | 2 | bc | * | - | 58 | 38 | * | - | |
| | Corunna ... | 30.34 | 55 | N | 3 | b | 30.38 | +10 | 53 | 51 | -1 | NNW | 1 | b | * | - | 61 | 52 | * | - | |
| | Lisbon ... | 30.13 | 65 | SSW | 5 | bc | 30.08 | -07 | 66 | 64 | +2 | SSW | 5 | m | 5 | - | 68 | 64 | * | - | |
| SPAN. PEN. | Azores (P. Delgada) ... | 30.13 | 65 | SSW | 5 | bc | 30.08 | -07 | 66 | 64 | +2 | SSW | 5 | m | 5 | - | 68 | 64 | * | - | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

FOR Sunday, 23rd November, 1902.

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

This is a hand-drawn weather map of the North Atlantic and Europe. The map features several isobars (lines of equal pressure) and isotherms (lines of equal temperature). Key elements include:

- Isobars:** Labeled with values such as 29.6, 29.7, 29.8, 29.9, 30.0, 30.1, 30.2, 30.3, 30.4, 30.5, 30.6, 30.7, 30.8, 30.9, 31.0, 31.1, 31.2, 31.3, 31.4, 31.5, 31.6, 31.7, 31.8, 31.9, 32.0, 32.1, 32.2, 32.3, 32.4, 32.5, 32.6, 32.7, 32.8, 32.9, 33.0, 33.1, 33.2, 33.3, 33.4, 33.5, 33.6, 33.7, 33.8, 33.9, 34.0, 34.1, 34.2, 34.3, 34.4, 34.5, 34.6, 34.7, 34.8, 34.9, 35.0, 35.1, 35.2, 35.3, 35.4, 35.5, 35.6, 35.7, 35.8, 35.9, 36.0, 36.1, 36.2, 36.3, 36.4, 36.5, 36.6, 36.7, 36.8, 36.9, 37.0, 37.1, 37.2, 37.3, 37.4, 37.5, 37.6, 37.7, 37.8, 37.9, 38.0, 38.1, 38.2, 38.3, 38.4, 38.5, 38.6, 38.7, 38.8, 38.9, 39.0, 39.1, 39.2, 39.3, 39.4, 39.5, 39.6, 39.7, 39.8, 39.9, 40.0, 40.1, 40.2, 40.3, 40.4, 40.5, 40.6, 40.7, 40.8, 40.9, 41.0, 41.1, 41.2, 41.3, 41.4, 41.5, 41.6, 41.7, 41.8, 41.9, 42.0, 42.1, 42.2, 42.3, 42.4, 42.5, 42.6, 42.7, 42.8, 42.9, 43.0, 43.1, 43.2, 43.3, 43.4, 43.5, 43.6, 43.7, 43.8, 43.9, 44.0, 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 44.8, 44.9, 45.0, 45.1, 45.2, 45.3, 45.4, 45.5, 45.6, 45.7, 45.8, 45.9, 46.0, 46.1, 46.2, 46.3, 46.4, 46.5, 46.6, 46.7, 46.8, 46.9, 47.0, 47.1, 47.2, 47.3, 47.4, 47.5, 47.6, 47.7, 47.8, 47.9, 48.0, 48.1, 48.2, 48.3, 48.4, 48.5, 48.6, 48.7, 48.8, 48.9, 49.0, 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, 49.9, 50.0, 50.1, 50.2, 50.3, 50.4, 50.5, 50.6, 50.7, 50.8, 50.9, 51.0, 51.1, 51.2, 51.3, 51.4, 51.5, 51.6, 51.7, 51.8, 51.9, 52.0, 52.1, 52.2, 52.3, 52.4, 52.5, 52.6, 52.7, 52.8, 52.9, 53.0, 53.1, 53.2, 53.3, 53.4, 53.5, 53.6, 53.7, 53.8, 53.9, 54.0, 54.1, 54.2, 54.3, 54.4, 54.5, 54.6, 54.7, 54.8, 54.9, 55.0, 55.1, 55.2, 55.3, 55.4, 55.5, 55.6, 55.7, 55.8, 55.9, 56.0, 56.1, 56.2, 56.3, 56.4, 56.5, 56.6, 56.7, 56.8, 56.9, 57.0, 57.1, 57.2, 57.3, 57.4, 57.5, 57.6, 57.7, 57.8, 57.9, 58.0, 58.1, 58.2, 58.3, 58.4, 58.5, 58.6, 58.7, 58.8, 58.9, 59.0, 59.1, 59.2, 59.3, 59.4, 59.5, 59.6, 59.7, 59.8, 59.9, 60.0, 60.1, 60.2, 60.3, 60.4, 60.5, 60.6, 60.7, 60.8, 60.9, 61.0, 61.1, 61.2, 61.3, 61.4, 61.5, 61.6, 61.7, 61.8, 61.9, 62.0, 62.1, 62.2, 62.3, 62.4, 62.5, 62.6, 62.7, 62.8, 62.9, 63.0, 63.1, 63.2, 63.3, 63.4, 63.5, 63.6, 63.7, 63.8, 63.9, 64.0, 64.1, 64.2, 64.3, 64.4, 64.5, 64.6, 64.7, 64.8, 64.9, 65.0, 65.1, 65.2, 65.3, 65.4, 65.5, 65.6, 65.7, 65.8, 65.9, 66.0, 66.1, 66.2, 66.3, 66.4, 66.5, 66.6, 66.7, 66.8, 66.9, 67.0, 67.1, 67.2, 67.3, 67.4, 67.5, 67.6, 67.7, 67.8, 67.9, 68.0, 68.1, 68.2, 68.3, 68.4, 68.5, 68.6, 68.7, 68.8, 68.9, 69.0, 69.1, 69.2, 69.3, 69.4, 69.5, 69.6, 69.7, 69.8, 69.9, 70.0, 70.1, 70.2, 70.3, 70.4, 70.5, 70.6, 70.7, 70.8, 70.9, 71.0, 71.1, 71.2, 71.3, 71.4, 71.5, 71.6, 71.7, 71.8, 71.9, 72.0, 72.1, 72.2, 72.3, 72.4, 72.5, 72.6, 72.7, 72.8, 72.9, 73.0, 73.1, 73.2, 73.3, 73.4, 73.5, 73.6, 73.7, 73.8, 73.9, 74.0, 74.1, 74.2, 74.3, 74.4, 74.5, 74.6, 74.7, 74.8, 74.9, 75.0, 75.1, 75.2, 75.3, 75.4, 75.5, 75.6, 75.7, 75.8, 75.9, 76.0, 76.1, 76.2, 76.3, 76.4, 76.5, 76.6, 76.7, 76.8, 76.9, 77.0, 77.1, 77.2, 77.3, 77.4, 77.5, 77.6, 77.7, 77.8, 77.9, 78.0, 78.1, 78.2, 78.3, 78.4, 78.5, 78.6, 78.7, 78.8, 78.9, 79.0, 79.1, 79.2, 79.3, 79.4, 79.5, 79.6, 79.7, 79.8, 79.9, 80.0, 80.1, 80.2, 80.3, 80.4, 80.5, 80.6, 80.7, 80.8, 80.9, 81.0, 81.1, 81.2, 81.3, 81.4, 81.5, 81.6, 81.7, 81.8, 81.9, 82.0, 82.1, 82.2, 82.3, 82.4, 82.5, 82.6, 82.7, 82.8, 82.9, 83.0, 83.1, 83.2, 83.3, 83.4, 83.5, 83.6, 83.7, 83.8, 83.9, 84.0, 84.1, 84.2, 84.3, 84.4, 84.5, 84.6, 84.7, 84.8, 84.9, 85.0, 85.1, 85.2, 85.3, 85.4, 85.5, 85.6, 85.7, 85.8, 85.9, 86.0, 86.1, 86.2, 86.3, 86.4, 86.5, 86.6, 86.7, 86.8, 86.9, 87.0, 87.1, 87.2, 87.3, 87.4, 87.5, 87.6, 87.7, 87.8, 87.9, 88.0, 88.1, 88.2, 88.3, 88.4, 88.5, 88.6, 88.7, 88.8, 88.9, 89.0, 89.1, 89.2, 89.3, 89.4, 89.5, 89.6, 89.7, 89.8, 89.9, 90.0, 90.1, 90.2, 90.3, 90.4, 90.5, 90.6, 90.7, 90.8, 90.9, 91.0, 91.1, 91.2, 91.3, 91.4, 91.5, 91.6, 91.7, 91.8, 91.9, 92.0, 92.1, 92.2, 92.3, 92.4, 92.5, 92.6, 92.7, 92.8, 92.9, 93.0, 93.1, 93.2, 93.3, 93.4, 93.5, 93.6, 93.7, 93.8, 93.9, 94.0, 94.1, 94.2, 94.3, 94.4, 94.5, 94.6, 94.7, 94.8, 94.9, 95.0, 95.1, 95.2, 95.3, 95.4, 95.5

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

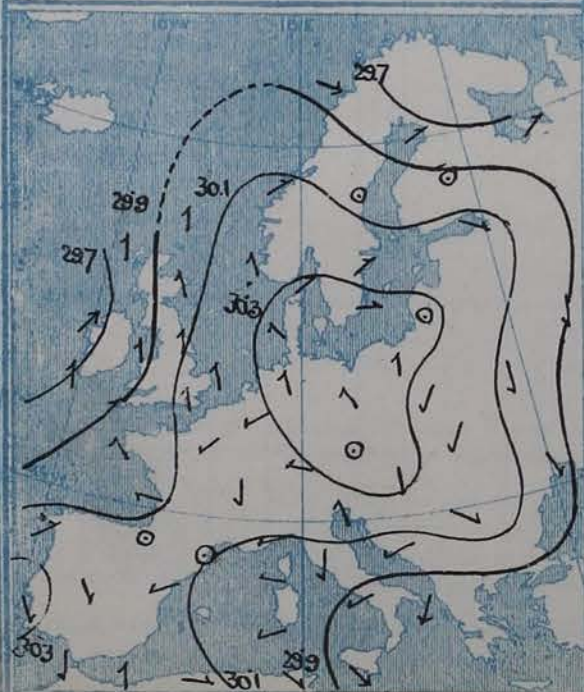
A hand-drawn weather map on a blue background, showing the North Atlantic and parts of Europe. The map includes latitude and longitude lines. Handwritten isotherms (lines of equal temperature) are drawn across the map, with values such as 40°, 30°, 20°, 16°, and 12°. Handwritten notes and labels include:

- 55 N** (near the top left)
- 10 E** and **20 E** (near the top right)
- 39** (near the top right)
- 40°** (multiple locations)
- 30°** (multiple locations)
- 20°** (multiple locations)
- 16°** (near the bottom right)
- 12°** (near the bottom right)
- 46** (multiple locations)
- 45** (multiple locations)
- 43** (multiple locations)
- 41** (multiple locations)
- 36** (multiple locations)
- 32** (multiple locations)
- 26** (multiple locations)
- 19** (multiple locations)
- 16** (multiple locations)
- 12** (multiple locations)
- 50** (near the bottom left)
- 55** (near the bottom left)
- 57** (near the bottom left)
- 53** (near the bottom left)
- 49** (multiple locations)
- 47** (multiple locations)
- 45** (multiple locations)
- 43** (multiple locations)
- 41** (multiple locations)
- 36** (multiple locations)
- 32** (multiple locations)
- 26** (multiple locations)
- 19** (multiple locations)
- 16** (multiple locations)
- 12** (multiple locations)
- 10** (multiple locations)
- 8** (multiple locations)
- 6** (multiple locations)
- 4** (multiple locations)
- 2** (multiple locations)
- 0** (multiple locations)
- 50** (multiple locations)
- 55** (multiple locations)
- 57** (multiple locations)
- 53** (multiple locations)
- 49** (multiple locations)
- 47** (multiple locations)
- 45** (multiple locations)
- 43** (multiple locations)
- 41** (multiple locations)
- 36** (multiple locations)
- 32** (multiple locations)
- 26** (multiple locations)
- 19** (multiple locations)
- 16** (multiple locations)
- 12** (multiple locations)
- 10** (multiple locations)
- 8** (multiple locations)
- 6** (multiple locations)
- 4** (multiple locations)
- 2** (multiple locations)
- 0** (multiple locations)

Handwritten notes and labels include:

- SOMEWHAT COLDER HERE** (near the top left)
- Rain has just fallen** (near the top left)
- VERY** (near the top left)
- WARMER** (near the top left)
- GENERALLY** (near the top left)

Yesterday morning.



A map of the British Isles (Great Britain and Ireland) with numerical values representing mean annual rainfall in inches for various locations. The values are as follows:

- 42.3 (North of Scotland)
- 42.1 (West of Scotland)
- 41.7 (East of Scotland)
- 41.9 (East of Scotland)
- 43.0 (Central Scotland)
- 43.9 (West of Scotland)
- 44.8 (West of Scotland)
- 43.2 (East of Scotland)
- 44.3 (Central Scotland)
- 44.8 (Central Scotland)
- 42.6 (East of Scotland)
- 44.1 (East of Scotland)
- 43.8 (East of Scotland)
- 42.7 (East of Scotland)
- 43.4 (East of Scotland)
- 44.2 (East of Scotland)
- 45.6 (South of England)
- 46.2 (South of England)
- 46.7 (South of England)
- 48.5 (South of England)
- 49.8 (South of England)
- 47.4 (South of England)
- 46.9 (South of England)
- 47.7 (West of Ireland)
- 43.3 (West of Ireland)
- 45.7 (West of Ireland)
- 42.8 (East of Ireland)
- 44.1 (East of Ireland)
- 46.6 (Central Ireland)

GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone noticed yesterday over Denmark and Germany has entirely given way, and the highest barometrical pressures, 30.3 ins. and upwards, are now found over the Spanish peninsula, a ridge of high readings extending thence over the south and east of France to western Germany. The lowest pressures, 29.6 ins. and less, are found in a shallow cyclonic area lying off the north of Scotland, and the barometer is falling at all but our western and the French stations.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has veered to the SW or W over nearly the whole of our Islands and France, and although the thermometer has fallen somewhat in Ireland and the north of Scotland, it has risen briskly in most other parts of western Europe, the change since yesterday morning amounting to as many as 15° at Leith, Paris and Rochefort, and to 13° at Dungeness and Jersey. On many parts of our southern coasts the thermometer is now above 45°, the highest reading reported being 53° at Scilly. Over Norway, Denmark and Germany the wind is light from the S or SE, with a continuance of severe frost in the last mentioned country, the morning temperatures being as low as 16° at Munich and 19° at Cuxhaven and Berlin.

The weather is fine in most parts of the United Kingdom, but is showery on our extreme northern and northwestern coasts, and also at Dungeness. At most of the Continental stations the sky is cloudy or overcast, with snow at Brussels. The Sea is rather rough on our southwestern and the French coasts, and also at Lumburgh H^o, but is slight or smooth elsewhere.

During yesterday the thermometer rose to 50° or slightly above it at several of our western stations and to 55° at Scilly; over Eastern and Central England the maxima were mostly below 40°, those reported this morning having occurred in the night. The duration of Bright Sunshine was generally very small (at a large number of stations there was none) but amounted to 4.0 hours at Scilly. Rain has fallen at all but our eastern and central stations; thunder and lightning occurred yesterday at Pembroke.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 24TH Nov^R 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH.

None

issued

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

None

issued.

WARNINGS

None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|----------------|----------|--------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | bc | * | bc | 45 | 35 | 4.0 | 0.04 |
| Newton Reigny (Penrith) | | | | | | | | | | | | | | | | | |
| Bath | 29.98 | 33 | NE 1 | 0 | 29.97 | -11 | ? | ? | ? | NE 1 | 0 | * | - | 43 | 32 | 0.0 | - |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 38 | 28 | m, pt | 0.0 | 0.01 | Worthing | * | * | * | 0.0 | * |
| Birmingham, 9 p.m. ... | 37 | 29 | 0 | 0.0 | - | Llandudno | * | * | * | 0.5 | * |
| Lowestoft, up to 6 p.m. ... | * | * | * | * | * | Rhyl | * | * | * | * | * |
| Hastings | * | * | * | * | * | Southport, 9 p.m. ... | 38 | 32 | 0 | 0.0 | 0.04 |
| Eastbourne | * | * | * | * | * | Manchester, 9 p.m. ... | 42 | 32 | 0 | 0.0 | 0.04 |
| Brighton | * | * | * | * | * | Darwen, 9 p.m. ... | 36 | 30 | 0.9 | 0.0 | - |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. 22 nd November 1902 | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. 22 nd November 1902 | TEMPERATURE, F. | | WEATHER. | RAIN. |
|---|-----------------|-----------|----------|-------|---|-----------------|-----------------------|--------------|--------------------|
| | Max. ° | Min. ° | | | | Max. ° | Min. ° | | |
| Madeira (Funchal) | 70 | 54 | b, c | Ins. | Algiers | 70 | 59 | 0.0 | - |
| Madrid | 59 | 39 | 0, b | - | Tunis | 61 | 46 | 0.0 | 0.20 |
| Corsica (I. Sanguinaires) ... | 55 | 37 | f, m | - | Vienna | 34 | 28 | b, b | - |
| Rome | 53 | 42 | b, b | - | St. Petersburg | 36 | 9 | bc, 0 | - |
| Florence | 44 | 39 | 0, b | - | 21 st November 1902 | | 1 p.m. Information | not received | |
| Trieste | 39 | 32 | b, b | - | Lugano | | | | Measured 7 a.m. |
| Naples | 54 | 44 | b, b | 0.04 | Davos | | | | |
| Palermo | NOT RECEIVED | | | | Lucerne | | | | |
| Malta | 62 | 56 | c | 0.47 | Lausanne | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) ... | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) ... | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 23 rd Nov., 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------------------|-------------------|----------------|------------------|
| Yarmouth | 7.29 | 11.39 | 3.49 |
| Greenwich | 7.32 | 11.46 | 4.0 |
| Wick | 8.20 | 11.58 | 3.36 |
| Valencia | 8.15 | 12.27 | 4.39 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on *Monday, 24th November.*

1902

Issued by the Meteorological Office, 63, Victoria Street, London. *W. N. SHAW, Secretary.*

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|------------------|------------------------|--|--------------|--------|---------------------|----------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|----------|------------------|----------|----------------|------|-------------------------|-------------------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | Temperature. | | | | Wind. | Force (0 to 12.) | Weather. | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall. Ins. |
| | | At 3 rd and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | | At 8 th Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | | | | | Max. | Min. | | |
| | | Ins. | | | | | Ins. | Ins. | ° | ° | | | | | | | | | | |
| SCANDINAVIA. | Haparanda ... | 29.67 | 23 | N | 4 | 0 | 30.10 | -2 | -4 | | | NW | 2 | 0 | * | - | 30 | ? | * | - |
| | Hernösand ... | 29.70 | 33 | Z | 0 | 0 | 29.77 | | 33 | 32 | | NE | 4 | 5 | * | - | 39 | 32 | * | 0.04 |
| | Stockholm ... | 29.86 | 30 | W | 2 | 0 | 29.76 | | 26 | 24 | | W | 2 | 0 | * | - | 34 | 26 | * | - |
| | Wisby ... | 29.91 | 36 | W | 4 | 0 | 29.82 | | 35 | 34 | | W | 4 | 0 | * | - | 39 | 30 | * | - |
| | Karlstad ... | 29.89 | 18 | NW | 2 | 0 | 29.80 | | 21 | 20 | | N | 2 | 5 | * | 0.5 | * | * | * | 0.04 |
| | Färder (K'iania Fjord) | 29.89 | 37 | NW | 1 | f | 29.78 | -19 | 35 | 35 | +9 | Z | 0 | m | 2 | - | 37 | 24 | * | - |
| | Bodö ... | 29.68 | 37 | N | 2 | 0 | 29.83 | +20 | 30 | 27 | -9 | E | 4 | 0 | 1 | - | 39 | 28 | * | - |
| | Christiansund ... | 29.73 | 43 | SW | 2 | 0 | 29.71 | -14 | 41 | 40 | -2 | SW | 3 | 7 | 3 | - | 45 | 40 | * | 0.04 |
| | Skudesnaes ... | 29.80 | 42 | S | 6 | 0 | 29.72 | -20 | 43 | 42 | +2 | S | 6 | 7 | 4 | - | 43 | 41 | * | * |
| | Sumburgh Head | 29.60 | 44 | SSW | 1 | 0 | 29.66 | +02 | 44 | 43 | -2 | Z | 0 | 0 | 4 | 0 | 47 | 42 | * | 0.04 |
| BRITISH ISLANDS. | Stornoway ... | 29.66 | 43 | W | 1 | 0 | 29.61 | -07 | 40 | 40 | -5 | W | 1 | 0 | 1 | c, 0 | 50 | 33 | 1.9 | - |
| | Malin Head ... | 29.76 | 45 | W | 5 | 0 | 29.40 | -31 | 46 | 45 | +1 | SE | 7 | 0 | 3 | 0 | 46 | 41 | * | 0.16 |
| | Blacksod Pt. ... | 29.78 | 49 | SW | 4 | 0 | 29.16 | -62 | 50 | 48 | +3 | SE | 7 | 0 | 5 | 0 | 51 | 47 | * | 0.01 |
| | Valencia ... | 29.82 | 49 | S | 3 | 0 | 29.11 | -79 | 53 | 51 | +3 | SSE | 5 | 0 | 5 | 0 | 57 | 48 | 4.4 | 0.33 |
| | Roche's Point ... | 29.89 | 50 | WSW | 1 | 0 | 29.23 | -67 | 54 | 54 | +12 | S | 7 | 0 | 4 | 0 | 54 | 39 | * | 0.37 |
| | Parsonstown ... | 29.86 | 44 | SSE | 1 | 0 | 29.25 | -60 | 52 | 50 | +12 | SE | 8 | 0 | 1 | 0 | 52 | 39 | 4.7 | 0.01 |
| | Donaghadee ... | 29.83 | 43 | W | 1 | 0 | 29.56 | -22 | 49 | 48 | +9 | S | 3 | 0 | 3 | - | 49 | 38 | * | - |
| | Liverpool Obsy. | 29.90 | 45 | WSW | 2 | 0 | 29.63 | -25 | 39 | 39 | -2 | SE | 3 | 0 | 1 | - | 50 | 27 | * | 0.01 |
| | Holyhead ... | 29.87 | 48 | WSW | 2 | 0 | 29.54 | -32 | 47 | 45 | +1 | ESE | 2 | 0 | 2 | 0 | 49 | 44 | * | - |
| | Pembroke (St. Ann's) | 29.91 | 52 | W | 5 | 0 | 29.41 | -50 | 51 | 50 | 0 | SE | 6 | 0 | 5 | - | 53 | 46 | 5.3 | 0.17 |
| GERMANY, &c. | Scilly (St. Mary's)... | 29.97 | 53 | SSW | 3 | 0 | 29.29 | -65 | 51 | 51 | -2 | S | 7 | 0 | 4 | 0 | 56 | 50 | 6.4 | 0.39 |
| | Jersey (St. Aubins)... | 30.08 | 50 | W | 3 | 0 | 29.73 | -32 | 50 | 49 | +1 | SE | 7 | 0 | 5 | 0 | 55 | 48 | 3.5 | 0.25 |
| | Portland Bill ... | 30.01 | 51 | W | 3 | 0 | 29.66 | -33 | 50 | 50 | +1 | SE | 7 | 0 | 5 | 0 | 53 | 47 | * | 0.07 |
| | Dungeness ... | 30.01 | 48 | W | 1 | 0 | 29.89 | -08 | 49 | 48 | +1 | SSW | 5 | 0 | 2 | 0 | 54 | 45 | * | 0.02 |
| | Wick ... | 29.66 | 43 | S | 2 | 0 | 29.66 | -00 | 43 | 42 | 0 | S | 2 | 0 | 2 | - | 45 | 38 | * | 0.05 |
| | Nairn ... | 29.70 | 40 | W | 1 | 0 | 29.66 | +01 | 32 | 31 | -7 | Z | 0 | 0 | 0 | - | 46 | 30 | * | - |
| | Aberdeen ... | 29.72 | 37 | SW | 1 | 0 | 29.69 | -02 | 30 | 29 | -10 | WSW | 1 | 0 | 1 | 0 | 44 | 30 | 2.1 | - |
| | Leith ... | 29.75 | 44 | SW | 2 | 0 | 29.68 | -07 | 38 | 37 | -7 | SE | 1 | 0 | 1 | - | 49 | 34 | * | - |
| | North Shields ... | 29.81 | 44 | SW | 2 | 0 | 29.71 | -08 | 37 | 36 | +1 | SW | 2 | 0 | 2 | 0 | 48 | 34 | * | - |
| | Spurn Head ... | 29.89 | 43 | SSW | 3 | 0 | 29.78 | -11 | 38 | 37 | -2 | S | 2 | 0 | 2 | - | 46 | 37 | * | - |
| FRANCE. | Yarmouth ... | 29.91 | 46 | WSW | 2 | 0 | 29.84 | -11 | 35 | 34 | -8 | SW | 1 | 0 | 4 | 0 | 47 | 33 | * | - |
| | Loughborough ... | 29.94 | 43 | SSW | 2 | 0 | 29.77 | -15 | 35 | 35 | -6 | SE | 1 | 0 | 1 | 0 | 51 | 34 | * | - |
| | Oxford ... | 29.98 | 46 | SW | 2 | 0 | 29.76 | -21 | 42 | 42 | +3 | SE | 2 | 0 | 1 | 0 | 51 | 37 | * | - |
| | London (Brixton) | 29.99 | 46 | WSW | 2 | 0 | 29.79 | -19 | 44 | 43 | +3 | S | 1 | 0 | 1 | 0 | 51 | 38 | 2.0 | - |
| | The Scaw (Skagen) | 29.92 | 33 | SW | 2 | m | 29.79 | -22 | 39 | 39 | +3 | SSW | 2 | 0 | 0 | - | 39 | 32 | * | 0.08 |
| | Fanö ... | 29.95 | 38 | SSW | 3 | 0 | 29.86 | -22 | 40 | 40 | +14 | SSW | 1 | 0 | 1 | 0 | 41 | 26 | * | 0.08 |
| | Cuxhaven ... | 30.04 | 25 | SSW | 2 | 0 | 29.92 | -16 | 34 | 33 | +15 | S | 1 | 0 | 1 | 0 | 34 | 23 | * | - |
| | The Helder ... | 29.94 | 35 | SSW | 1 | f | 29.87 | | 35 | 35 | | SSW | 1 | 0 | 1 | 0 | 41 | 21 | * | 0.04 |
| | Brussels ... | | * | * | * | * | 30.06 | -11 | 36 | 36 | +6 | S | 3 | 0 | 1 | 0 | 37 | 29 | * | 0.04 |
| | Berlin ... | 30.11 | 26 | S | 2 | 0 | 30.04 | -15 | 25 | 25 | +6 | S | 2 | 0 | 1 | 0 | 30 | 19 | * | - |
| SPAN. PEN. | Frankfurt ... | 30.17 | 31 | SW | 2 | 0 | 30.12 | -10 | 33 | 33 | +13 | SW | 1 | 0 | 1 | 0 | 34 | 20 | * | - |
| | Munich ... | 30.19 | 28 | Z | 0 | 0 | 30.15 | -05 | 32 | 32 | +16 | Z | 0 | 0 | 1 | 0 | 34 | 16 | * | - |
| | C. Gris Nez ... | 30.06 | 43 | SSW | 4 | 0 | 29.91 | -06 | 39 | 38 | 0 | SSW | 4 | 0 | 3 | - | 41 | 32 | * | 0.47 |
| | Brest ... | 30.07 | 53 | WNW | 3 | 0 | 29.73 | | 56 | 56 | +4 | S | 4 | 0 | 5 | - | 56 | 52 | * | 0.35 |
| | Lorient ... | 30.12 | 53 | WNW | 3 | 0 | 29.73 | | 55 | 55 | | S | 6 | 0 | 7 | - | 59 | 50 | * | 0.99 |
| | Rochefort ... | 30.16 | 48 | SE | 2 | 0 | 29.96 | -18 | 48 | 47 | -1 | S | 4 | 0 | 1 | 0 | 55 | 41 | * | 0.16 |
| | Biarritz ... | 30.28 | 57 | WSW | 3 | 0 | 30.08 | -20 | 55 | 50 | 0 | S | 2 | 0 | 4 | - | 57 | 50 | * | 0.04 |
| | Paris ... | 30.15 | 39 | SSW | 3 | f | 30.03 | -10 | 37 | 37 | +5 | S | 3 | 0 | 1 | 0 | 41 | 32 | * | - |
| | Belfort ... | 30.18 | 33 | Z | 0 | f | 30.12 | -13 | 35 | 35 | +14 | W | 2 | 0 | 1 | 0 | 40 | 21 | * | 0.08 |
| | Lyons ... | 30.25 | 37 | NW | 1 | 0 | 30.19 | -09 | 33 | 33 | +1 | N | 1 | 0 | 1 | 0 | 41 | 32 | * | 0.04 |
| SPAN. PEN. | Nice ... | 30.15 | 42 | E | 1 | 0 | 30.12 | -07 | 39 | 37 | -2 | SW | 1 | 0 | 3 | - | 52 | 38 | * | - |
| | Perpignan ... | 30.22 | 54 | NW | 3 | 0 | 30.15 | -08 | 39 | 38 | -14 | SW | 1 | 0 | 1 | 0 | 62 | 39 | * | - |
| SPAN. PEN. | Corunna ... | | | | | | | | | | | | | | | | | | | |
| | Lisbon ... | | | | | | | | | | | | | | | | | | | |
| SPAN. PEN. | Azores (P. Delgada) | 30.17 | 64 | W | 3 | m | 30.26 | +18 | 58 | 54 | -8 | NW | 3 | 0 | 3 | - | 68 | 57 | * | - |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Monday, 24th November, 1902.*

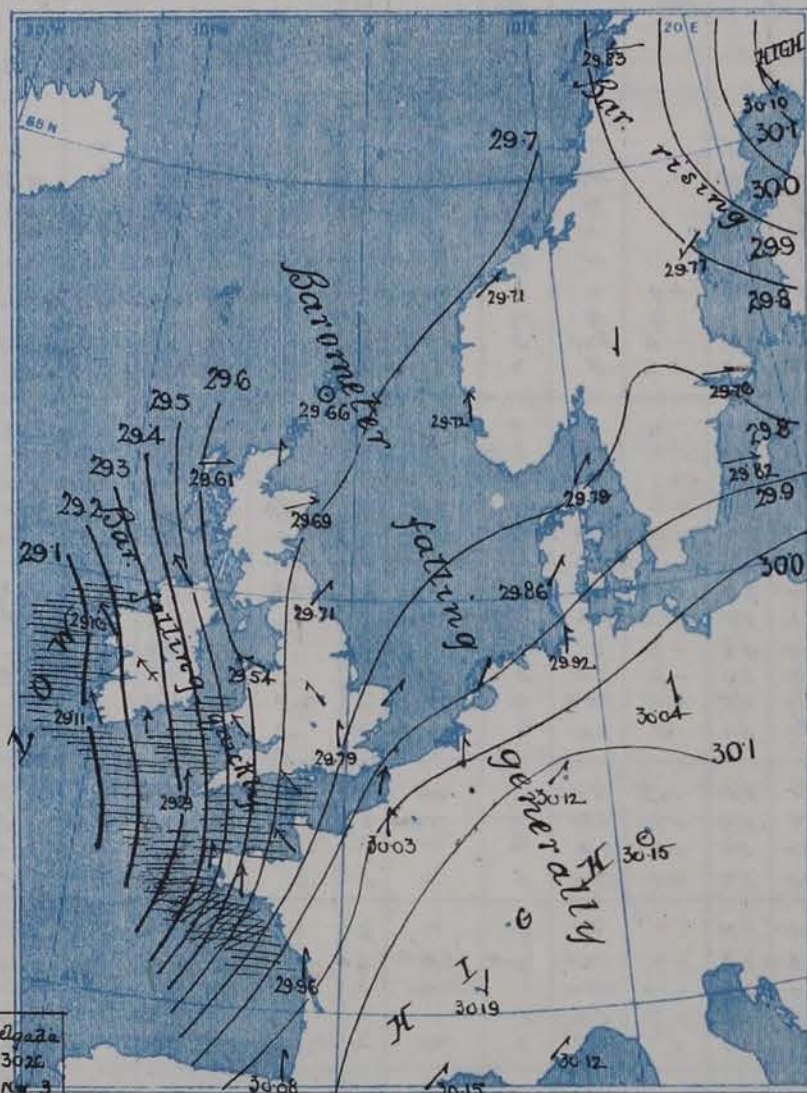
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 → }

SEA.—Rough High

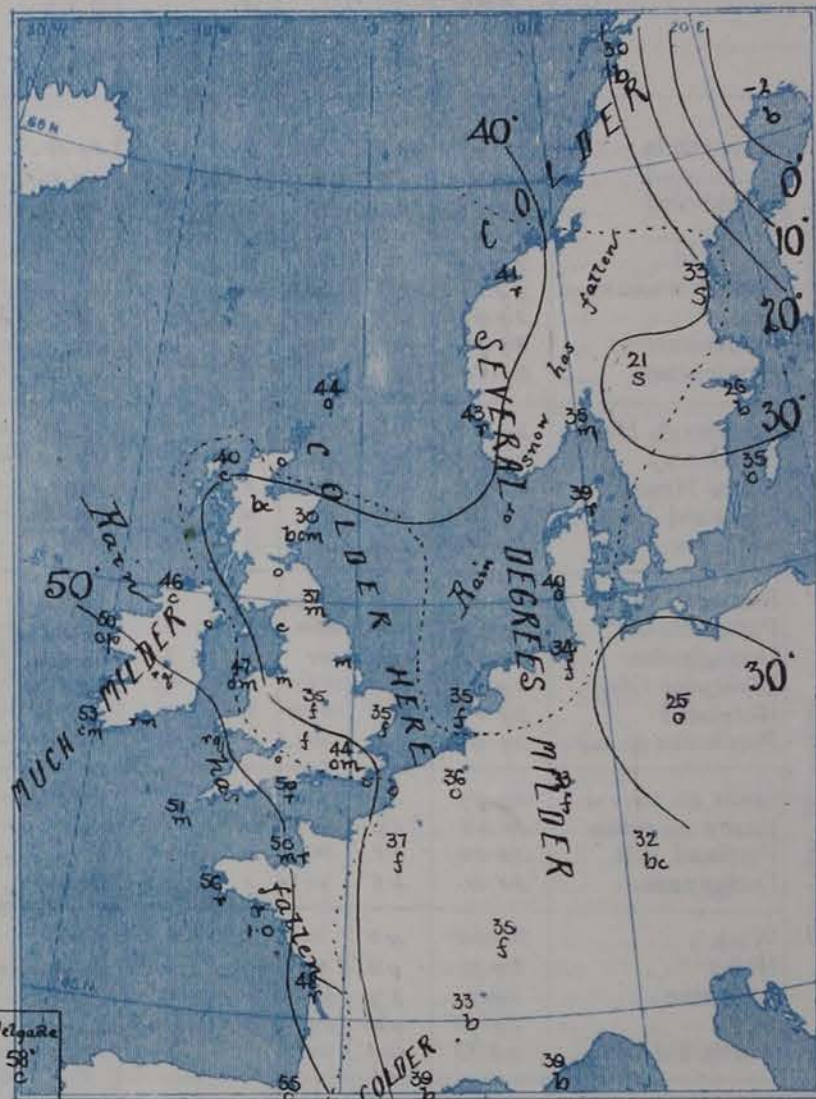


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus — 0.6

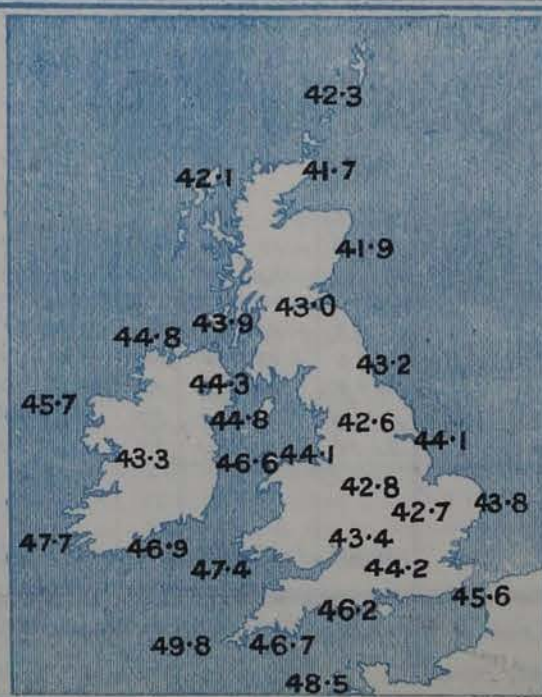


III BAROMETER AND WIND

Yesterday morning.



IV Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE at 8 A.M. for the Two monthly period NOVEMBER-DECEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure this morning is high in the south of France and south Germany on the one hand, and in the north of Finland on the other, but is lowest off the west coast of Ireland. The individual readings range from 30.15 in. at Munich and 30.10 in. at Haparanda, to 29.71 in. at Shields and 29.11 in. at Valencia. A rather large depression is advancing to our western coasts from the south-westward.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has become strong to a gale from S. and S.E. at our western stations, but is light and variable in the east, though mainly from some S³ point except in the north of Scandinavia, where it is moderate from E. Temperature has risen rapidly over Germany; in our Islands it has changed irregularly, having fallen at many of our eastern and north-eastern stations, risen in Ireland. The reading range from 54° at Roche's Point to 30° at Aberdeen and are much in excess of the average at our western stations, and in defect in the north-east. The weather, though it is fair or foggy over all the eastern part of our area, has become rough and rainy in the west and a lunar halo is reported from Stornoway. The sea is rough at all the south-western and western ports.

In the past 24 hours temperature has touched 57° at Valencia, 56° at Scilly, and 51° over central England. At Liverpool it fell to 27° and at Newton Reigny to 30° during the night. Bright sunshine was considerable at our western and southern coast stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The rough, mild weather will probably spread eastwards all over the Kingdom during to-day, but at present a gale is not expected in the north-eastern and eastern localities.

FORECASTS *

For the 24 hours ending at NOON on 25th November, 1902

DISTRICTS.

FORECASTS.

| | | |
|---|-----------------------|--|
| 0 | { SCOTLAND NORTH | S ³ and S.W ³ winds, moderate to strong; mild and becoming rainy. |
| 1 | { SCOTLAND EAST | |
| 2 | { ENGLAND N.E. | S.E ³ to S.W ³ winds, becoming strong and squally again in places; rainy, mild. |
| 3 | { ENGLAND EAST | |
| 4 | { MIDLAND COUNTIES | |
| 5 | { ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

| | | |
|---|--------------------|---|
| 0 | { SCOTLAND WEST | S ³ and S.W ³ gales; mild, squally, rainy weather. |
| 1 | { ENGLAND N.W. | |
| 2 | { ENGLAND S.W. | |
| 3 | { IRELAND NORTH | |
| 4 | { IRELAND SOUTH | |

WARNINGS

At 7.20 p.m. yesterday to districts
6 to 10, 'Hoist South Cone'.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|------------------|-------|-------|----------|---------------------|--------------|------|---------|-------|----------|------|----------------|--------------|------|--------|----------|
| | Bar. | Temp. | Wind. | Weather. | Barometer. | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- | Rainfall |
| | Ins. | ° | | | Ins. Change. | Dry. | Wet. | Change. | | | | | Max. | Min. | shine. | Ins. |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | Cm | * | 8.30 | 47 | 36 | 5.0 | — |
| Newton Reigny (Penrith) | 29.81 | 40 | SSW 1 | C | 29.66 | 35 | 34 | | SE 1 | C | * | 0.2m | 45 | 30 | 0.3 | 0.04 |
| Bath | 29.98 | 46 | SW 2 | O | 29.68 -29 | 45 | 44 | +13 | S 1 | O | * | — | 53 | 32 | 4.3 | 0.14 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. | Rainfall. |
|-----------------------------|--------------|------|----------|-----------|-----------|------------------------|--------------|------|----------|-----------|-----------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 47 | 32 | O, C | 1.1 | — | Worthing | * | * | * | 6.5 | * |
| Birmingham, 9 p.m. ... | 49 | 36 | C, D | 4.7 | — | Llandudno | * | * | * | 5.4 | * |
| Lowestoft, up to 6 p.m. ... | * | * | * | * | * | Rhyl up to 6 p.m. ... | * | * | * | 6.8 | * |
| Hastings | * | * | * | * | * | Southport, 9 p.m. ... | 51 | 36 | O, r | 4.2 | 0.08 |
| Eastbourne up to 6 p.m. ... | * | * | * | * | * | Manchester, 9 p.m. ... | 53 | 39 | 3C | 1.8 | 0.01 |
| Brighton | * | * | * | * | * | Darwen, 9 p.m. ... | * | * | * | * | * |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-------------------------------|---------------------------------|------|----------|-------|-----------------------|-----------------|------|----------|-------|
| | Max. | Min. | | | | Max. | Min. | | |
| 23. XI. 02 | | | | | | | | | |
| Madeira (Funchal) | <i>Information not yet recd</i> | | | Ins. | Algiers | | | | Ins. |
| Madrid | | | | | Tunis | | | | |
| Corsica (I. Sanguinaires) ... | | | | | Vienna | | | | |
| Rome | | | | | St. Petersburg | | | | |
| Florence | | | | | | | | | |
| Trieste | | | | | 22. XI. 02 | | | | |
| Naples | | | | | Lugano | 41 | — | 6 | — |
| Palermo | | | | | Davos | 30 | — | 6 | — |
| Malta | | | | | Lucerne | 32 | — | 0 | — |
| | | | | | Lausanne | 9 | — | ? | — |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard Time. | Corresponding Greenwich Times. |
|--|---|--------------------------------|---|--------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark, Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 24. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|----------------|-------------|---------------|
| Yarmouth | 7.31 | 11.40 | 3.48 |
| Greenwich | 7.34 | 11.47 | 3.59 |
| Wick | 8.22 | 11.59 | 3.35 |
| Valencia | 8.17 | 12.28 | 4.38 |

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 25th November, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|------------------|----------------------------|--|-------|--------|---------------------|----------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|------------------|----------|----------|----------------|-------------------------|-------------------|------|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall. Ins. | | |
| | | | | Dirac. | Force (0 to 12.) | | At 32° Fabr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | Force (0 to 12.) | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | | Ins. | Ins. |
| SCANDINAVIA. | Haparanda ... | 30.14 | -6 | N | 2 | b | 30.07 | -0.03 | 9 | 8 | +11 | NE | 4 | S | * | - | 30 | -8 | * | - | |
| | Hernösand ... | 30.02 | 24 | NE | 2 | o | 30.04 | +0.27 | 25 | 24 | -8 | Z | 0 | o | * | - | 37 | 24 | * | 0.08 | |
| | Stockholm ... | 29.83 | 19 | NW | 2 | b | 29.90 | +0.14 | 34 | 33 | +8 | NNE | 2 | o | * | - | ? | ? | * | - | |
| | Wisby ... | 29.77 | 36 | W | 2 | + | 29.85 | +0.03 | 35 | 33 | 0 | Z | 0 | S | * | - | 37 | 30 | * | 0.04 | |
| | Karlstad ... | 29.87 | 19 | N | 2 | b | 29.91 | +0.11 | 19 | ? | -2 | N | 2 | f | * | - | * | * | * | - | |
| | Färder (X'iania Fjord) ... | 29.82 | 32 | NNE | 4 | c | 29.89 | +0.11 | 29 | 28 | -6 | NE | 4 | o | 2 | - | 36 | 25 | * | - | |
| | Bodö ... | 29.91 | 20 | E | 4 | b | 29.93 | +0.10 | 19 | 17 | -11 | E | 4 | b | 1 | - | 30 | 18 | * | - | |
| | Christiansund ... | 29.78 | 43 | SW | 2 | + | 29.84 | +0.13 | 39 | 38 | -2 | Z | 0 | o | 2 | - | 43 | 37 | * | 0.59 | |
| | Skudesnaes ... | 29.76 | 41 | Z | 0 | c | 29.80 | +0.08 | 39 | 36 | -4 | E | 4 | b | 2 | - | 43 | 39 | * | * | |
| | Sumburgh Head ... | 29.63 | 45 | SE | 1 | o | 29.60 | -0.06 | 45 | 42 | +1 | SE | 4 | o | 5 | o | 47 | 43 | * | - | |
| BRITISH ISLANDS. | Stornoway ... | 29.44 | 44 | ESE | 3 | c | 29.37 | -0.24 | 47 | 45 | +7 | ESE | 5 | o | 5 | o, c | 51 | 39 | 0.0 | 0.01 | |
| | Malin Head ... | 29.16 | 48 | ESE | 8 | tg | 29.24 | -0.16 | 49 | 48 | +3 | SE | 3 | ogm | 3 | ogm | 49 | 46 | * | 0.07 | |
| | Blacksod Pt. ... | 29.04 | 50 | E | 4 | c | 29.20 | +0.04 | 48 | 47 | -2 | ENE | 3 | ogm | 3 | bc, c | 53 | 47 | * | 0.03 | |
| | Valencia ... | 28.69 | 51 | ESE | 8 | tgq | 29.09 | -0.02 | 50 | 48 | -3 | NNE | 5 | og | 5 | tg, tgq | 56 | 49 | 1.0 | 0.35 | |
| | Roche's Point ... | 28.87 | 52 | SSE | 9 | o | 28.97 | -0.26 | 51 | 50 | -3 | NE | 4 | o | 4 | bc, op | 54 | 50 | * | 0.33 | |
| | Parsonstown ... | 29.03 | 51 | SE | 5 | b | 29.09 | -0.16 | 49 | 47 | -3 | NW | 1 | og | * | - | 55 | 48 | 2.3 | 0.06 | |
| | Donaghadee ... | 29.26 | 49 | SSE | 7 | ot | 29.23 | -0.33 | 49 | 48 | 0 | SSE | 5 | og | 5 | ot | 50 | 44 | * | 0.26 | |
| | Liverpool Obsy. ... | 29.30 | 46 | SE | 3 | o | 29.21 | -0.42 | 48 | 46 | +9 | ESE | 4 | o | ? | ogm | 48 | 39 | * | 0.22 | |
| | Holyhead ... | 29.22 | 50 | S | 3 | bcp | 29.10 | -0.44 | 49 | 48 | +2 | E | 5 | c/p | 4 | ogm, bcp | 51 | 45 | * | 0.16 | |
| | Pembroke (St. Ann's) ... | 29.16 | 54 | S | 6 | c | 28.90 | -0.51 | 50 | 49 | -1 | E | 7 | c/p | 6 | c, p | 54 | 49 | 1.5 | 0.41 | |
| GERMANY, &c. | Scilly (St. Mary's) ... | 29.06 | 52 | S | 8 | op | 28.53 | -0.76 | 51 | 50 | 0 | SSE | 5 | f | 6 | c, op | 57 | 50 | 4.2 | 0.35 | |
| | Jersey (St. Aubins) ... | 29.46 | 53 | S | 5 | bc | 29.10 | -0.63 | 52 | 50 | +2 | SE | 7 | c | 6 | o, bcp | 55 | 50 | 0.5 | 0.26 | |
| | Portland Bill ... | 29.38 | 53 | S | 4 | b | 29.04 | -0.62 | 51 | 50 | +1 | S | 7 | c | 6 | 7, bcp | 54 | 49 | * | 0.62 | |
| | Dungeness ... | 29.54 | 51 | S | 7 | + | 29.34 | -0.55 | 51 | 49 | +2 | S | 5 | c | 4 | + | 54 | 45 | * | 0.18 | |
| | Wick ... | 29.56 | 44 | SE | 5 | c | 29.48 | -0.18 | 48 | 46 | +5 | SE | 6 | o | 4 | - | 48 | 40 | * | - | |
| | Nairn ... | 29.48 | 41 | Z | 0 | o | 29.40 | -0.26 | 45 | 44 | +13 | E | 1 | c | 1 | - | 46 | 30 | * | 0.05 | |
| | Aberdeen ... | 29.56 | 45 | SE | 3 | o | 29.45 | -0.24 | 46 | 45 | +16 | SE | 5 | ogq | 6 | c, o | 47 | 30 | 0.0 | 0.03 | |
| | Leith ... | 29.45 | 45 | E | 2 | o | 29.34 | -0.34 | 48 | 47 | +10 | E | 2 | o | * | - | 49 | 35 | * | 0.03 | |
| | North Shields ... | 29.48 | 47 | ESE | 4 | o | 29.33 | -0.38 | 48 | 48 | +11 | ESE | 3 | o | 4 | f, + | 48 | 35 | * | 0.18 | |
| | Spurn Head ... | 29.44 | 43 | ESE | 6 | + | 29.33 | -0.45 | 46 | 45 | +8 | SE | 4 | bc | 2 | + | 47 | 37 | * | 0.35 | |
| FRANCE. | Yarmouth ... | 29.58 | 46 | SSE | 6 | tg | 29.39 | -0.45 | 48 | 47 | +13 | SE | 4 | bcw | 4 | c, tg | 48 | 33 | * | 0.44 | |
| | Loughborough ... | 29.40 | 47 | SSE | 4 | + | 29.26 | -0.51 | 46 | 45 | +11 | ESE | 3 | c, w | * | 7, o, bc | 48 | 35 | * | 0.19 | |
| | Oxford ... | 29.38 | 50 | SSE | 1 | bc | 29.19 | -0.57 | 50 | 49 | +8 | SE | 3 | + | * | bc, r | 51 | 42 | * | 0.30 | |
| | London (Brixton) ... | 29.45 | 50 | SSE | 3 | o | 29.26 | -0.53 | 50 | 48 | +6 | SSE | 4 | c | * | og, o | 51 | 44 | 0.0 | 0.17 | |
| | The Scaw (Skagen) ... | 29.79 | 41 | NNE | 1 | mw | 29.84 | +0.05 | 38 | 38 | -1 | ENE | 2 | mw | 0 | - | 41 | 37 | * | 0.12 | |
| | Fanö ... | 29.82 | 39 | SSW | 2 | o | 29.79 | -0.07 | 34 | 33 | -6 | ESE | 3 | mw | * | - | 43 | 34 | * | - | |
| | Cuxhaven ... | 29.87 | 36 | S | 1 | f | 29.75 | -0.17 | 33 | 33 | -1 | E | 3 | f | * | f | 37 | 32 | * | 0.04 | |
| | The Helder ... | 29.71 | 37 | SSE | 1 | f | 29.51 | -0.36 | 37 | 37 | +2 | SE | 1 | f | 0 | - | 39 | 35 | * | 0.12 | |
| | Brussels ... | * | * | * | * | * | 29.52 | -0.48 | 44 | 43 | +8 | SE | 2 | o | * | - | 44 | 36 | * | 0.16 | |
| | Berlin ... | 29.93 | 35 | S | 1 | o | 29.84 | -0.20 | 33 | 33 | -8 | SE | 1 | b | * | - | 36 | 25 | * | - | |
| SPAN. PEN. | Frankfurt ... | 29.91 | 36 | Z | 0 | f | 29.72 | -0.40 | 36 | 36 | +3 | E | 2 | o | * | - | 37 | 33 | * | 0.04 | |
| | Munich ... | 29.95 | 30 | SE | 3 | b | 29.78 | -0.37 | 33 | 31 | +1 | SW | 2 | f | * | - | 41 | 28 | * | - | |
| | C. Gris Nez ... | 29.59 | 46 | S | 6 | + | 29.40 | -0.51 | 46 | 46 | +7 | SE | 4 | o | 4 | - | 48 | 39 | * | 0.35 | |
| | Brest ... | 29.34 | 55 | SSW | 6 | + | 28.97 | -0.54 | 54 | 54 | -2 | SW | 6 | + | 7 | - | 57 | 50 | * | 0.47 | |
| | Lorient ... | 29.42 | 55 | SW | 5 | o | 29.10 | -0.63 | 54 | 54 | -1 | SW | 7 | + | 9 | - | 59 | 50 | * | 0.35 | |
| | Rochefort ... | 29.74 | 50 | S | 4 | + | 29.46 | -0.50 | 54 | 50 | +6 | SW | 7 | + | * | + | 54 | 48 | * | 0.79 | |
| | Biarritz ... | 29.76 | 60 | S | 5 | b | ? | ? | 57 | 52 | +2 | WSW | 5 | c | 7 | - | 60 | 50 | * | - | |
| | Paris ... | 29.73 | 46 | S | 4 | + | 29.50 | -0.53 | 48 | 47 | +11 | S | 4 | o | * | - | 48 | 37 | * | 0.12 | |
| | Belfort ... | 29.92 | 38 | Z | 0 | mw | 29.67 | -0.45 | 38 | 37 | +3 | NE | 2 | o | * | - | 44 | 35 | * | 0.04 | |
| | Lyons ... | 29.97 | 44 | S | 2 | o | 29.68 | -0.51 | 50 | 47 | +17 | S | 3 | + | * | - | 50 | 33 | * | 0.04 | |
| Nice ... | 30.06 | 47 | Z | 0 | c | 29.87 | -0.25 | 43 | 41 | +4 | ENE | 2 | o | 2 | - | 54 | 39 | * | - | | |
| Perpignan ... | 29.95 | 53 | Z | 0 | o | 29.63 | -0.52 | 47 | 47 | +8 | SW | 1 | o | * | - | 60 | 29 | * | - | | |
| SPAN. PEN. | Corunna ... | | | | | | | | | | | | | | | | | | | | |
| | Lisbon ... | | | | | | | | | | | | | | | | | | | | |
| | Azores (P. Delgada) ... | | | | | | | | | | | | | | | | | | | | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Tuesday, 25th Nov^r 1902.

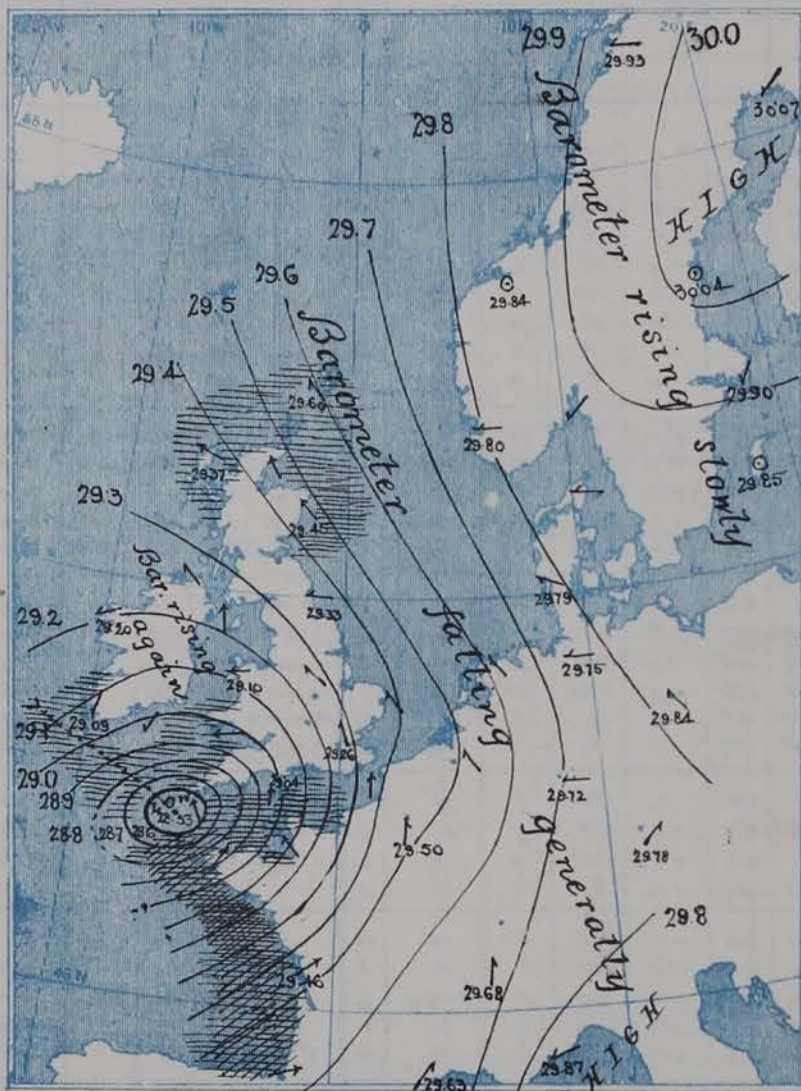
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ○
Force 8 to 10 → Force 1 to 4 → }

SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus -0.6

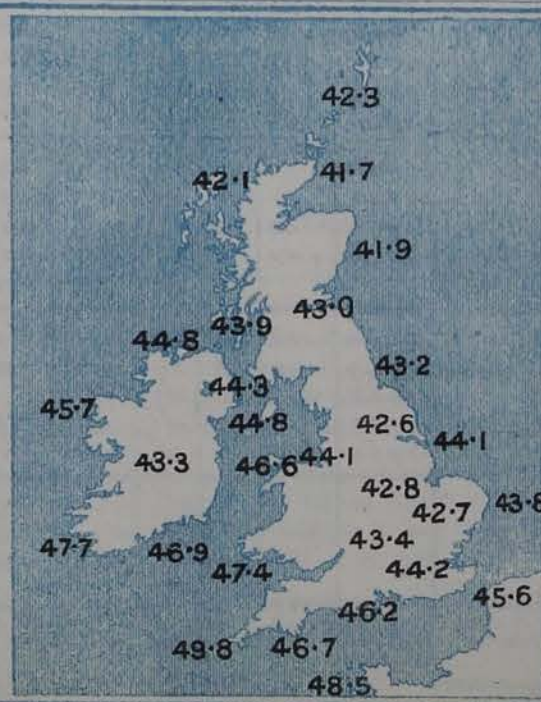


III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period NOVEMBER-DECEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

This morning's observations show that pressure is higher over northern Europe, the Baltic and Germany than elsewhere, and lowest in a small deep depression lying at the mouth of the English Channel. The readings range from 30.07 in. at Haparanda and 29.84 in. at Berlin to 28.53 in. at Scilly. The barometer has now begun to rise in the west and north of Ireland.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light and variable winds prevail over all the countries lying to the eastward of the North Sea; on our own east and north-east coasts the wind is moderate from S. or S.E. while at the western and south-western stations there is a cyclonic circulation of winds, which are strong to a moderate gale in force. At Lorient the wind is S.W.^{ly}, in Devon and Cornwall S.^{ly}, at Pembroke and Holyhead E.^{ly}, while in Ireland it is moderate from N.E. Temperature has fallen at some of the Irish stations, but has risen elsewhere, especially in France and along our eastern coasts. It varies from 51° at several of our south-western stations to 45° at several northern ones, and is higher than the average very generally. The weather over our Islands and France is very cloudy and changeable - rainy in many places. Over the more eastern countries it is fair or foggy. The sea is moderate on our south-eastern coasts, rough on our other coasts and very high in the Bay of Biscay.

Yesterday's maximum temperatures exceeded 50° in many places. Rain fell very generally. Bright sunshine was absent except in Ireland, the Scilly Islands and south Wales.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression will probably move south-eastwards and fill up slowly, and the wind return to S.E. and E. in our Islands, with finer and cooler weather.

FORECASTS *

For the 24 hours ending at NOON on 26th November, 1902

DISTRICTS.



FORECASTS.

| | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | S.E. ^{ly} winds, fresh to moderate; cooler, some showers. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | |
| 3 | ENGLAND EAST | S. ^{ly} to E. ^{ly} winds, strong to moderate; cooler, showery to fair. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

| | | |
|----------|---------------|---|
| 6 | SCOTLAND WEST | Same as Nos. 0 to 2. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | Same as Nos. 3 to 5. |
| 9 | IRELAND NORTH | Variable and E. ^{ly} breezes; cooler, finer than at present. |
| 10 | IRELAND SOUTH | N.E. ^{ly} breezes, moderate; cooler, fair as a whole. |
| WARNINGS | | At 3.15 p.m. yesterday to districts 0 to 3 and 5, Hoist South Cone. The signals are still flying on all coasts. |

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|----------------|----------|-------------|------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. | Min. | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | bc | * | c, r | 48 | 43 | 1.3 | 0.17 |
| Newton Reigny (Penrith) | 29.37 | 43 | SE 4 | r | 29.29 | -.37 | 45 | 45 | +10 | Z 0 | 0 | * | ogt | 46 | 35 | 0.0 | 0.09 |
| Bath | 29.35 | 52 | S 1 | r | 29.10 | -.58 | 50 | 49 | +5 | SE 4 | r | * | - | 53 | ?45 | 0.0 | 0.46 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|-----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 43 | 31 | om, OT | 0.0 | 0.23 | Worthing | * | * | * | 0.0 | * |
| Birmingham, 9 p.m. ... | 49 | 35 | my, c | 0.0 | 0.28 | Llandudno | * | * | * | 0.0 | * |
| Lowestoft, up to 6 p.m. ... | 46 | 33 | o, OT, bc | 0.0 | 0.04 | Rhyl up to 6 p.m. ... | * | * | * | 0.0 | * |
| Hastings | * | * | * | 0.0 | * | Southport, 9 p.m. ... | 48 | 37 | 0, OT | 0.1 | 0.24 |
| Eastbourne up to 6 p.m. ... | * | * | * | 0.0 | * | Manchester, 9 p.m. ... | 51 | 34 | OT, w | 0.3 | 0.17 |
| Brighton | * | * | * | 0.0 | * | Darwen, 9 p.m. ... | 46 | 36 | 0, b | 0.0 | 0.37 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-------------------------------|-----------------|------|----------|-------|-----------------------|----------------------------------|------|----------|-----------------|
| | Max. | Min. | | | | Max. | Min. | | |
| 24 XI. 02 | | | | | | | | | |
| Madeira (Funchal) | 60 | 55 | b 0 | Ins. | Algiers | 66 | 55 | 0 c | 0.04 |
| Madrid | 55 | 36 | b 0 | — | Tunis | 59 | 50 | 0 f | 0.04 |
| Corsica (I. Sanguinaires) ... | 57 | 41 | f f | — | Vienna | 39 | 18 | b m | — |
| Rome | 54 | 37 | b c | — | St. Petersburg | 36 | 21 | 0 s | — |
| Florence | 46 | 26 | m m | — | Lugano | 23. XI. 02. Information not recd | | | |
| Trieste | 50 | 37 | b b | — | Davos | | | | Measured 7 a.m. |
| Naples | 51 | 42 | c b | — | Lucerne | | | | |
| Palermo | 63 | 44 | c 0 | — | Lausanne | | | | |
| Malta | 56 | 54 | ? c | 0.39 | | | | | |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. | 25. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|--|--|--------------------------------------|--|--------------------------------------|------------------|-------------------|----------------|------------------|
| | | | | | | | | |
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. | Yarmouth | 7.33 | 11.40 | 3.47 |
| Germany, Denmark, Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. | Greenwich | 7.36 | 11.47 | 3.58 |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. | Wick | 8.24 | 11.59 | 3.33 |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. | Valencia | 8.19 | 12.28 | 4.37 |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | | | | | |

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" Weekly " " " £1 10 0 " Single Copies, 6d.

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 26th November, 1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|-------------------------|-----------------------|--|---------------------|---------------------------------|------------------------------------|--------------|---|------------------------------------|--------------|---------------------|------|-------|---|------------------|----------|-------|----------------|-------------------------|-------------------|------|--|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Temperature. | | | Wind. | | Sea (0 to 9.) | Weather. | Temp. | | Sun- shine. Hours | Rainfall. Ins. | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| At 32° and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | At 32° Fabr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dires. | Force (0 to 12.) | Max. | Min. | | | | | | | | | |
| Ins. | Ins. | ° | ° | Ins. | Ins. | ° | ° | Ins. | Ins. | ° | ° | ° | ° | | | | | | | | |
| SCANDINAVIA. | Haparanda ... | 30.03 | 14 | W | 2 | C | 30.30 | +0.23 | 16 | 16 | +7 | Z | 0 | 0 | * | - | 16 | ? | * | - | |
| | Hernösand ... | 30.00 | 30 | S | 2 | S | 29.90 | -0.14 | 31 | 30 | +6 | Z | 0 | 0 | * | - | 31 | 25 | * | 0.08 | |
| | Stockholm ... | 30.01 | 27 | Z | 0 | 0 | 30.00 | +0.10 | 19 | 19 | -15 | NW | 2 | 0 | * | - | 34 | 19 | * | 0.08 | |
| | Wisby ... | 29.92 | 32 | W | 2 | C | 29.95 | +0.10 | 27 | 26 | -8 | W | 2 | 0 | * | - | 41 | 27 | * | - | |
| | Karlstad ... | 29.95 | 33 | NE | 2 | 0 | 29.94 | +0.03 | 33 | 32 | +14 | NE | 2 | 0 | * | - | * | * | * | - | |
| | Færder (X'ania Fjord) | 29.92 | 34 | NE | 2 | 0 | 29.91 | +0.02 | 36 | 34 | +7 | SE | 2 | 0 | 1 | - | 36 | 28 | * | - | |
| | Bodö ... | 29.91 | 19 | E | 2 | 0 | 29.72 | +0.21 | 23 | 23 | +4 | E | 4 | 0 | 1 | - | ? | 18 | * | - | |
| | Christiansund ... | 29.82 | 38 | ESE | 1 | C | 29.79 | -0.05 | 37 | 35 | -2 | E | 1 | 0 | 3 | - | 39 | 36 | * | - | |
| | Skudesnaes ... | 29.82 | 39 | E | 4 | 0 | 29.81 | +0.01 | 41 | 39 | +2 | SSE | 4 | 0 | 3 | - | 41 | 38 | * | - | |
| | Sumburgh Head | 29.55 | 45 | SE | 5 | 0 | 29.52 | -0.08 | 45 | 44 | 0 | SE | 4 | + | 5 | 0 | 47 | 42 | * | 0.06 | |
| Stornoway ... | 29.33 | 49 | SSE | 3 | 0 | 29.34 | -0.03 | 47 | 46 | 0 | Z | 0 | C | 2 | 0 | 50 | 45 | 0.0 | 0.10 | | |
| Malin Head ... | 29.29 | 47 | SE | 4 | 0 | 29.35 | +0.11 | 49 | 48 | 0 | NW | 2 | + | 1 | 0.0 | 50 | 47 | * | 0.10 | | |
| Blacksod Pt. ... | 29.31 | 49 | Z | 0 | 0 | 29.44 | +0.24 | 44 | 42 | -4 | WNW | 1 | 0 | 2 | 0 | 50 | 43 | * | 0.09 | | |
| Valencia ... | 29.37 | 52 | NNW | 3 | 0 | 29.44 | +0.35 | 41 | 40 | -9 | Z | 0 | C | 4 | 0 | 53 | 40 | 0.1 | 0.07 | | |
| Roche's Point ... | 29.29 | 51 | NNW | 4 | 0 | 29.39 | +0.42 | 46 | 45 | -5 | NW | 3 | 0 | 2 | 0 | 52 | 46 | * | 0.02 | | |
| Parsonstown ... | 29.29 | 47 | SW | 1 | 0 | 29.41 | +0.32 | 44 | 43 | -5 | W | 1 | 0 | 1 | 0 | 51 | 42 | 0.0 | 0.02 | | |
| Donaghadee ... | 29.28 | 51 | SE | 3 | 0 | 29.36 | +0.13 | 50 | 49 | +1 | SE | 2 | + | 1 | 0 | 53 | 47 | * | 0.25 | | |
| Liverpool Obsy. | 29.29 | 47 | E | 4 | 0 | 29.40 | +0.19 | 47 | 46 | -1 | E | 1 | 0 | 1 | 0 | 51 | 46 | * | - | | |
| Holyhead ... | 29.22 | 49 | E | 6 | 0 | 29.35 | +0.25 | 47 | 47 | -2 | Z | 0 | 0 | 1 | 0 | 50 | 46 | * | 0.13 | | |
| Pembroke (St. Ann's) | 29.16 | 51 | NNE | 4 | 0 | 29.33 | +0.43 | 50 | 49 | 0 | NW | 2 | 0 | 4 | 0 | 53 | 47 | 0.3 | 0.04 | | |
| Scilly (St. Mary's)... | 29.13 | 53 | NNW | 6 | 0 | 29.38 | +0.85 | 52 | 50 | +1 | W | 5 | C | 4 | 0 | 56 | 49 | 1.5 | 0.11 | | |
| Jersey (St. Aubins)... | 28.93 | 53 | SE | 8 | 0 | 29.40 | +0.30 | 51 | 50 | -1 | WNW | 3 | 0 | 3 | 0 | 54 | 50 | 1.3 | 0.26 | | |
| Portland Bill ... | 29.06 | 51 | SE | 5 | 0 | 29.37 | +0.33 | 48 | 47 | -3 | N | 1 | 0 | 1 | 0 | 53 | 47 | * | 0.27 | | |
| Dungeness ... | 29.23 | 51 | SE | 6 | 0 | 29.38 | +0.04 | 48 | 47 | -3 | ESE | 4 | 0 | 2 | 0 | 54 | 47 | * | 0.02 | | |
| Wick ... | 29.44 | 47 | SE | 6 | 0 | 29.44 | -0.04 | 48 | 47 | 0 | S | 5 | C | 4 | 0 | 48 | 45 | * | 0.03 | | |
| Nairn ... | 29.37 | 47 | E | 1 | C | 29.40 | 0.00 | 43 | 42 | -2 | Z | 0 | C | 0 | 0 | 48 | 39 | * | 0.01 | | |
| Aberdeen ... | 29.44 | 47 | SE | 6 | 0 | 29.48 | +0.03 | 47 | 46 | +1 | SE | 3 | 0 | 5 | 0 | 47 | 45 | 0.0 | 0.30 | | |
| Leith ... | 29.37 | 48 | Z | 0 | C | 29.43 | +0.09 | 47 | 45 | -1 | SE | 1 | 0 | 1 | 0 | 49 | 44 | * | - | | |
| North Shields ... | 29.38 | 48 | ESE | 4 | 0 | 29.46 | +0.13 | 47 | 46 | -1 | ESE | 3 | 0 | 4 | 0 | 49 | 45 | * | 0.08 | | |
| Spurn Head ... | 29.35 | 46 | ESE | 4 | C | 29.44 | +0.11 | 46 | 45 | 0 | ESE | 4 | 0 | 4 | 0 | 48 | 45 | * | - | | |
| Yarmouth ... | 29.34 | 49 | ESE | 5 | C | 29.42 | +0.03 | 47 | 46 | -1 | ESE | 4 | 0 | 5 | 0 | 49 | 45 | * | - | | |
| Loughborough ... | 29.28 | 48 | ESE | 3 | 0 | 29.41 | +0.15 | 46 | 46 | 0 | E | 2 | 0 | 1 | 0 | 51 | 46 | * | 0.05 | | |
| Oxford ... | 29.24 | 48 | E | 1 | 0 | 29.40 | +0.21 | 47 | 46 | -3 | NE | 1 | 0 | 1 | 0 | 50 | 46 | * | 0.11 | | |
| London (Brixton) | 29.22 | 51 | ESE | 2 | 0 | 29.38 | +0.12 | 47 | 46 | -3 | ENE | 1 | 0 | 1 | 0 | 52 | 46 | 0.0 | 0.09 | | |
| The Scaw (Skagen) | 29.88 | 39 | SE | 3 | m | 29.89 | +0.05 | 38 | 38 | 0 | SSE | 3 | C | 1 | 0 | 39 | 37 | * | - | | |
| Fanö ... | 29.78 | 36 | ESE | 6 | 0 | 29.78 | -0.01 | 36 | 36 | +2 | ESE | 6 | C | 2 | 0 | 41 | 34 | * | - | | |
| Cuxhaven ... | 29.69 | 34 | SE | 4 | f | 29.70 | -0.05 | 34 | 33 | +1 | SE | 5 | 0 | 2 | 0 | 36 | 32 | * | - | | |
| The Helder ... | 29.47 | 39 | ESE | 2 | 0 | 29.49 | -0.02 | 37 | 36 | 0 | ESE | 2 | 0 | 1 | 0 | 39 | 32 | * | - | | |
| Brussels ... | * | * | * | * | * | 29.43 | -0.09 | 41 | 40 | -3 | ESE | 2 | C | 2 | 0 | 51 | 39 | * | - | | |
| Berlin ... | 29.79 | 32 | ESE | 2 | 0 | 29.80 | -0.04 | 33 | 33 | 0 | E | 2 | 0 | 2 | 0 | 43 | 30 | * | - | | |
| Frankfurt ... | 29.59 | 37 | E | 2 | 0 | 29.56 | -0.16 | 37 | 35 | +1 | E | 2 | C | 2 | 0 | 39 | 36 | * | 0.08 | | |
| Munich ... | 29.59 | 30 | SE | 3 | 0 | 29.56 | -0.22 | 29 | 28 | -4 | E | 3 | 0 | 2 | 0 | 41 | 27 | * | - | | |
| C. Gris Nez ... | 29.29 | 48 | E | 5 | 0 | 29.38 | -0.02 | 44 | 43 | -2 | E | 3 | 0 | 4 | 0 | 57 | 43 | * | - | | |
| Brest ... | 29.03 | 54 | NNW | 6 | + | 29.58 | +0.61 | 52 | 48 | -2 | NNW | 4 | 0 | 5 | 0 | 54 | 50 | * | 0.24 | | |
| Lorient ... | 29.01 | 53 | W | 8 | + | 29.52 | +0.42 | 55 | 55 | +1 | NW | 6 | 0 | 7 | 0 | 55 | 50 | * | 0.47 | | |
| Rocheport ... | 29.33 | 55 | WSW | 6 | C | 29.56 | +0.10 | 54 | 54 | 0 | WNW | 7 | 0 | 8 | 0 | 57 | 50 | * | 0.32 | | |
| Biarritz ... | 29.67 | 58 | W | 9 | 0 | 30.21 | +0.54 | 55 | 53 | -2 | WSW | 8 | 0 | 8 | 0 | 59 | 48 | * | 0.12 | | |
| Paris ... | 29.32 | 50 | S | 5 | 0 | 29.25 | -0.25 | 47 | 46 | -1 | ENE | 3 | 0 | 2 | 0 | 56 | 46 | * | 0.16 | | |
| Belfort ... | 29.52 | 42 | Z | 0 | + | 29.43 | -0.24 | 39 | 38 | +1 | ENE | 3 | + | 2 | 0 | 44 | 38 | * | 0.20 | | |
| Lyons ... | 29.59 | 43 | S | 1 | 0 | 29.47 | -0.21 | 45 | 43 | -5 | SE | 1 | 0 | 2 | 0 | 50 | 41 | * | 0.95 | | |
| Nice ... | 29.57 | 46 | NE | 2 | 0 | 29.53 | -0.34 | 41 | 40 | -2 | E | 1 | 0 | 4 | 0 | 48 | 41 | * | 1.10 | | |
| Perpignan ... | 29.63 | 55 | NW | 3 | 0 | 29.69 | +0.06 | 56 | 47 | +9 | NW | 5 | C | 2 | 0 | 64 | 45 | * | - | | |
| Corunna ... | 30.12 | 57 | W | 3 | 0 | 30.14 | +0.06 | 54 | 52 | -4 | WNW | 2 | 0 | 2 | 0 | 61 | 54 | * | - | | |
| Lisbon ... | 30.12 | 57 | W | 3 | 0 | 30.14 | +0.06 | 54 | 52 | -4 | WNW | 2 | 0 | 2 | 0 | 61 | 54 | * | - | | |
| Azores (P. Delgada) | 30.12 | 57 | W | 3 | 0 | 30.14 | +0.06 | 54 | 52 | -4 | WNW | 2 | 0 | 2 | 0 | 61 | 54 | * | - | | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR

Wednesday, 26th Nov^r

1902.

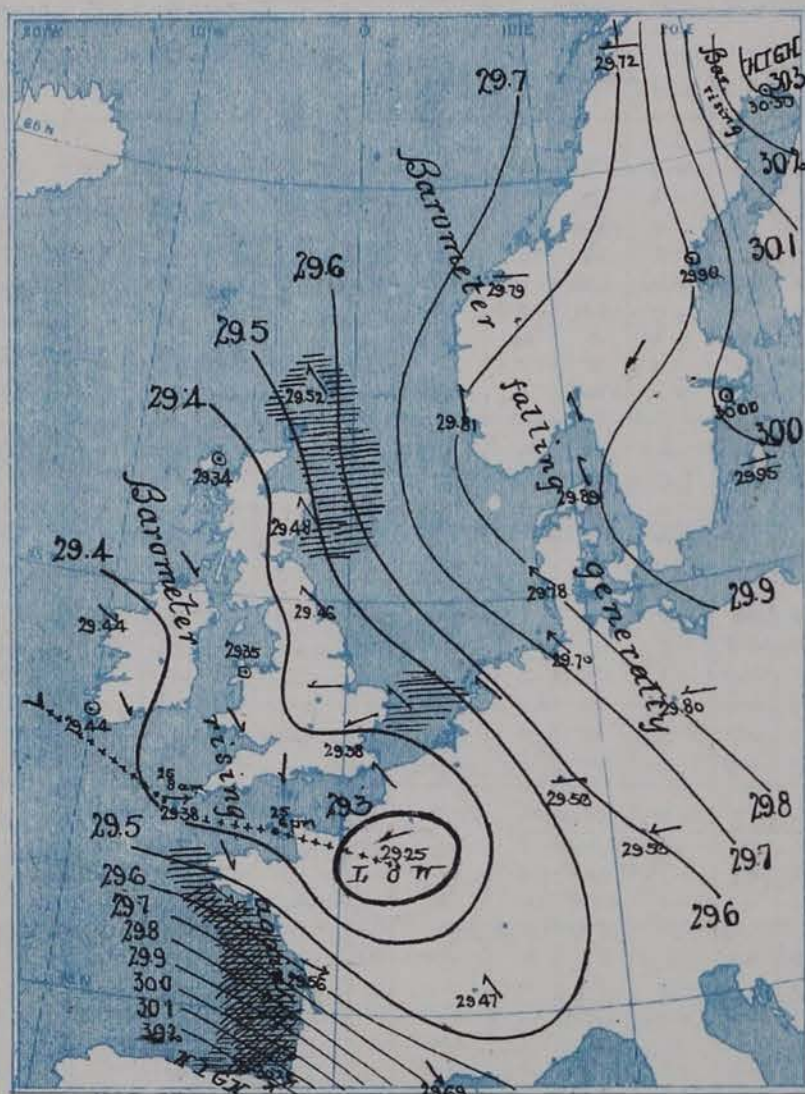
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough High



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

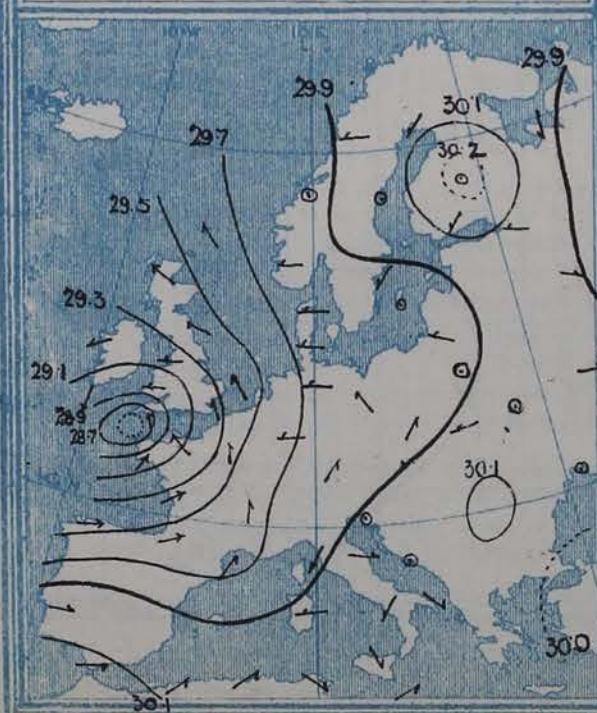
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus -0.6



III BAROMETER AND WIND

Yesterday morning.



IV Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V Means of DAILY TEMPERATURE at 8 A.M. for the Two monthly period NOVEMBER-DECEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure this morning is very complex. The barometer is highest over the extreme North of Europe on the one hand, and the north of Spain on the other, while it is lowest over Central France, and rather low over the southern, western and north-western parts of the British Islands. Readings vary from 30.30 in. at Haparanda and 30.21 in. at Bismarck to 29.25 in. at Paris, 29.33 in. at Pembroke and 29.34 in. at Stornoway. Gradients are steep in the south-west of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind over our eastern districts and the North Sea is S.E.^{ly} in direction, and blows very freshly in Holstein; in the north-east of France it is E.^{ly} and light, and in the west and south-west it is blowing a gale from the W.^d. On our own western coasts there are calms and variable airs generally, but a fresh W.^{ly} breeze at Scilly. Temperature has fallen somewhat in a few places—most at Valencia—and ranges from 52° at Scilly to 45° at Newton Reigny and 41° at Valencia. The values are still in excess of the average except in the west of Ireland. The weather over our Islands, though quieter than of late, is dull, damp (misty and rainy) as a whole, and the sea is rough at several of our northern and eastern stations—moderate or slight as a whole elsewhere; it is very high on the south-west coast of France.

In many places yesterday's maximum temperatures were much above 50° (56° at Scilly) and the night was warm. Rain again fell over the British Islands and France (1.10 in. at Nice, and 0.95 in. at Lyons). Of bright sunshine there was very little.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very changeable, misty, damp weather is probable in our Islands, but at present there is no decided indication of the early advance of any new depression to our coasts. The disturbance over France will probably fill up.

FORECASTS *

For the 24 hours ending at NOON on 27th November, 1902

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

Variable breezes, light; changeable, some rain.

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

S.E.^{ly} and E.^{ly} winds, light; dull,

3 { ENGLAND
EAST

misty, rain at times.

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

Variable and S.W.^{ly} breezes, light;

8 { ENGLAND
S.W.

fair as a whole, but slight rain

9 { IRELAND
NORTH

in a few localities.

10 { IRELAND
SOUTH

WARNINGS

None issued this morning.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | | | PAST 24 HOURS. | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|------|----------|----------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature. | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | 0 | * | 0 | 49 | 46 | 3.0 | — |
| Newton Reigny (Penrith) | 29.33 | 47 | SE 3 | 0 | 29.39 | +10 | 45 | 44 | 0 | ESE 2 | 0 | * | 092m | 48 | 44 | 0.2 | 0.02 |
| Bath | 29.15 | 50 | NW 2 | + | 29.38 | +28 | 48 | 47 | -2 | N 1 | 0 | * | — | 52 | 47 | 0.0 | 0.05 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 48 | 33 | T, 0 | 0.0 | 0.49 | Worthing | * | * | * | 0.5 | * |
| Birmingham, 9 p.m. ... | 49 | 46 | + | 0.0 | 0.04 | Llandudno | * | * | * | 0.0 | * |
| Lowestoft, up to 6 p.m. ... | 51 | 46 | 02, C, 0 | 0.7 | 0.35 | Rhyl up to 6 p.m. ... | * | * | * | 0.0 | * |
| Hastings | * | * | * | 0.0 | * | Southport, 9 p.m. ... | 51 | 46 | 02, C, 0 | 0.4 | 0.01 |
| Eastbourne up to 6 p.m. ... | * | * | * | 0.1 | * | Manchester, 9 p.m. ... | 54 | 47 | 07 | 0.3 | 0.01 |
| Brighton | * | * | * | 0.0 | * | Darwen, 9 p.m. ... | 47 | 44 | 0mg2, + | 0.0 | 0.01 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-----------------------------------|-----------------|------|----------|-----------|-----------------------|-----------------|------|---------------|-----------------|
| | Max. | Min. | | | | Max. | Min. | | |
| 25. XII. 02 | | | | | | | | | |
| Madeira (Funchal) <i>not rec.</i> | 57 | 43 | f. m | Ins. 0.24 | Algiers | 70 | 57 | b. b. | Ins. |
| Madrid ... <i>not rec.</i> | | | | | Tunis | 59 | 45 | 0 0 | — |
| Corsica (I. Sanguinaires) ... | 57 | 43 | f. m | 0.24 | Vienna | 34 | 18 | b. m | — |
| Rome | 52 | 36 | 16 0 | — | St. Petersburg... .. | 34 | 5 | 0 b | — |
| Florence | 46 | 29 | b. r | — | Lugano ... 24. XI. 02 | 37 | — | 1 p.m. 1 p.m. | Measured 7 a.m. |
| Trieste | 46 | 30 | b. 0 | — | Davos | 36 | — | b | — |
| Naples | 51 | 43 | b. 0 | — | Lucerne | 43 | — | b | — |
| Palermo | 65 | 45 | b. m | — | Lausanne | 41 | — | bc | — |
| Malta | 59 | 53 | ? c | — | | | | | |

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WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 26. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | 7.34 | 11.40 | 3.46 |
| Greenwich | 7.37 | 11.47 | 3.57 |
| Wick | 8.27 | 11.59 | 3.51 |
| Valencia | 8.20 | 12.28 | 4.36 |

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DAILY WEATHER REPORT

for 8 a.m. on Thursday 27th November

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|---------------------|---------------------------|--|--------------|--------|---------------------------|-------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------------|------------------|----------|----------|----------------|------------------------|------------------|------|------|
| | | BAROM. | | TEMP. | | WIND. | BAROMETER. | | TEMPERATURE. | | | WIND. | | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine Hours | Rainfall Ins. | | |
| | | At 32° and M.S.L. | Dry Bulb. | Dirac. | Force (0 to 12.) | | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Dirac. | Force (0 to 12.) | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | | Ins. | Ins. |
| SCANDINAVIA. | Haparanda ... | 29.67 | 27 | SW | 6 | S | 29.38 | -0.53 | 25 | 24 | +9 | E | 2 | 0 | * | - | 27 | 5 | * | 0.28 | |
| | Hernösand ... | 29.74 | 27 | Z | 0 | 0 | 29.60 | -0.30 | 31 | 31 | 0 | Z | 0 | S | * | - | 32 | 25 | * | - | |
| | Stockholm ... | 29.93 | 28 | Z | 0 | 0 | 29.83 | -0.17 | 29 | 28 | +10 | SW | 2 | 0 | * | - | 30 | 16 | * | - | |
| | Wisby ... | 29.92 | 31 | Z | 0 | bc | 29.88 | -0.07 | 33 | 32 | +8 | Z | 0 | 0 | * | - | 37 | 27 | * | - | |
| | Karlstad ... | 29.91 | 32 | Z | 0 | 0 | 29.82 | -0.12 | 32 | 31 | -1 | SW | 2 | 0 | * | - | * | * | * | - | |
| | Færder (X'ania Fjord) ... | 29.89 | 37 | SSW | 2 | 0 | 29.81 | -0.10 | 37 | 36 | +1 | W | 4 | 0 | 2 | - | 37 | 36 | * | - | |
| | Bodö ... | 29.45 | 34 | SW | 6 | 0 | 29.48 | -0.24 | 35 | 33 | +12 | WSW | 2 | bc | 1 | - | 35 | 23 | * | - | |
| | Christiansund ... | 29.73 | 41 | W | 3 | 0 | 29.62 | -0.17 | 42 | 38 | +5 | W | 6 | 0 | 4 | - | 43 | 36 | * | - | |
| | Skudesnaes ... | 29.81 | 41 | SSE | 6 | 0 | 29.76 | -0.05 | 40 | 37 | -1 | SSE | 6 | 0 | 4 | 0 | 41 | 39 | * | - | |
| | BRITISH ISLANDS. | Sumburgh Head ... | 29.50 | 46 | SE | 3 | f | 29.49 | -0.03 | 47 | 46 | +2 | SW | 1 | 0 | 5 | f | 47 | 44 | * | 0.14 |
| Stornoway ... | | 29.45 | 45 | Z | 0 | d | 29.46 | +0.12 | 41 | 41 | -6 | WSW | 1 | b | 3 | d | 48 | 33 | 0.0 | 0.17 | |
| Malin Head ... | | 29.51 | 48 | NW | 3 | bc | 29.43 | +0.08 | 42 | 40 | -7 | SSE | 5 | bc | 3 | c, bc | 49 | 39 | * | 0.01 | |
| Blacksod Pt. ... | | 29.56 | 45 | WNW | 3 | bcp | 29.35 | -0.09 | 51 | 48 | +7 | S | 6 | om | 5 | bcp | 51 | 42 | * | 0.02 | |
| Valencia ... | | 29.65 | 45 | Z | 0 | b | 29.43 | -0.01 | 49 | 48 | +8 | S | 5 | om | 4 | bcp, b | 52 | 40 | 2.9 | 0.02 | |
| Roche's Point ... | | 29.59 | 47 | NNW | 4 | b | 29.53 | +0.14 | 50 | 49 | +4 | SSW | 4 | c | 3 | b | 52 | 37 | * | 0.01 | |
| Parsonstown ... | | 29.58 | 41 | NW | 1 | b | 29.51 | +0.10 | 38 | 37 | -6 | SE | 2 | c | * | b | 49 | 34 | 4.7 | 0.04 | |
| Donaghadee ... | | 29.46 | 48 | WNW | 2 | ot | 29.54 | +0.18 | 37 | 37 | -13 | WSW | 2 | b | 1 | - | 53 | 34 | * | 0.60 | |
| Liverpool Obsy. ... | | 29.51 | 46 | ESE | 1 | o | 29.60 | +0.20 | 45 | 44 | -2 | SW | 1 | bc | 1 | om, o | 48 | 44 | * | - | |
| Holyhead ... | | 29.47 | 49 | W | 1 | rmg | 29.59 | +0.24 | 43 | 42 | -4 | SW | 1 | bef | 1 | f, tmg | 50 | 42 | * | 0.12 | |
| GERMANY, &c. | Pembroke (St. Ann's) ... | 29.50 | 50 | N | 4 | o | 29.63 | +0.30 | 48 | 44 | -2 | WNW | 2 | bcr | 2 | o, p | 52 | 45 | 0.0 | 0.05 | |
| | Scilly (St. Mary's) ... | 29.52 | 51 | NNW | 5 | cp | 29.64 | +0.26 | 51 | 48 | -1 | SSW | 2 | bc | 3 | c, cp | 55 | 47 | 2.1 | 0.09 | |
| | Jersey (St. Aubins) ... | 29.46 | 50 | WNW | 3 | og | 29.68 | +0.28 | 48 | 47 | -3 | NW | 3 | bcm | 3 | cp, og | 53 | 47 | 0.7 | 0.22 | |
| | Portland Bill ... | 29.46 | 49 | NE | 1 | c | 29.64 | +0.27 | 49 | 47 | +1 | NW | 2 | ew | 1 | cm, c | 51 | 45 | * | - | |
| | Dungeness ... | 29.46 | 50 | ESE | 3 | o | 29.62 | +0.24 | 45 | 44 | -3 | N | 1 | m | 1 | o | 50 | 44 | * | 0.01 | |
| | Wick ... | 29.48 | 48 | S | 5 | o | 29.51 | +0.07 | 45 | 44 | -3 | S | 1 | o | 2 | - | 48 | 44 | * | 0.01 | |
| | Nairn ... | 29.46 | 45 | Z | 0 | o | 29.49 | +0.04 | 42 | 41 | -1 | Z | 0 | o | 1 | - | 46 | 40 | * | 0.07 | |
| | Aberdeen ... | 29.52 | 47 | SSE | 2 | o | 29.54 | +0.06 | 46 | 45 | -1 | S | 1 | ogm | 3 | f, o | 48 | 44 | 0.0 | 0.04 | |
| | Leith ... | 29.50 | 47 | SE | 1 | c | 29.54 | +0.11 | 45 | 44 | -2 | SE | 1 | cm | * | - | 49 | 42 | * | 0.01 | |
| | North Shields ... | 29.52 | 47 | ESE | 2 | om | 29.58 | +0.12 | 46 | 45 | -1 | S | 3 | om | 3 | d, o, om | 47 | 44 | * | - | |
| FRANCE. | Spurn Head ... | 29.50 | 45 | ESE | 4 | o | 29.61 | +0.17 | 45 | 44 | -1 | S | 1 | c | 2 | - | 47 | 44 | * | 0.03 | |
| | Yarmouth ... | 29.48 | 47 | ESE | 5 | om | 29.62 | +0.20 | 44 | 42 | -3 | ESE | 3 | bc | 4 | c, om | 48 | 42 | * | - | |
| | Loughborough ... | 29.50 | 47 | E | 1 | o | 29.63 | +0.22 | 45 | 45 | -1 | SE | 1 | of | * | gm, dpf | 47 | 45 | * | 0.02 | |
| | Oxford ... | 29.53 | 47 | E | 1 | o | 29.65 | +0.25 | 46 | 45 | -1 | W | 1 | o | * | op, o | 49 | 45 | * | 0.03 | |
| | London (Brixton) ... | 29.47 | 49 | E | 1 | ogm | 29.62 | +0.24 | 47 | 45 | 0 | ENE | 1 | omg | * | omg | 50 | 46 | 0.0 | 0.01 | |
| | The Scaw (Skagen) ... | 29.89 | 37 | SSW | 1 | o | 29.86 | -0.03 | 37 | 37 | -1 | S | 1 | c | 0 | - | 41 | 36 | * | - | |
| | Fanö ... | 29.81 | 32 | ESE | 5 | b | 29.84 | +0.06 | 30 | 30 | -6 | SE | 2 | o | * | - | 37 | 30 | * | - | |
| | Cuxhaven ... | 29.73 | 35 | ESE | 6 | o | 29.77 | +0.07 | 31 | 30 | -3 | ESE | 4 | c | * | - | 36 | 30 | * | - | |
| | The Helder ... | 29.57 | 35 | ESE | 2 | b | 29.65 | +0.16 | 28 | 27 | -9 | ESE | 1 | b | 1 | - | 39 | 28 | * | - | |
| | Brussels ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | |
| SPAN. PEN. | Berlin ... | 29.82 | 34 | ESE | 3 | o | 29.86 | +0.06 | 30 | ? | -3 | SE | 1 | o | * | - | 34 | 30 | * | - | |
| | Frankfurt ... | 29.63 | 36 | E | 3 | o | 29.71 | +0.15 | 32 | 30 | -5 | E | 2 | o | * | - | 39 | 30 | * | - | |
| | Munich ... | 29.60 | 27 | E | 4 | S | 29.71 | +0.15 | 27 | 27 | -2 | E | 3 | o | * | - | 30 | 25 | * | 0.04 | |
| | C. Gris Nez ... | 29.48 | 46 | E | 3 | o | 29.64 | +0.26 | 44 | 44 | 0 | E | 1 | m | 1 | - | 50 | 41 | * | - | |
| | Brest ... | 29.54 | 50 | NW | 4 | o | 29.73 | +0.15 | ? | 48 | ? | N | ? | ? | 3 | - | 55 | 46 | * | 0.20 | |
| | Lorient ... | 29.49 | 50 | W | 4 | f | 29.83 | +0.31 | 49 | 48 | -6 | NW | 4 | b | 5 | - | 55 | 46 | * | 0.20 | |
| | Rochefort ... | 29.63 | 53 | NNW | 7 | bc | 29.75 | +0.19 | 50 | 49 | -4 | N | 3 | b | * | bc | 54 | 43 | * | 0.20 | |
| | Biarritz ... | 29.82 | 54 | SW | 6 | f | 29.87 | +0.05 | 59 | 53 | +4 | NW | 4 | c | 5 | f, b, f | 59 | 50 | * | 1.02 | |
| | Paris ... | 29.47 | 46 | NNW | 1 | o | ? | ? | 45 | 45 | -2 | Z | 0 | f | * | - | 48 | 45 | * | 0.04 | |
| | Belfort ... | 29.45 | 40 | ENE | 4 | f | 29.63 | +0.20 | 41 | 40 | +2 | SSW | 5 | o | * | - | 41 | 39 | * | 0.95 | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

Errata:- The 8am bar reading at Biarritz in yesterday's report should read "29.82", and that at Haparanda "29.91".

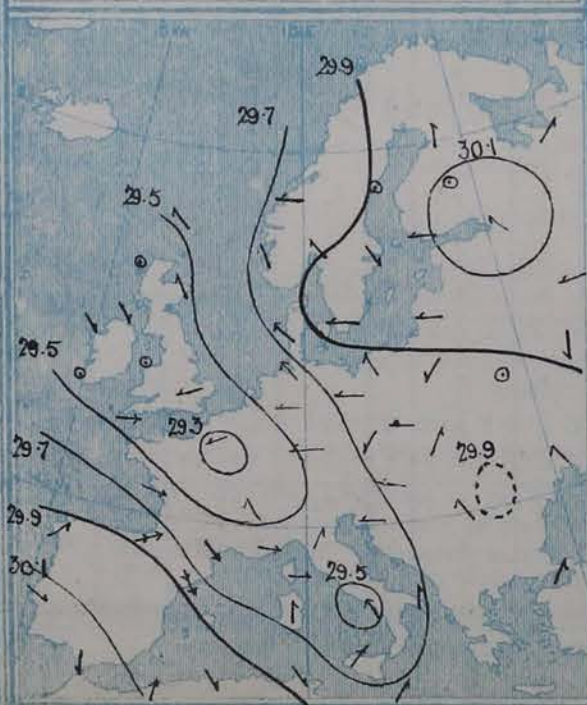
Thursday, 27th November, 1902.

This is a hand-drawn weather map of the North Atlantic and Europe. The map features several isobars (lines of equal pressure) and handwritten annotations indicating weather conditions and pressure trends.

- Pressure Systems:**
 - A **LOW** pressure system is located in the upper right, with a central value of 29.4 and a note "LOW".
 - A **HIGH** pressure system is located in the lower left, with a central value of 29.8 and a note "HIGH".
 - A **LOW** pressure system is located in the lower right, with a central value of 29.58 and a note "LOW".
- Isobars and Values:**
 - Isobars are labeled with values such as 29.4, 29.5, 29.6, 29.7, 29.8, and 29.9.
 - Specific pressure readings are marked with arrows pointing to locations, including 29.46, 29.54, 29.58, 29.59, 29.62, 29.64, 29.66, 29.71, 29.76, 29.80, 29.84, 29.86, 29.88, and 29.89.
- Weather Conditions and Trends:**
 - "Barometer falling briskly" is written near the top left, with a shaded area indicating a storm or low pressure.
 - "Barometer rising slightly" is written near the bottom center, with a shaded area indicating a high pressure system.
 - "falling somewhat" is written near the bottom right, with a shaded area indicating a low pressure system.
 - "rising" is written near the center, with a shaded area indicating a high pressure system.
- Other Annotations:**
 - The word "Barometer" is written vertically in several places.
 - Arrows indicate wind direction and speed, with some values like 29.4, 29.5, 29.6, 29.7, 29.8, and 29.9.
 - Shaded areas represent regions of low or high pressure.



Yesterday morning.



Map of the British Isles showing the distribution of the number of days with snow in January. The map is labeled with numbers representing the average number of snowy days for various locations. The numbers range from 41.7 to 49.8. The highest values are in the north and west, while the lowest values are in the south and east.

| Location (approximate) | Number of days with snow |
|--|--------------------------|
| North of Scotland | 42.3 |
| North of England | 42.1 |
| North of Wales | 41.7 |
| North of Ireland | 41.9 |
| North of Scotland (central) | 43.0 |
| North of England (central) | 43.9 |
| North of Wales (central) | 44.8 |
| North of Ireland (central) | 44.3 |
| North of Scotland (south) | 43.2 |
| North of England (south) | 44.8 |
| North of Wales (south) | 44.1 |
| North of Ireland (south) | 44.1 |
| North of Scotland (south-east) | 42.6 |
| North of England (south-east) | 42.8 |
| North of Wales (south-east) | 42.7 |
| North of Ireland (south-east) | 43.8 |
| North of Scotland (south-west) | 43.4 |
| North of England (south-west) | 44.2 |
| North of Wales (south-west) | 45.6 |
| North of Ireland (south-west) | 46.2 |
| North of Scotland (south-south-west) | 46.7 |
| North of England (south-south-west) | 48.5 |
| North of Wales (south-south-west) | 49.8 |
| North of Ireland (south-south-west) | 47.4 |
| North of Scotland (south-south-east) | 47.7 |
| North of England (south-south-east) | 46.9 |
| North of Wales (south-south-east) | 46.6 |
| North of Ireland (south-south-east) | 43.3 |
| North of Scotland (south-south-south-east) | 45.7 |

A map of the North Atlantic Ocean showing isotherms for 35°C, 39°C, 40°C, and 45°C. The map includes latitude and longitude markings and numerical values indicating temperature readings at various locations. The 35°C isotherm is located in the upper right, with values like 33.7 and 33.9. The 39°C isotherm is in the center, with values like 39.0, 39.8, 39.6, 39.5, 39.4, 39.3, 39.2, 39.1, 39.0, 38.9, 38.8, 38.7, 38.6, 38.5, 38.4, 38.3, 38.2, 38.1, 38.0, 37.9, 37.8, 37.7, 37.6, 37.5, 37.4, 37.3, 37.2, 37.1, 37.0, 36.9, 36.8, 36.7, 36.6, 36.5, 36.4, 36.3, 36.2, 36.1, 36.0, 35.9, 35.8, 35.7, 35.6, 35.5, 35.4, 35.3, 35.2, 35.1, 35.0, 34.9, 34.8, 34.7, 34.6, 34.5, 34.4, 34.3, 34.2, 34.1, 34.0, 33.9, 33.8, 33.7, 33.6, 33.5, 33.4, 33.3, 33.2, 33.1, 33.0, 32.9, 32.8, 32.7, 32.6, 32.5, 32.4, 32.3, 32.2, 32.1, 32.0, 31.9, 31.8, 31.7, 31.6, 31.5, 31.4, 31.3, 31.2, 31.1, 31.0, 30.9, 30.8, 30.7, 30.6, 30.5, 30.4, 30.3, 30.2, 30.1, 30.0, 29.9, 29.8, 29.7, 29.6, 29.5, 29.4, 29.3, 29.2, 29.1, 29.0, 28.9, 28.8, 28.7, 28.6, 28.5, 28.4, 28.3, 28.2, 28.1, 28.0, 27.9, 27.8, 27.7, 27.6, 27.5, 27.4, 27.3, 27.2, 27.1, 27.0, 26.9, 26.8, 26.7, 26.6, 26.5, 26.4, 26.3, 26.2, 26.1, 26.0, 25.9, 25.8, 25.7, 25.6, 25.5, 25.4, 25.3, 25.2, 25.1, 25.0, 24.9, 24.8, 24.7, 24.6, 24.5, 24.4, 24.3, 24.2, 24.1, 24.0, 23.9, 23.8, 23.7, 23.6, 23.5, 23.4, 23.3, 23.2, 23.1, 23.0, 22.9, 22.8, 22.7, 22.6, 22.5, 22.4, 22.3, 22.2, 22.1, 22.0, 21.9, 21.8, 21.7, 21.6, 21.5, 21.4, 21.3, 21.2, 21.1, 21.0, 20.9, 20.8, 20.7, 20.6, 20.5, 20.4, 20.3, 20.2, 20.1, 20.0, 19.9, 19.8, 19.7, 19.6, 19.5, 19.4, 19.3, 19.2, 19.1, 19.0, 18.9, 18.8, 18.7, 18.6, 18.5, 18.4, 18.3, 18.2, 18.1, 18.0, 17.9, 17.8, 17.7, 17.6, 17.5, 17.4, 17.3, 17.2, 17.1, 17.0, 16.9, 16.8, 16.7, 16.6, 16.5, 16.4, 16.3, 16.2, 16.1, 16.0, 15.9, 15.8, 15.7, 15.6, 15.5, 15.4, 15.3, 15.2, 15.1, 15.0, 14.9, 14.8, 14.7, 14.6, 14.5, 14.4, 14.3, 14.2, 14.1, 14.0, 13.9, 13.8, 13.7, 13.6, 13.5, 13.4, 13.3, 13.2, 13.1, 13.0, 12.9, 12.8, 12.7, 12.6, 12.5, 12.4, 12.3, 12.2, 12.1, 12.0, 11.9, 11.8, 11.7, 11.6, 11.5, 11.4, 11.3, 11.2, 11.1, 11.0, 10.9, 10.8, 10.7, 10.6, 10.5, 10.4, 10.3, 10.2, 10.1, 10.0, 9.9, 9.8, 9.7, 9.6, 9.5, 9.4, 9.3, 9.2, 9.1, 9.0, 8.9, 8.8, 8.7, 8.6, 8.5, 8.4, 8.3, 8.2, 8.1, 8.0, 7.9, 7.8, 7.7, 7.6, 7.5, 7.4, 7.3, 7.2, 7.1, 7.0, 6.9, 6.8, 6.7, 6.6, 6.5, 6.4, 6.3, 6.2, 6.1, 6.0, 5.9, 5.8, 5.7, 5.6, 5.5, 5.4, 5.3, 5.2, 5.1, 5.0, 4.9, 4.8, 4.7, 4.6, 4.5, 4.4, 4.3, 4.2, 4.1, 4.0, 3.9, 3.8, 3.7, 3.6, 3.5, 3.4, 3.3, 3.2, 3.1, 3.0, 2.9, 2.8, 2.7, 2.6, 2.5, 2.4, 2.3, 2.2, 2.1, 2.0, 1.9, 1.8, 1.7, 1.6, 1.5, 1.4, 1.3, 1.2, 1.1, 1.0, 0.9, 0.8, 0.7, 0.6, 0.5, 0.4, 0.3, 0.2, 0.1, 0.0, -0.1, -0.2, -0.3, -0.4, -0.5, -0.6, -0.7, -0.8, -0.9, -1.0, -1.1, -1.2, -1.3, -1.4, -1.5, -1.6, -1.7, -1.8, -1.9, -2.0, -2.1, -2.2, -2.3, -2.4, -2.5, -2.6, -2.7, -2.8, -2.9, -3.0, -3.1, -3.2, -3.3, -3.4, -3.5, -3.6, -3.7, -3.8, -3.9, -4.0, -4.1, -4.2, -4.3, -4.4, -4.5, -4.6, -4.7, -4.8, -4.9, -5.0, -5.1, -5.2, -5.3, -5.4, -5.5, -5.6, -5.7, -5.8, -5.9, -6.0, -6.1, -6.2, -6.3, -6.4, -6.5, -6.6, -6.7, -6.8, -6.9, -7.0, -7.1, -7.2, -7.3, -7.4, -7.5, -7.6, -7.7, -7.8, -7.9, -8.0, -8.1, -8.2, -8.3, -8.4, -8.5, -8.6, -8.7, -8.8, -8.9, -9.0, -9.1, -9.2, -9.3, -9.4, -9.5, -9.6, -9.7, -9.8, -9.9, -10.0, -10.1, -10.2, -10.3, -10.4, -10.5, -10.6, -10.7, -10.8, -10.9, -11.0, -11.1, -11.2, -11.3, -11.4, -11.5, -11.6, -11.7, -11.8, -11.9, -12.0, -12.1, -12.2, -12.3, -12.4, -12.5, -12.6, -12.7, -12.8, -12.9, -13.0, -13.1, -13.2, -13.3, -13.4, -13.5, -13.6, -13.7, -13.8, -13.9, -14.0, -14.1, -14.2, -14.3, -14.4, -14.5, -14.6, -14.7, -14.8, -14.9, -15.0, -15.1, -15.2, -15.3, -15.4, -15.5, -15.6, -15.7, -15.8, -15.9, -16.0, -16.1, -16.2, -16.3, -16.4, -16.5, -16.6, -16.7, -16.8, -16.9, -17.0, -17.1, -17.2, -17.3, -17.4, -17.5, -17.6, -17.7, -17.8, -17.9, -18.0, -18.1, -18.2, -18.3, -18.4, -18.5, -18.6, -18.7, -18.8, -18.9, -19.0, -19.1, -19.2, -19.3, -19.4, -19.5, -19.6, -19.7, -19.8, -19.9, -20.0, -20.1, -20.2, -20.3, -20.4, -20.5, -20.6, -20.7, -20.8, -20.9, -21.0, -21.1, -21.2, -21.3, -21.4, -21.5, -21.6, -21.7, -21.8, -21.9, -22.0, -22.1, -22.2, -22.3, -22.4, -22.5, -22.6, -22.7, -22.8, -22.9, -23.0, -23.1, -23.2, -23.3, -23.4, -23.5, -23.6, -23.7, -23.8, -23.9, -24.0, -24.1, -24.2, -24.3, -24.4, -24.5, -24.6, -24.7, -24.8, -24.9, -25.0, -25.1, -25.2, -25.3, -25.4, -25.5, -25.6, -25.7, -25.8, -25.9, -26.0, -26.1, -26.2, -26.3, -26.4, -26.5, -26.6, -26.7, -26.8, -26.9, -27.0, -27.1, -27.2, -27.3, -27.4, -27.5, -27.6, -27.7, -27.8, -27.9, -28.0, -28.1, -28.2, -28.3, -28.4, -28.5, -28.6, -28.7, -28.8, -28.9, -29.0, -29.1, -29.2

GENERAL SITUATION AT 8 A.M.

PRESSURE

This morning the barometer is highest over Denmark, the Baltic and North Germany, lowest in the west of Ireland; the reading range from 29.88 in. at Wisby and 29.86 in. at Berlin to 29.35 in. at Blackrod Point. The gradients are very slight over France and England, but are steeper, and increasing, over Ireland, where the barometer is falling fast.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light and anticyclonic over Germany, the Baltic and Scandinavia, but is S^W. in Ireland, moderate to strong in force, and increasing. Temperature is rising again in the west and is high generally in our Islands, but low in Germany. Scilly is 23° warmer than the Helder and 26° warmer than Haparanda. The weather is either fair or foggy over Great Britain and the countries lying to the eastward of the North Sea; in the west of Ireland it has become gloomy and misty and the sea is becoming rough again off our western coasts. Ireland has been warned for probable S^W. gales.

During yesterday the maximum temperatures exceeded 50° at most of our western stations, and touched 55° at Scilly. Rain fell generally over France and the United Kingdom (1.02 in. at Biarritz and 0.95 in. at Lyons). A thunderstorm occurred at Biarritz. Bright sunshine was scarce over England and Scotland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The S^W. winds in the far west are likely to spread eastwards and blow hard at most western stations, with rain, but the eastern parts of Great Britain do not seem to be menaced yet.

FORECASTS *

For the 24 hours ending at NOON on 28th. November, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

S^W. winds, increasing in strength; fair to rainy and squally.

Calms and light airs, shifting to the S^W. later and freshening, with some rain.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as No. 0.

S^W. winds, increasing greatly, with squally rainy weather.

WARNINGS

At 9.55 a.m. to-day to districts 9 and 10, 'Hoist South Cone'.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W. Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E. Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | | | |
|--------------------------------|------------------|------------|-------|----------|---------------------|---------|--------------|------|---------|-------|----------|----------------|----------|-------------|-----------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. | | Temperature. | | | Wind. | Weather. | Sea. | Weather. | Temperature | | Sun- shine. Hrs. | Rainfall Ins. |
| | | | | | Ins. | Change. | Dry. | Wet. | Change. | | | | | Max. ° | Min. ° | | |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | bcw | * | o | 48 | 41 | 0.0 | - |
| Newton Reigny (Penrith) | 29.50 | 45 | ZO | o | 29.57 | +18 | 44 | 44 | -1 | ESE 1 | o | * | omd | 46 | 43 | 0.0 | 0.01 |
| Bath | 29.48 | 47 | SW 1 | o | 29.64 | +26 | 46 | 46 | -2 | NW 1 | c | * | - | 50 | 45 | 0.0 | - |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 47 | 44 | m. of | 0.0 | 0.06 | Worthing | * | * | * | 0.0 | * |
| Birmingham, 9 p.m. ... | 48 | 46 | o | 0.0 | 0.07 | Llandudno | * | * | * | 0.0 | * |
| Lowestoft, up to 6 p.m. ... | 47 | 45 | o | 0.1 | - | Rhyl | * | * | * | 0.5 | * |
| Hastings | * | * | * | 0.0 | * | Southport, 9 p.m. ... | 48 | 46 | o | 0.0 | - |
| Eastbourne | * | * | * | 0.0 | * | Manchester, 9 p.m. ... | 53 | 46 | odm | 0.0 | 0.05 |
| Brighton | * | * | * | 0.0 | * | Darwen, 9 p.m. ... | 46 | 43 | o | 0.0 | 0.02 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|------------------------------------|-----------------|------|----------|-------|--------------------|-----------------|------|----------|-----------------|
| | Max. | Min. | | | | Max. | Min. | | |
| 26. XI. 02 | | | | | | | | | |
| Madeira (Funchal) <i>hot. rec.</i> | | | | Ins. | Algiers | 73 | 55 | o c | Ins. |
| Madrid ... <i>hot. rec.</i> | | | | | Tunis | 64 | 50 | c c | - |
| Corsica (I. Sanguinaires) ... | 55 | 43 | r m | 1.11 | Vienna | 27 | 23 | m m | - |
| Rome | 50 | 41 | r o | - | St. Petersburg ... | ? | ? | b b | - |
| Florence | 48 | 37 | r o | 0.87 | 1 p.m. | | | | Measured 7 a.m. |
| Trieste | 28 | 10 | r r | 0.39 | 25. XI. 02 | | | | |
| Naples | 55 | 45 | o o | 1.15 | Lugano | 39 | - | o | - |
| Palermo | 64 | 53 | c m | - | Davos | 37 | - | bc | - |
| Malta | 65 | 58 | l c | - | Lucerne | 41 | - | o | 0.08 |
| | | | | | Lausanne | 41 | - | r | - |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) ... | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) ... | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| | 27. XI. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|---------------|-------------------|----------------|------------------|
| | | h. m. | h. m. | h. m. |
| Yarmouth | | 7.36 | 11.41 | 3.45 |
| Greenwich | | 7.39 | 11.48 | 3.56 |
| Wick | | 8.30 | 12.0 | 3.29 |
| Valencia | | 8.22 | 12.29 | 4.35 |

SUBSCRIPTIONS both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Friday 28th November 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | |
|----------------------|------------------------|--|--------------|--------|---------------------------|-------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------------|----------|------------------|-----------|----------------|------|-------------------------|-------------------|------|------|---|---|---|---|---|---|---|---|---|
| | | BAROM. | | TEMP. | | WIND. | BAROMETER. | | TEMPERATURE. | | | | WIND. | | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine. Hours | Rainfall. Ins. | | | | | | | | | | | |
| | | At 82° and M.S.L. | Dry Bulb. | Direc. | Force (0 to 12.) | | At 82° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | Weather. | | | Max. | Min. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | Ins. | Ins. | ° | ° | ° | ° | | | | | |
| | | | | | | | | | | | | | | | | | | | | Ins. | Ins. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| SCANDINAVIA. | Haparanda ... | 29.52 | 15 | N | 4 | 0 | 29.71 | +33 | 5 | 4 | -20 | N | 2 | b | * | - | 27 | ? | * | - | | | | | | | | | | | |
| | Hernösand ... | 29.63 | 21 | Z | 0 | b | 29.78 | +18 | 18 | 17 | -13 | N | 2 | b | * | - | 32 | 18 | * | - | | | | | | | | | | | |
| | Stockholm ... | 29.66 | 33 | WSW | 2 | 0 | 29.63 | -20 | 33 | 32 | +4 | N | 2 | 0 | * | - | 34 | 28 | * | 0.12 | | | | | | | | | | | |
| | Wisby ... | 29.82 | 35 | W | 4 | + | 29.68 | -20 | 34 | 33 | +1 | W | 4 | s | * | - | 37 | 27 | * | - | | | | | | | | | | | |
| | Karlstad... | 29.69 | 35 | SW | 2 | 0 | 29.67 | -15 | 32 | 31 | 0 | SW | 2 | s | * | 0.5 | * | * | 0.04 | | | | | | | | | | | | |
| | Færder (X'ania Fjord) | 29.69 | 37 | W | 5 | b | 29.67 | -14 | 32 | 31 | -5 | N | 4 | 0 | 2 | - | 37 | 30 | * | - | | | | | | | | | | | |
| | Bodö ... | 29.65 | 31 | E | 2 | bc | 29.88 | +40 | 20 | 17 | -15 | E | 4 | b | 1 | - | 36 | 19 | * | - | | | | | | | | | | | |
| | Christiansund ... | 29.64 | 37 | W | 5 | + | 29.69 | +07 | 33 | 31 | -9 | ESE | 3 | b | 4 | - | 43 | 32 | * | 0.24 | | | | | | | | | | | |
| | Skudesnaes ... | 29.71 | 41 | SSE | 6 | 0 | 29.62 | -14 | 39 | 37 | -1 | SE | 2 | c | 2 | 0 | 41 | 39 | * | * | | | | | | | | | | | |
| BRITISH ISLANDS. | Sumburgh Head | 29.45 | 47 | SE | 3 | 0 | 29.37 | -12 | 45 | 43 | -2 | SE | 4 | 0 | 6 | 0 | 48 | 45 | * | - | | | | | | | | | | | |
| | Stornoway ... | 29.28 | 48 | S | 5 | c | 28.99 | -47 | 50 | 47 | +9 | SE | 5 | 0 | 5 | c | 50 | 38 | 28 | 0.02 | | | | | | | | | | | |
| | Malin Head ... | 29.15 | 46 | S | 7 | cqu | 29.00 | -43 | 45 | 43 | +3 | SW | 2 | c | 2 | 0, cqu | 48 | 42 | * | 0.03 | | | | | | | | | | | |
| | Blacksod Pt. ... | 28.96 | 52 | SE | 7 | tm | 29.01 | -34 | 46 | 42 | -5 | SSW | 4 | bcp | 4 | c, tm | 52 | 45 | * | 0.74 | | | | | | | | | | | |
| | Valencia... | 28.92 | 54 | S | 7 | tmg | 29.09 | -34 | 43 | 40 | -6 | SSW | 1 | bc | 4 | 0p, tmg | 55 | 42 | 0.0 | 0.69 | | | | | | | | | | | |
| | Roche's Point ... | 29.12 | 53 | S | 8 | ot | 29.11 | -42 | 44 | 42 | -6 | W | 3 | bc | 2 | 0, ot | 53 | 43 | * | 0.23 | | | | | | | | | | | |
| | Parsonstown ... | 29.11 | 50 | SE | 8 | + | 29.08 | -43 | 40 | 39 | +2 | SE | 1 | c | * | 0, t | 53 | 37 | 0.0 | 0.13 | | | | | | | | | | | |
| | Donaghadee ... | 29.34 | 49 | SSW | 4 | 0 | 29.02 | -52 | 48 | 48 | +11 | SW | 2 | tg | 2 | - | 54 | 37 | * | 0.49 | | | | | | | | | | | |
| | Liverpool Obsy. | 29.48 | 43 | S | 2 | g | 29.07 | -53 | 47 | 46 | +2 | SE | 5 | + | ? | m, o, p | 48 | 43 | * | 0.03 | | | | | | | | | | | |
| Holyhead ... | 29.39 | 47 | S | 7 | ogu | 29.04 | -55 | 48 | 48 | +5 | S | 3 | tg | 2 | bc, m, q | 49 | 43 | * | 0.21 | | | | | | | | | | | | |
| Pembroke (St. Ann's) | 29.38 | 49 | SSW | 5 | 0 | 29.05 | -58 | 49 | 47 | +1 | NW | 6 | ogp, m | 5 | 0, q, p, m | 53 | 46 | ? | 0.61 | | | | | | | | | | | | |
| GERMANY, &c. | Scilly (St. Mary's)... | 29.37 | 51 | S | 7 | ct | 29.11 | -53 | 50 | 49 | -1 | WNW | 6 | c | 5 | 0, ct | 53 | 47 | 0.3 | 0.37 | | | | | | | | | | | |
| | Jersey (St. Aubins)... | 29.66 | 50 | SW | 3 | cg | 29.27 | -41 | 48 | 47 | 0 | SW | 6 | op | 5 | bc, cg, m | 55 | 47 | 5.0 | 0.14 | | | | | | | | | | | |
| | Portland Bill ... | 29.61 | 50 | SW | 3 | c | 29.09 | -55 | 51 | 50 | +2 | S | 9 | tg | 7 | bc, c, q | 53 | 47 | * | 0.15 | | | | | | | | | | | |
| | Dungeness ... | 29.63 | 48 | Z | 0 | m | 29.41 | -21 | 49 | 48 | +4 | S | 7 | ou | 4 | m | 51 | 44 | * | - | | | | | | | | | | | |
| | Wick ... | 29.40 | 47 | S | 5 | c | 29.23 | -28 | 48 | 46 | +3 | S | 7 | c | 4 | - | 48 | 44 | * | 0.01 | | | | | | | | | | | |
| | Nairn ... | 29.36 | 41 | Z | 0 | b | 29.12 | -37 | 48 | 45 | +6 | SE | 4 | c | 2 | - | 48 | 37 | * | - | | | | | | | | | | | |
| | Aberdeen ... | 29.44 | 47 | SSE | 3 | og | 29.24 | -30 | 47 | 45 | +1 | SE | 5 | ogq | 5 | og | 48 | 45 | 0.1 | - | | | | | | | | | | | |
| | Leith ... | 29.44 | 46 | SE | 1 | bc | 29.14 | -40 | 46 | 44 | +1 | SE | 2 | 0 | * | - | 49 | 41 | * | - | | | | | | | | | | | |
| | North Shields ... | 29.48 | 45 | SSW | 2 | c | 29.22 | -36 | 46 | 45 | 0 | SSE | 3 | om | 3 | om, c | 47 | 43 | * | - | | | | | | | | | | | |
| FRANCE. | Spurn Head ... | 29.55 | 44 | S | 3 | 0 | 29.28 | -33 | 46 | 45 | +1 | SE | 5 | c | 3 | - | 47 | 42 | * | - | | | | | | | | | | | |
| | Yarmouth ... | 29.61 | 45 | SE | 2 | b | 29.41 | -21 | 47 | 45 | +3 | S | 4 | cu | 4 | b | 47 | 40 | * | - | | | | | | | | | | | |
| | Loughborough ... | 29.57 | 46 | SSE | 3 | 0 | 29.23 | -40 | 47 | 46 | +2 | SSE | 4 | ogt | * | om, q, t | 47 | 42 | * | 0.06 | | | | | | | | | | | |
| | Oxford ... | 29.57 | 44 | SSE | 1 | 0 | 29.22 | -43 | 48 | 47 | +2 | SE | 3 | + | * | 0 | 49 | 43 | * | 0.04 | | | | | | | | | | | |
| | London (Brixton) | 29.60 | 46 | SE | 1 | bc | 29.30 | -32 | 49 | 46 | +2 | SE | 5 | og | * | fg, og, b | 49 | 43 | 0.0 | - | | | | | | | | | | | |
| | The Scaw (Skagen) | 29.80 | 33 | W | 3 | 0 | 29.69 | -17 | 32 | 32 | -5 | SW | 3 | m | 1 | - | 39 | 32 | * | - | | | | | | | | | | | |
| | Fanö ... | 29.78 | 30 | SE | 2 | 0 | 29.65 | -19 | 28 | 28 | -2 | SE | 2 | m | * | - | 36 | 28 | * | - | | | | | | | | | | | |
| | Cuxhaven ... | 29.74 | 36 | SE | 3 | 0 | 29.63 | -14 | 30 | 29 | -1 | S | 1 | 0 | * | - | 36 | 27 | * | - | | | | | | | | | | | |
| | The Helder ... | 29.63 | 32 | SE | 1 | b | 29.52 | -13 | 36 | 36 | +8 | SSE | 1 | f | 0 | - | 36 | 28 | * | - | | | | | | | | | | | |
| SPAN. PEN. | Brussels... | * | * | * | * | * | 29.59 | -09 | 44 | 43 | +5 | S | 3 | 0 | * | - | 44 | 39 | * | 0.04 | | | | | | | | | | | |
| | Berlin ... | 29.84 | 28 | SE | 2 | b | 29.75 | -11 | 24 | 24 | -8 | SE | 1 | s | * | - | 34 | 19 | * | - | | | | | | | | | | | |
| | Frankfurt ... | 29.79 | 35 | E | 2 | 0 | 29.74 | +03 | 36 | 36 | +4 | Z | 0 | f | * | - | 36 | 32 | * | 0.04 | | | | | | | | | | | |
| | Munich ... | 29.80 | 32 | SE | 1 | f | 29.78 | +07 | 35 | 35 | +8 | ? | 2 | c | * | - | 36 | 27 | * | - | | | | | | | | | | | |
| | C. Gris Nez ... | 29.67 | 45 | S | 2 | m | 29.46 | -18 | 45 | 44 | +1 | S | 5 | 0 | 5 | - | 50 | 43 | * | - | | | | | | | | | | | |
| | Brest ... | 29.60 | 52 | S | 4 | 0 | 29.27 | -46 | 50 | 48 | 0 | WNW | 5 | c | 5 | - | 54 | 48 | * | 0.43 | | | | | | | | | | | |
| | Lorient ... | * | * | * | * | * | 2 | * | * | * | * | * | * | * | * | * | - | * | * | * | * | | | | | | | | | | |
| | Rochefort ... | 29.79 | 50 | WSW | 3 | c | 29.54 | -21 | 48 | 47 | -2 | S | 5 | 0 | * | c | 54 | 45 | * | - | | | | | | | | | | | |
| | Biarritz ... | 29.90 | 52 | WSW | 2 | 0 | 29.63 | -24 | 58 | 51 | -1 | S | 5 | c | 3 | - | 59 | 43 | * | 0.08 | | | | | | | | | | | |
| SPAN. PEN. | Paris ... | 29.73 | 47 | SW | 3 | 0 | 29.69 | -03 | 42 | 41 | -3 | S | 3 | c | * | - | 48 | 42 | * | 0.04 | | | | | | | | | | | |
| | Belfort ... | 29.75 | 42 | WSW | 4 | f | 29.71 | +08 | 40 | 40 | -1 | Z | 0 | 0 | * | - | 44 | 40 | * | 0.08 | | | | | | | | | | | |
| | Lyons ... | 29.80 | 44 | N | 1 | 0 | 29.79 | +06 | 34 | 34 | -4 | SW | 1 | f | * | - | 48 | 31 | * | - | | | | | | | | | | | |
| | Nice ... | 29.69 | 48 | Z | 0 | bc | 29.81 | -25 | 42 | 40 | -4 | E | 1 | b | 3 | - | 57 | 39 | * | - | | | | | | | | | | | |
| | Perpignan ... | 29.83 | 52 | NW | 4 | bc | 29.73 | +03 | 38 | 38 | -14 | Z | 0 | 0 | * | - | 58 | 37 | * | - | | | | | | | | | | | |
| | Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | * | * | * | * | | | | | | | | | | |
| Lisbon ... | 29.97 | 58 | SW | 4 | b | 29.80 | -28 | 59 | 58 | +3 | SW | 5 | 0 | * | - | 61 | 56 | * | 0.16 | | | | | | | | | | | | |
| Azores (P. Delgada) | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | * | * | * | * | | | | | | | | | | | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR

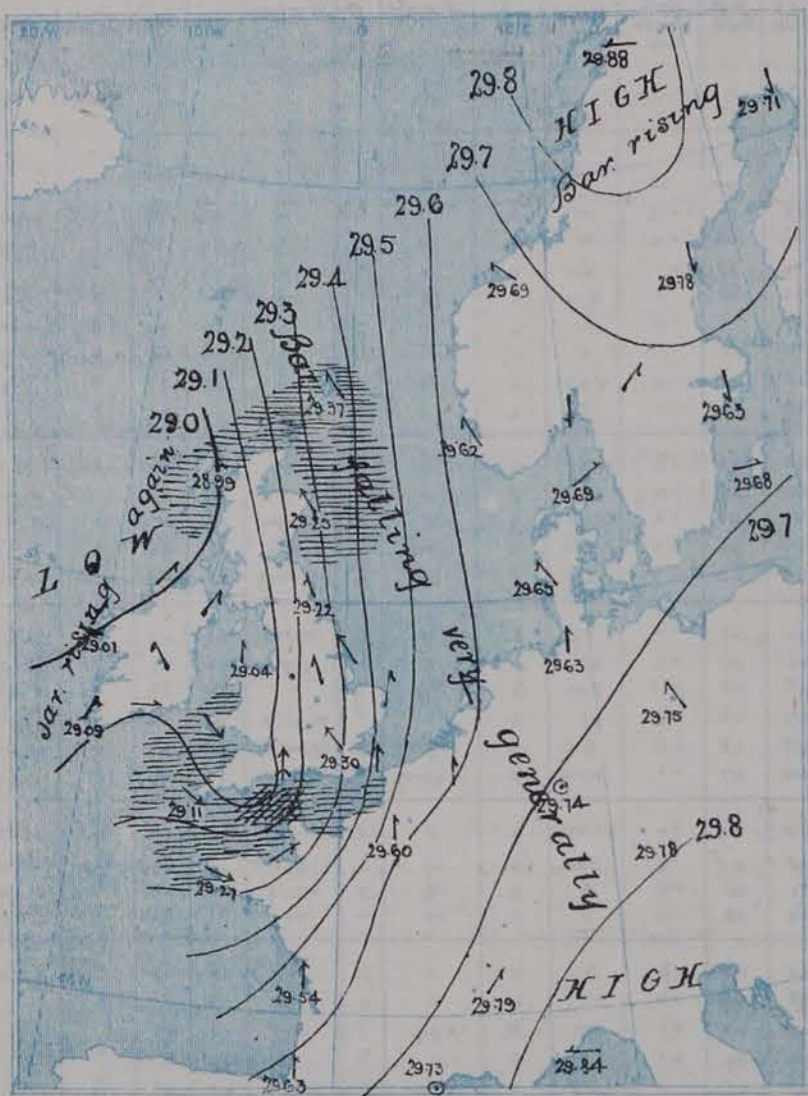
Friday, 28th November, 1902.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → Force 1 to 4 → } Calm ☉
Force 8 to 10 → Force 1 to 4 → }
Rain ☂ High ☀



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE at 8 A.M. for the Two monthly period NOVEMBER-DECEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Pressure is now highest over Germany and the south-east of France, and is rather high in another small area over the north of Norway and the west of Lapland; it is lowest to the northward of our Islands, where there is a depression moving north-eastwards, but there is a deep secondary system over the Bristol Channel, and also moving north-eastwards. Readings vary from 29.81 ins. at Nice and 29.88 ins. at Bodø, to 28.99 ins. at Stornoway and 29.05 ins. at Pembroke.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is S^W over France and the major part of England, S.E.^W in the east of Scotland; in force it is moderate to a gale. On some of our south-western coasts it is N.W.^W and strong, but in the extreme west it has backed to the S^d again. Temperature is very unsteady - higher over England than it was yesterday, but lower in Ireland. It has gone down fast at Berlin and in the north of Sweden. It is 51° at Portland Bill, 43° at Valencia, 42° at Paris, 24° at Berlin and 18° at Hernösand. The weather is extremely changeable; at present it is rainy and squally in several parts of Great Britain, but temporarily fine over several parts of Ireland; fog prevails at Frankfurt and snow at Berlin. The sea is high in the Channel and rough almost everywhere.

Rain has fallen in considerable quantity at our western stations and in many parts of France. Bright sunshine amounted to 5 hours or more at Lowestoft, Rhyl and Jersey, but the amount was small, or nil, in most places.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very unsettled rough weather is still probable generally. The depression near South Wales will probably reach the North Sea to-day, but new disturbances are likely to arrive from the westward.

FORECASTS *

For the 24 hours ending at NOON on 29th November, 1902

| DISTRICTS. | | FORECASTS. | DISTRICTS. | | FORECASTS. | |
|------------|------------------|---|------------|---------------|---|---|
| 0 | SCOTLAND NORTH | { S.E ^W winds, strong, a gale in places; rainy, unsettled. | 5 | SCOTLAND WEST | { Wind probably backing to S ^d . again and increasing in force, with rain. Very unsettled. | |
| 1 | SCOTLAND EAST | | 7 | ENGLAND N.W. | | |
| 2 | ENGLAND N.E. | { S ^W and variable winds of varying force; changeable. Rainy. | 8 | ENGLAND S.W. | | |
| 3 | ENGLAND EAST | Same as No. 5. | 9 | IRELAND NORTH | | |
| 4 | MIDLAND COUNTIES | Same as No. 2. | 10 | IRELAND SOUTH | | |
| 5 | ENGLAND SOUTH | { S ^W gales and rain, followed by moderate N.W ^W winds, and afterwards by S.W ^W winds. Rainy, very changeable. | WARNINGS | | | { At 3 p.m. yesterday to districts 6, 7, 8 and part of 0, and at 7.15 p.m. to 1 to 3, 5 and the remainder of 0, "Hoist South Cone". The signals are now flying on all coasts. |

Note.—The South Cone, point downwards ($\overline{\pi}$), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards ($\overline{\pi}$), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | |
|--------------------------------|------------------|------------|-------|----------|----------------------------|-----------------------------------|----|----|-------|----------|------|----------------|---------------------------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. Ins. Change. | Temperature. Dry. Wet. Change. | | | Wind. | Weather. | Sea. | Weather. | Temperature. Max. Min. | Sun- shine. Hrs. | Rainfall Ins. |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | 0 | * | c | 47 41 | 2.0 | - |
| Newton Reigny (Penrith) | 29.45 | 43 | ESE 2 | † | 29.14 | - .43 | 43 | 43 | -1 | ESE 4 | †m | ogm | 47 42 | 0.5 | 0.25 |
| Bath | 29.58 | 45 | E 1 | 0 | 29.13 | - .51 | 51 | 49 | +5 | SE 3 | † | - | 51 43 | 1.8 | 0.29 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 45 | 43 | m, 0 | 0.0 | 0.03 | Worthing | * | * | * | 0.0 | * |
| Birmingham, 9 p.m. ... | 47 | 42 | 3 | 0.0 | - | Llandudno | * | * | * | 4.5 | * |
| Lowestoft, up to 6 p.m. ... | 49 | 39 | † | 5.0 | - | Rhyl | * | * | * | 5.5 | * |
| Hastings | * | * | * | 0.0 | * | Southport, 9 p.m. ... | 50 | 44 | bw | 1.8 | - |
| Eastbourne | * | * | * | 0.0 | * | Manchester, 9 p.m. ... | 51 | 46 | bc | 0.1 | - |
| Brighton | * | * | * | 0.0 | * | Darwen, 9 p.m. ... | 45 | 41 | om | 0.0 | 0.01 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-----------------------------------|-----------------|-----------|----------|-------|-----------------------|-----------------|-----------|----------|--------------------|
| | Max. ° | Min. ° | | | | Max. ° | Min. ° | | |
| 27. XI. 02 | | | | | | | | | |
| Madeira (Funchal) <i>not recd</i> | | | | Ins. | Algiers | 66 | 55 | c 0 | - |
| Madrid | | | | - | Tunis | 63 | 48 | c 0 | - |
| Corsica (I. Sanguinaires) ... | 57 | 41 | 0 m | - | Vienna | 28 | 21 | s c | - |
| Rome | 57 | 46 | 0 0 | - | St. Petersburg ... | 10 | 1 | b b | - |
| Florence | 49 | 40 | 0 0 | 0.08 | 1 p.m. | | | 3 p.m. | Measured 7 a.m. |
| Trieste | 46 | 36 | 2 0 | 0.20 | Lugano ... 26. XI. 02 | 39 | - | bc | 0.24 |
| Naples | 57 | 50 | 0 b | 0.79 | Davos | 36 | - | 0 | - |
| Palermo | 65 | 54 | 0 m | - | Lucerne | 41 | - | r | 0.04 |
| Malta | 66 | 58 | ? 0 | - | Lausanne | 43 | - | r | 0.32 |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 28. XI. 1903. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| Yarmouth | h. m. 7. 38 | h. m. 11. 41 | h. m. 3. 44 |
| Greenwich | 7. 41 | 11. 48 | 3. 55 |
| Wick | 8. 33 | 12. 0 | 3. 27 |
| Valencia | 8. 24 | 12. 29 | 4. 34 |

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Saturday 29th November 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|------------------|-------------------------|--|--------------|--------|---------------------|-------|---|---------------------------------|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|----------|------------------|----------------|-------|------|-------------------------|-------------------|
| | | BAROM. | | TEMP. | | WIND. | Weather. | BAROMETER. | | TEMPERATURE. | | | WIND. | | Weather. | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine. Hours | Rainfall. Ins. |
| | | At 32° and M.S.L. | Dry Bulb. | Direc. | Force (0 to 12.) | | | At 32° Fahr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | | | | Max. | Min. | | |
| | | | | | | | | | | | | | | | | | | | | | |
| SCANDINAVIA. | Haparanda ... | 29.88 | 10 | N | 4 | b | 29.89 | +18 | 3 | 3 | -2 | NW | 2 | b | * | - | 18 | 3 | * | - | |
| | Hernösand ... | 29.91 | 19 | N | 2 | o | 29.97 | +19 | 16 | 15 | -2 | N | 4 | bc | * | - | 27 | 16 | * | - | |
| | Stockholm ... | 29.67 | 23 | N | 4 | o | 29.78 | +15 | 23 | 22 | -10 | NW | 4 | s | * | - | 34 | 21 | * | - | |
| | Wisby ... | 29.68 | 31 | NW | 4 | s | 29.70 | +02 | 30 | 29 | -4 | N | 6 | s | * | - | 37 | 25 | * | - | |
| | Karlstad ... | 29.87 | 27 | ENE | 2 | b | 29.94 | +27 | 16 | 15 | -16 | NNE | 2 | b | * | - | * | 2 | * | - | |
| | Færder (X'lania Fjord) | 29.80 | 33 | NE | 4 | o | 29.95 | +28 | 22 | 20 | -10 | NNE | 4 | b | 2 | - | 34 | 19 | * | - | |
| | Bodö ... | 30.03 | 19 | E | 2 | b | 30.08 | +20 | 17 | 15 | -3 | E | 2 | b | 1 | - | 19 | 16 | * | - | |
| | Christiansund ... | 29.78 | 31 | ESE | 4 | b | 29.83 | +14 | 30 | 27 | -3 | ESE | 3 | b | 3 | - | 34 | 28 | * | - | |
| | Skudesnaes ... | 29.65 | 35 | Z | 0 | b | 29.80 | +18 | 33 | 29 | -6 | ESE | 4 | b | 2 | m, b | 41 | 32 | * | * | |
| | Sumburgh Head ... | 29.37 | 45 | SE | 5 | o | 29.56 | +19 | 41 | 39 | -4 | SE | 6 | o | 7 | o | 46 | 40 | * | 0.01 | |
| BRITISH ISLANDS. | Stornoway ... | 29.10 | 47 | Z | 0 | otm | 29.16 | +17 | 48 | 46 | -2 | ESE | 6 | c | b | +otm | 51 | 40 | 0.0 | 0.22 | |
| | Malin Head ... | 29.05 | 45 | W | 3 | o | 29.21 | +21 | 39 | 37 | -6 | S | 2 | b | 2 | o | 45 | 37 | * | - | |
| | Blacksod Pt. ... | 29.05 | 44 | SW | 3 | b | 29.17 | +16 | 41 | 40 | -5 | ESE | 3 | b | 2 | hp, b | 49 | 39 | * | 0.09 | |
| | Valencia ... | 29.10 | 43 | SSE | 1 | cp | 29.14 | +05 | 34 | 34 | -9 | ENE | 1 | b | 4 | cp | 49 | 34 | 2.1 | 0.14 | |
| | Roche's Point ... | 29.14 | 46 | WSW | 2 | b | 29.14 | +03 | 42 | 41 | -2 | NW | 2 | b | 2 | p, b, p | 50 | 39 | o | 0.13 | |
| | Parsonstown ... | 29.12 | 39 | SE | 1 | b | 29.16 | +08 | 35 | 34 | -5 | SE | 1 | ot | * | b | 46 | 30 | 3.9 | 0.05 | |
| | Donaghadee ... | 29.10 | 44 | SSW | 2 | o | 29.23 | +21 | 46 | 45 | -2 | S | 3 | cp | 3 | - | 50 | 34 | * | 0.11 | |
| | Liverpool Obsy. ... | 29.15 | 44 | W | 4 | omr | 29.27 | +20 | 40 | 40 | -7 | SE | 2 | o | ? | omr | 49 | 36 | * | 0.50 | |
| | Holyhead ... | 29.13 | 45 | WNW | 3 | b | 29.21 | +17 | 42 | 42 | -6 | ESE | 3 | cp | 2 | +o, b | 48 | 40 | * | 0.43 | |
| | Pembroke (St. Ann's) | 29.19 | 47 | SW | 5 | c | 29.18 | +13 | 48 | 44 | -1 | SSW | 5 | cv | 5 | c, b | 50 | 43 | 2.1 | 0.25 | |
| GERMANY, &c. | Scilly (St. Mary's) ... | 29.29 | 47 | SSW | 3 | cp | 29.18 | +07 | 48 | 46 | -2 | SSW | 3 | c | 5 | c, cp | 52 | 45 | 5.5 | 0.12 | |
| | Jersey (St. Aubins) ... | 29.40 | 49 | WSW | 6 | bc | 29.33 | +06 | 48 | 46 | 0 | SE | 6 | cgu | 5 | cgu, bc, p | 53 | 47 | 4.4 | 0.09 | |
| | Portland Bill ... | 29.30 | 49 | W | 5 | cg | 29.29 | +20 | 48 | 45 | -3 | SSE | 2 | + | 4 | cg | 51 | 45 | * | 0.35 | |
| | Dungeness ... | 29.33 | 50 | WSW | 6 | cg | 29.42 | +01 | 48 | 43 | -1 | S | 5 | c | 4 | o, cg | 51 | 44 | * | 0.22 | |
| | Wick ... | 29.26 | 47 | SE | 7 | c | 29.42 | +19 | 48 | 46 | 0 | SE | 7 | c | 6 | - | 52 | 39 | * | - | |
| | Nairn ... | 29.12 | 49 | SE | 2 | o | 29.43 | +31 | 42 | 40 | -6 | Z | 0 | bc | 1 | - | 49 | 40 | * | - | |
| | Aberdeen ... | 29.20 | 47 | ESE | 7 | ogq | 29.39 | +15 | 45 | 43 | -2 | S | 2 | bc | 6 | o, ogq, r | 48 | 44 | 0.0 | 0.09 | |
| | Leith ... | 29.05 | 48 | SE | 2 | + | 29.37 | +23 | 39 | 38 | -7 | SE | 1 | b | * | - | 48 | 37 | * | 0.15 | |
| | North Shields ... | 29.03 | 47 | ESE | 5 | + | 29.38 | +16 | 38 | 37 | -8 | SSW | 1 | m | 3 | + | 47 | 36 | * | 0.26 | |
| | Spurn Head ... | 29.18 | 46 | S | 5 | o | 29.38 | +10 | 44 | 43 | -2 | SE | 3 | bc | 2 | - | 47 | 39 | * | 0.05 | |
| FRANCE. | Yarmouth ... | 29.25 | 47 | S | 4 | c | 29.44 | +03 | 46 | 45 | -1 | SSE | 3 | bc | 3 | r, c | 47 | 39 | * | 0.04 | |
| | Loughborough ... | 29.21 | 44 | SW | 4 | o | 29.34 | +11 | 46 | 45 | -1 | ESE | 2 | ogms | * | op, b, ot | 48 | 35 | * | 0.22 | |
| | Oxford ... | 29.34 | 40 | SW | 2 | b | 29.33 | +11 | 45 | 44 | -3 | S | 2 | + | * | o, b | 49 | 39 | * | 0.73 | |
| | London (Brixton) ... | 29.31 | 44 | W | 1 | b | 29.38 | +08 | 45 | 44 | -4 | SE | 2 | bc | * | ogt, c, b | 50 | 39 | 0.6 | 0.16 | |
| | The Scaw (Skagen) ... | 29.75 | 29 | E | 5 | bc | 29.85 | +16 | 29 | 28 | -3 | E | 5 | c | 1 | - | 36 | 19 | * | - | |
| | Fanö ... | 29.61 | 33 | E | 6 | o | 29.68 | +03 | 33 | 32 | +5 | ENE | 6 | + | * | - | 36 | 28 | * | - | |
| | Cuxhaven ... | 29.57 | 35 | S | 1 | f | 29.59 | -04 | 35 | 35 | +5 | ESE | 2 | f | 0 | - | 36 | 30 | * | 0.08 | |
| | The Helder ... | 29.38 | 41 | SSE | 1 | + | 29.52 | -00 | 33 | 33 | -3 | S | 1 | m | 2 | - | 43 | 33 | * | 0.08 | |
| | Brussels ... | * | * | * | * | * | 29.58 | -01 | 41 | 41 | -3 | SSE | 5 | o | * | - | 47 | 38 | * | - | |
| | Berlin ... | 29.66 | 35 | Z | 0 | o | 29.63 | -12 | 35 | 34 | +11 | Z | 0 | o | * | - | 36 | 24 | * | - | |
| SPAN. PEN. | Frankfurt ... | 29.63 | 38 | Z | 0 | o | 29.68 | -06 | 39 | 39 | +3 | S | 1 | f | * | - | 41 | 36 | * | 0.04 | |
| | Munich ... | 29.72 | 33 | Z | 0 | f | 29.75 | -03 | 37 | 37 | +2 | SW | 1 | + | * | - | 45 | 32 | * | 0.04 | |
| | C. Gris Nez ... | 29.36 | 48 | SW | 6 | o | 29.46 | -00 | 41 | 41 | -4 | S | 4 | bc | 4 | - | 48 | 39 | * | 0.24 | |
| | Brest ... | 29.38 | 50 | W | 4 | o | 29.24 | -03 | 50 | 48 | 0 | SW | 2 | c | 5 | - | 54 | 48 | * | 0.16 | |
| | Lorient ... | 29.41 | 53 | NW | 4 | o | 29.39 | -05 | 51 | 51 | +5 | SW | 5 | + | 5 | - | 57 | 46 | * | 0.35 | |
| | Rochefort ... | 29.60 | 52 | SSW | 3 | o | 29.41 | -13 | 48 | 48 | 0 | SSE | 4 | + | * | o | 55 | 45 | * | 0.16 | |
| | Biarritz ... | 29.71 | 50 | NW | 3 | o | 29.39 | -24 | 49 | 49 | -9 | E | 2 | m | 4 | - | 58 | 46 | * | 0.16 | |
| | Paris ... | 29.54 | 46 | SW | 4 | b | 29.55 | -05 | 41 | 41 | -1 | SSE | 3 | o | * | - | 48 | 39 | 2 | 0.04 | |
| | Belfort ... | 29.63 | 46 | WSW | 2 | o | 29.65 | -06 | 41 | 40 | +1 | ENE | 2 | + | * | - | 52 | 40 | * | 0.04 | |
| | Lyons ... | 29.73 | ? | S | 2 | o | 29.60 | -19 | 44 | 41 | +10 | NE | 1 | o | * | - | 51 | 34 | * | 0.04 | |
| SPAN. PEN. | Nice ... | 29.81 | 48 | Z | 0 | c | 29.77 | -04 | 44 | 43 | +2 | E | 1 | + | 4 | - | 55 | 42 | * | 0.12 | |
| | Perpignan ... | 29.72 | 52 | Z | 0 | o | 29.49 | -24 | 52 | 48 | +14 | S | 4 | o | * | - | 56 | 38 | * | - | |
| SPAN. PEN. | Corunna ... | | | | | | | | | | | | | | | | | | * | | |
| | Lisbon ... | | | | | | | | | | | | | | | | | | * | | |
| | Azores (P. Delgada) | | | | | | | | | | | | | | | | | | * | | |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR *Saturday, 29th November, 1902.*

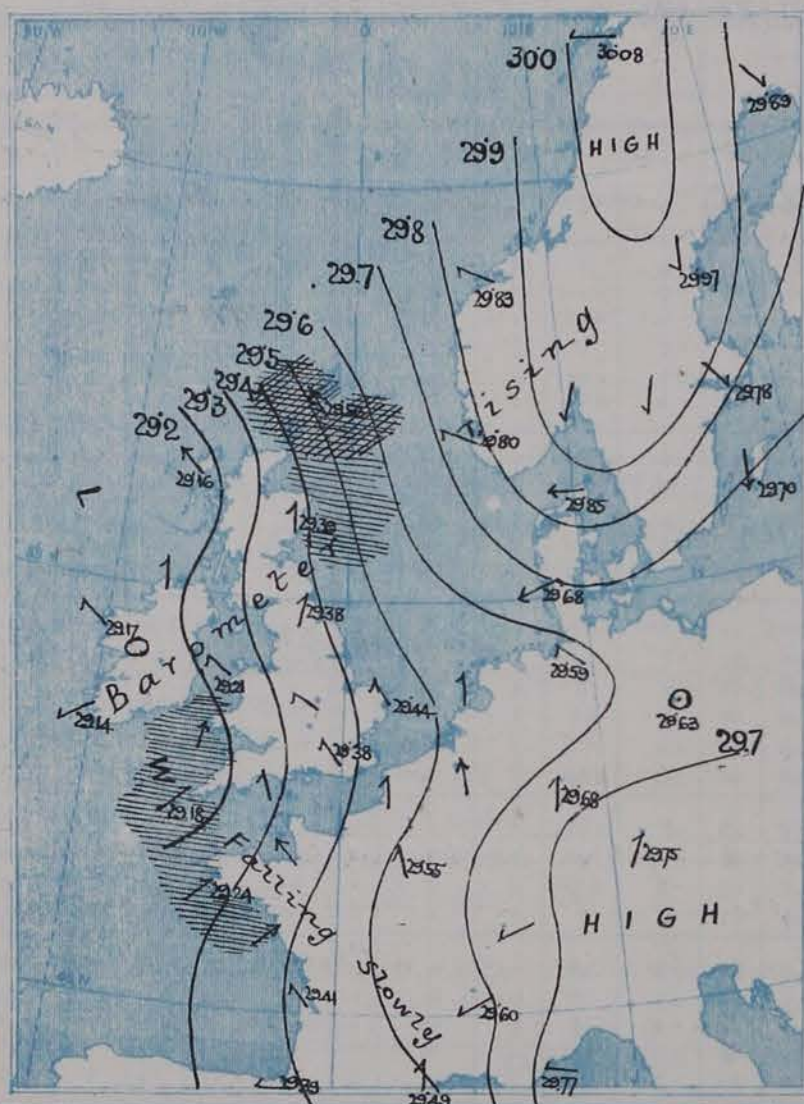
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ————— Force 5 to 7 ————— } Calm ☉
Force 8 to 10 ————— Force 1 to 4 —————

☁ — Rain ☀ — High

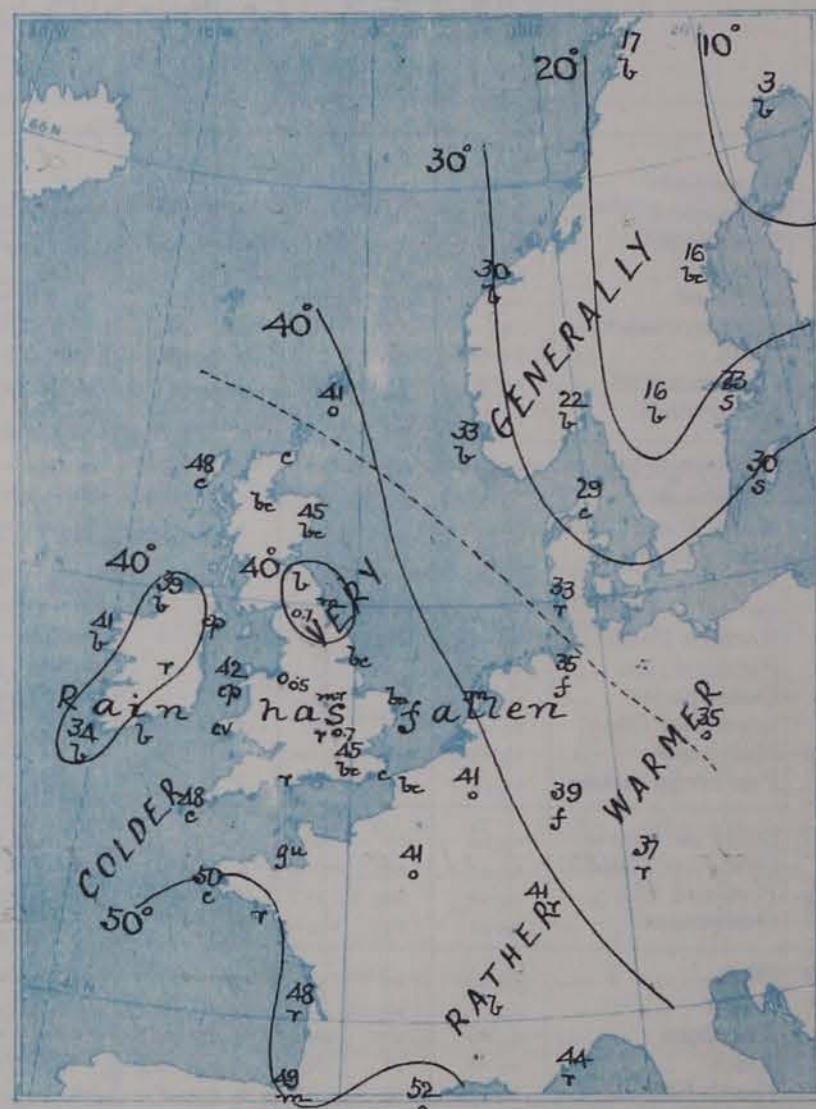


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus —0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE at 8 A.M. for the two monthly period NOVEMBER-DECEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is now highest, above 30.0 in., over the north of Norway, and lowest, below 29.2 in., over Wales, Ireland and the Hebrides. The barometer is now rising over the greater part of North-western Europe, but falling at some of our south-western stations, and also in the west and south-west of France. Gradients are still rather steep in Scotland, moderate in the north generally, very slight over Ireland.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is S.E.^{ly} or S.^{ly} over the United Kingdom and its immediate neighbourhood, and blows strongly in the extreme north of Scotland. Over Denmark and in the south and south-west of France the wind is chiefly E.^{ly} and in the former country blows rather strongly. Temperature has fallen in most places, but risen in Germany. Over our Islands the readings range from 48° on our southern coasts and also at Wick and Stornoway, to 38° at Shields, 35° at Newton Reigny and Pascostown, and to 34° at Valencia. At Perpignan the thermometer stands at 52°, at Paris 41°, Berlin 35°, Kassel 16°, and at Haparanda 3°. The weather is fine in most parts of Scandinavia, as well as in various parts of our Islands; it is cloudy or dull as a whole, with rain or passing showers in several English and Irish districts, snow at Stockholm and Wisby, and rain at Munich and Belfort. The sea is very rough off the Scotch coasts and rather so at some western and south-western stations.

Rain has again fallen over this Kingdom and the neighbouring portions of the Continent - as much as 0.5 in. at Liverpool and 0.7 in. at Oxford. The maximum temperatures recorded yesterday were below 50° at most of our stations and below 40° in some parts of Germany. Bright sunshine was again very deficient except at some western and south-western stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fall of the barometer which is in progress in the west and south-west of France, and the decided rise which is taking place over Scandinavia are likely to cause S.E.^{ly} to E.^{ly} winds over the United Kingdom. Some rain may be expected in different localities, but the general condition is likely to be drier than of late.

FORECASTS *

For the 24 hours ending at NOON on 30th November, 1902

DISTRICTS.


FORECASTS.


| | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | S.E. ^{ly} winds, decreasing in force; cloudy or dull. Some rain. |
| 1 | SCOTLAND EAST | S.E. ^{ly} or S. ^{ly} winds, light or moderate; fair as a whole, but rain locally. |
| 2 | ENGLAND N.E. | |
| 3 | ENGLAND EAST | S.E. ^{ly} winds, light; some slight rain locally, but fair generally. Becoming rather cooler. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

| | | |
|----------|---------------|---|
| 6 | SCOTLAND WEST | Same as No. 0. |
| 7 | ENGLAND N.W. | S.E. ^{ly} or S. ^{ly} winds, light or moderate; unsettled, some rain. |
| 8 | ENGLAND S.W. | S.E. ^{ly} or S. ^{ly} winds, moderate or fresh; unsettled, some rain. |
| 9 | IRELAND NORTH | S.E. ^{ly} or E. ^{ly} winds, changeable, some rain. |
| 10 | IRELAND SOUTH | |
| WARNINGS | | At 11 a.m. to-day to districts 1 to 3 and 5 to 8, 'Lower Cone'. The signals are still flying in district 0. |

Note. - The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | |
|--------------------------------|------------------|------------|-------|----------|----------------------------|-----------------------------------|----|----|-------|----------|------|----------------|---------------------------|------------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. Ins. Change. | Temperature. Dry. Wet. Change. | | | Wind. | Weather. | Sea. | Weather. | Temperature. Max. Min. | Sun- shine. Hrs. | Rainfall Ins. |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | b | * | o | 47 42 | 0.0 | 0.03 |
| Newton Reigny (Penrith) ... | 29.07 | 42 | ESE 5 | + | 29.32 | 1.8 | 34 | 33 | -9 | 20 | o | o† | 45 33 | 0.0 | 0.72 |
| Bath | 29.28 | 42 | SE 2 | o | 29.29 | +1.6 | 43 | 42 | -8 | SE 1 | o | - | 52 34 | 0.0 | 0.30 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 46 | 41 | m. of | 0.0 | 0.13 | Worthing | * | * | * | 1.4 | * |
| Birmingham, 9 p.m. ... | 48 | 39 | b | 0.0 | 0.49 | Llandudno | * | * | * | 0.0 | * |
| Lowestoft, up to 6 p.m. ... | 47 | 38 | b | 0.0 | 0.03 | Rhyl | * | * | * | 0.0 | * |
| Hastings | * | * | * | 0.8 | * | Southport, 9 p.m. ... | 49 | 41 | b | 0.0 | 0.70 |
| Eastbourne | * | * | * | 0.6 | * | Manchester, 9 p.m. ... | 52 | 41 | r, b | 0.0 | 0.47 |
| Brighton | * | * | * | 1.0 | * | Darwen, 9 p.m. ... | 41 | 38 | cm | 0.0 | 1.05 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|--------------------------------|-----------------|-----------|----------|-------|--------------------------------|-----------------|-----------|----------|--------------------|
| | Max. ° | Min. ° | | | | Max. ° | Min. ° | | |
| 28 th November 1902 | | | | | 27 th November 1902 | | | | |
| Madeira (Funchal) | NOT | RECEIVED. | | Ins. | Algiers | 66 | 55 | o, c | Ins. |
| Madrid | 57 | 37 | b, f | - | Tunis | 64 | 48 | o, o | 1.73 |
| Corsica (I. Sanguinaires) ... | 55 | 43 | r, m | 0.32 | Vienna | 34 | 18 | b, f | - |
| Rome | 56 | 44 | c, c | 0.08 | St. Petersburg | 25 | 1 | o, s | 0.04 |
| Florence | 51 | 43 | r, b | 0.39 | 27 th November 1902 | 1 p.m. | | 1 p.m. | Measured 7 a.m. |
| Trieste | 45 | 37 | o, o | - | Lugano | 41 | - | o | - |
| Naples | 56 | 48 | c, c | 0.59 | Davos | 40 | - | s | - |
| Palermo | 68 | 48 | c, c | 0.43 | Lucerne | 41 | - | c | 0.24 |
| Malta | 64 | 57 | c | 0.12 | Lausanne | 42 | - | c | 1.06 |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

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| | Hours of Morning Observations by Local Standard Time. | Corresponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corresponding Greenwich Times. |
|---|--|--------------------------------------|--|--------------------------------------|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) ... | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) ... | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 29 th Nov. 1902. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|-----------------------------|-------------------|----------------|------------------|
| Yarmouth | 7.39 | 11.41 | 3.43 |
| Greenwich | 7.42 | 11.48 | 3.54 |
| Wick | 8.35 | 12.0 | 3.26 |
| Valencia | 8.25 | 12.29 | 4.33 |

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

Sunday 30th November.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

| STATIONS. | | YESTERDAY, EVENING. (See note on last page.) | | | | | THIS MORNING. (See note on last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|--------------|--|---|--------------|--------|---------------------|-------|---|------------------------------------|--------------|--------------|------------------------------------|--------|---------------------|------------------|----------|-------|----------------|-------------------------|-------------------|------|------|
| | | BAROM. | | TEMP. | | WIND. | BAROMETER. | | TEMPERATURE. | | | WIND. | | Sea (0 to 9.) | Weather. | TEMP. | | Sun- shine. Hours | Rainfall. Ins. | | |
| | | At 32° and M.S.L. | Dry Bulb. | Direc. | Force (0 to 12.) | | At 32° Fabr. and M. S. L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | Direc. | Force (0 to 12.) | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | | Ins. | Ins. |
| SCANDINAVIA. | | Haparanda ... | 29.87 | 12 | N | 2 | b | 30.13 | +24 | 1 | -1 | -2 | NNW | 2 | b | * | - | 19 | ? | * | 0.08 |
| | | Hernösand ... | 29.94 | 23 | Z | 0 | b | 30.01 | +04 | 23 | 22 | +7 | N | 2 | c | * | - | 23 | 14 | * | - |
| | | Stockholm ... | 29.88 | 22 | NNW | 4 | o | 29.92 | +14 | 21 | 19 | -2 | NW | 4 | o | * | - | 30 | 18 | * | - |
| | | Wisby ... | 29.83 | 28 | N | 6 | s | 29.90 | +20 | 30 | 29 | 0 | NW | 6 | o | * | - | 34 | 23 | * | 0.35 |
| | | Karlstad ... | 30.04 | 15 | NW | 2 | b | 30.07 | +13 | 13 | 13 | -3 | NW | 2 | b | * | - | * | * | * | - |
| | | Færder (X'iania Fjord) ... | 30.04 | 24 | N | 5 | b | 30.10 | +15 | 24 | 22 | +2 | N | 4 | b | 2 | - | 24 | 21 | * | - |
| | | Bodö ... | 30.08 | 23 | E | 2 | b | 30.09 | +01 | 29 | 27 | +12 | E | 1 | + | 1 | - | ? | 16 | * | - |
| | | Christiansund ... | 29.98 | 29 | E | 4 | b | 30.18 | +35 | 28 | 27 | -2 | E | 2 | b | 3 | - | 32 | 27 | * | - |
| | | Skudesnaes ... | 29.99 | 32 | Z | 0 | b | 30.12 | +32 | 26 | 25 | -7 | ENE | 2 | b | 2 | b | 34 | 25 | * | * |
| | | Sumburgh Head ... | 29.73 | 41 | SE | 5 | o | 29.91 | +35 | 41 | 39 | 0 | SE | 4 | o | 6 | + | 42 | 39 | * | 0.05 |
| | | Stornoway ... | 29.50 | 44 | SSE | 4 | b | 29.67 | +51 | 48 | 45 | 0 | SE | 4 | c | 5 | b | 50 | 42 | 3.9 | 0.01 |
| | | Malin Head ... | 29.35 | 42 | SE | 5 | omp | 29.61 | +40 | 44 | 42 | +5 | SE | 6 | om | 4 | o,omp | 46 | 38 | * | - |
| | | Blacksod Pt. ... | 29.32 | 45 | ENE | 3 | bc | 29.55 | +38 | 41 | 39 | 0 | S | 2 | bm | 2 | bc | 45 | 36 | * | - |
| | | Valencia ... | 29.30 | 40 | ENE | 2 | b | 29.55 | +41 | 31 | 30 | -3 | E | 1 | b | 4 | bcm,b | 42 | 30 | 1.7 | - |
| | | Roche's Point ... | 29.29 | 44 | W | 2 | cp | 29.52 | +38 | 42 | 41 | 0 | NNW | 3 | c | 2 | bc,cp | 46 | 38 | * | 0.03 |
| | | Parsonstown ... | 29.34 | 37 | E | 1 | b | 29.56 | +40 | 38 | 38 | +3 | Z | 0 | om | * | b | 41 | 33 | 0.9 | 0.10 |
| | | Donaghadee ... | 29.37 | 48 | SSE | 4 | c | 29.64 | +41 | 48 | 45 | +2 | SE | 5 | cg | 4 | - | 48 | 42 | * | 0.34 |
| | | Liverpool Obsy. ... | 29.40 | 45 | SE | 2 | + | 29.60 | +33 | 45 | 42 | +5 | E | 5 | o | 3 | om,t | 47 | 40 | * | 0.05 |
| | | Holyhead ... | 29.36 | 44 | E | 2 | om | 29.59 | +38 | 45 | 44 | +3 | E | 4 | om | 3 | c,om | 47 | 41 | * | 0.09 |
| | | Pembroke (St. Ann's) ... | 29.28 | 50 | SSW | 5 | o | 29.49 | +31 | 44 | 42 | -4 | NE | 3 | cgm | 3 | - | 51 | 42 | 1.5 | 0.08 |
| | | Scilly (St. Mary's) ... | 29.20 | 49 | SE | 1 | o | 29.47 | +29 | 48 | 46 | 0 | NNW | 4 | cp | 5 | c,o | 52 | 45 | 0.0 | 0.03 |
| | | Jersey (St. Aubins) ... | 29.27 | 48 | ESE | 5 | om | 29.40 | +07 | 45 | 44 | -3 | NE | 2 | om | 2 | og,om | 51 | 43 | 0.5 | 0.10 |
| | | Portland Bill ... | 29.31 | 49 | S | 6 | cg | 29.44 | +15 | 46 | 45 | -2 | NE | 4 | o | 3 | tg,cg | 51 | 43 | * | 0.22 |
| | | Dungeness ... | 29.41 | 48 | ESE | 4 | o | 29.45 | +03 | 50 | 49 | +2 | SE | 5 | o | 3 | c,o,q | 50 | 45 | * | 0.10 |
| | | Wick ... | 29.69 | 47 | SE | 7 | o | 29.79 | +37 | 46 | 44 | -2 | SE | 7 | ou | 6 | - | 49 | 44 | * | 0.04 |
| | | Nairn ... | 29.54 | 39 | E | 1 | b | 29.76 | +33 | 44 | 42 | +2 | SE | 1 | bc | 1 | - | 46 | 37 | * | - |
| | | Aberdeen ... | 29.59 | 46 | ESE | 4 | o | 29.81 | +42 | 44 | 42 | -1 | SE | 5 | og,qp | 6 | bc,og | 48 | 44 | 0.4 | 0.05 |
| | | Leith ... | 29.48 | 46 | ESE | 1 | + | 29.74 | +37 | 46 | 44 | +7 | ESE | 1 | o | * | - | 47 | 38 | * | 0.01 |
| | | North Shields ... | 29.47 | 47 | ESE | 3 | + | 29.73 | +35 | 47 | 44 | +9 | ESE | 4 | o | 4 | + | 47 | 36 | * | 0.10 |
| | | Spurn Head ... | 29.50 | 44 | SE | 4 | c | 29.60 | +22 | 45 | 43 | +1 | E | 6 | c | 4 | - | 47 | 43 | * | - |
| | | Yarmouth ... | 29.49 | 46 | S | 4 | c | 29.53 | +09 | 44 | 42 | -2 | E | 8 | tg,q | 6 | o,c | 47 | 41 | * | 0.19 |
| | | Loughborough ... | 29.44 | 45 | SE | 3 | bc | 29.55 | +21 | 43 | 43 | -3 | ENE | 4 | og,t | * | gp,c,q,t | 47 | 41 | * | 0.28 |
| | | Oxford ... | 29.42 | 44 | E | 1 | o | 29.47 | +14 | 45 | 45 | 0 | NE | 3 | od | * | op | 50 | 44 | * | 0.48 |
| | | London (Brixton) ... | 29.43 | 45 | E | 2 | o | 29.48 | +10 | 46 | 46 | +1 | ENE | 2 | o | * | bc,o,t | 50 | 44 | 0.0 | 0.27 |
| | | The Scaw (Skagen) ... | 30.01 | 28 | ENE | 3 | c | 30.07 | +22 | 27 | 27 | -2 | ENE | 1 | b | 0 | - | 30 | 25 | * | - |
| | | Fanö ... | 29.90 | 28 | NE | 7 | b | 30.01 | +33 | 24 | 23 | -9 | NE | 3 | b | * | - | 34 | 23 | * | 0.04 |
| | | Cuxhaven ... | 29.74 | 35 | E | 5 | b | 29.92 | +33 | 31 | 30 | -4 | E | 4 | b | * | - | 36 | 30 | * | - |
| | | The Helder ... | 29.64 | 35 | ESE | 1 | f | 29.74 | +22 | 35 | 35 | +2 | ESE | 6 | o | 3 | - | 37 | 32 | * | - |
| | | Brussels ... | * | * | * | * | * | 29.55 | -03 | 43 | 43 | +2 | ESE | 4 | o | * | - | 48 | 41 | * | 0.16 |
| | | Berlin ... | 29.78 | 33 | NE | 1 | o | 29.95 | +32 | 25 | 24 | -10 | E | 2 | b | * | - | 37 | 23 | * | - |
| | | Frankfurt ... | 29.65 | 41 | E | 2 | o | 29.71 | +03 | 39 | 37 | 0 | ENE | 2 | o | * | - | 46 | 37 | * | 0.04 |
| | | Munich ... | 29.63 | 35 | SE | 4 | o | 29.67 | -08 | 32 | 31 | -5 | E | 3 | o | * | - | 45 | 30 | * | - |
| | | C. Gris Nez ... | 29.45 | 44 | E | 4 | o | 29.39 | -07 | 46 | 44 | +5 | ESE | 3 | o | 3 | - | 48 | 44 | * | 0.08 |
| | | Brest ... | 29.22 | 48 | N | 1 | + | 29.45 | +21 | 50 | 46 | 0 | NNW | 2 | o | 3 | - | 52 | 45 | * | 1.34 |
| | | Lorient ... | 29.22 | 48 | ESE | 5 | o | 29.45 | +16 | 46 | 46 | -5 | N | 2 | c | 4 | - | 55 | 41 | * | 0.28 |
| | | Rochefort ... | 29.24 | 50 | S | 3 | + | 29.24 | -17 | 46 | 46 | -2 | NW | 2 | o | * | + | 50 | 43 | * | 0.32 |
| | | Biarritz ... | 29.25 | 53 | Z | 0 | + | 29.48 | +09 | 50 | 50 | +8 | Z | 0 | o | 5 | - | 55 | 49 | * | 0.91 |
| | | Paris ... | 29.35 | 47 | ESE | 4 | + | 29.45 | -10 | 49 | 48 | +8 | SSE | 3 | + | * | - | 50 | 41 | * | 0.24 |
| | | Belfort ... | 29.41 | 41 | ENE | 6 | o | 29.57 | -08 | 39 | 38 | -2 | ENE | 4 | m | * | - | 46 | 39 | * | - |
| | | Lyons ... | 29.39 | 52 | S | 3 | o | 29.50 | -10 | 45 | 42 | +1 | ? | 1 | o | * | - | 55 | 44 | * | - |
| | | Nice ... | 29.63 | 48 | E | 4 | + | 29.52 | -25 | 55 | 48 | +11 | SE | 6 | o | 7 | - | 55 | 44 | * | 0.32 |
| | | Perpignan ... | 29.30 | 59 | S | 5 | o | 29.34 | -15 | 58 | 56 | +6 | SE | 3 | o | * | - | 64 | 52 | * | 0.71 |
| | | Corunna ... | | | | | | | | | | | | | | | | | | | |
| | | Lisbon ... | 29.47 | 43 | NNW | 5 | + | 29.73 | +36 | 51 | 48 | 0 | NNW | 4 | b | * | - | 55 | 46 | * | 0.16 |
| SPAN. PEN. | | Azores (P. Delgada) ... | 29.93 | 62 | W | 3 | m | 29.83 | -10 | 64 | 63 | +8 | SW | 5 | m | 5 | - | 64 | 56 | * | - |

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Sunday, 30th November, 1902.

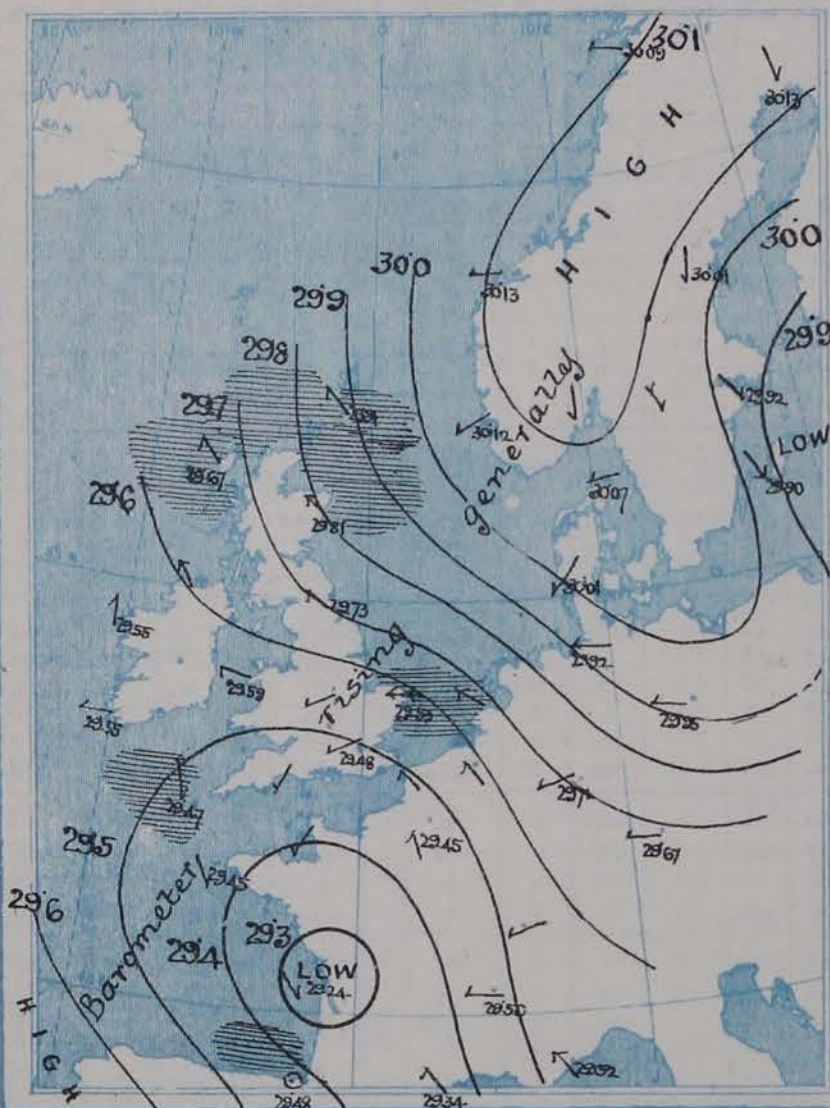
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Direction and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 →

SEA.—Rough High

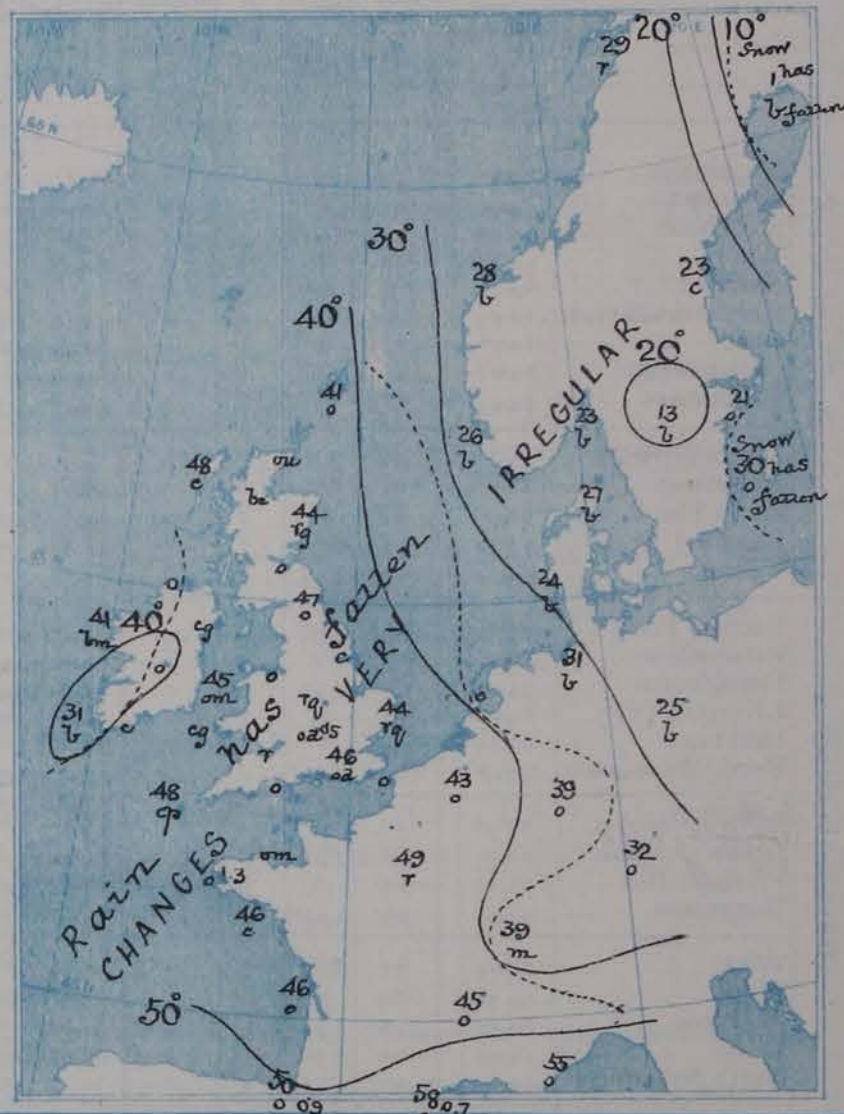


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of NOVEMBER. (1871-1900)



V. Means of DAILY TEMPERATURE at 8 A.M. for the two monthly period NOVEMBER-DECEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure is now highest, 30.1 ins. and upwards, in an anticyclone lying over Norway and the north of Sweden and lowest, 29.3 ins. and less, in a small cyclonic system over the west of France. The high pressure system is extending westward, while the low pressure area is filling up, and the barometer is consequently rising over the whole of western Europe. Gradients are moderate generally, but are rather steep over the southern parts of the North Sea.

WIND

The wind is E or N.E. over Denmark, Germany, the Netherlands and the greater part of England and blows strongly on our eastern coasts, with a gale at Yarmouth; over the northern parts of the United Kingdom it is moderate to strong from the S.E. At the mouth of the Channel and in the Bay of Biscay light N or NW breezes are reported but in central and southern France the wind is S.E.

TEMPERATURE

Temperature has changed very irregularly; over the United Kingdom and France the readings are still above the average, the thermometer being above 45° in many places, and as high as 50° at Dinginess. The lowest temperature at present reported in these Islands is, singularly enough, at Valencia where the thermometer stands at 31°. Frost is general over Scandinavia, Denmark and Germany, the lowest temperatures reported being 1° at Haparanda and 13° at Karlstad.

WEATHER

AND

SEA

The weather is cloudy or dull over western Europe generally, with rain over eastern and central England and also at Paris.

During yesterday the thermometer rose to 50° or slightly above it at several of our southern stations; at Valencia it only rose to 42° and at Parsonstown to 41°. The amount of bright sunshine was generally very small; at most of the English stations there was none. Rain has fallen over nearly the whole of our Islands and France; the amount at Brest being as much as 1.3 inch.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 1st DECEMBER, 1902

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

None

issued.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

None

issued.

WARNINGS

At 7.10 pm. yesterday to Districts 3, 5, 8 and 10, "Hoist North Cone". The Signals have been lowered this morning in District 10.

Note.—The South Cone, point downwards (⌣), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌢), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

| TELEGRAPHIC REPORTS TO-DAY. | YESTERDAY 6 P.M. | | | | THIS MORNING 8 A.M. | | | | | | | PAST 24 HOURS. | | | |
|--------------------------------|------------------|------------|-------|----------|----------------------------|-----------------------------------|----|----|-------|----------|------|----------------|---------------------------|-----------------------|------------------|
| | Bar. Ins. | Temp. ° | Wind. | Weather. | Barometer. Ins. Change. | Temperature. Dry. Wet. Change. | | | Wind. | Weather. | Sea. | Weather. | Temperature. Max. Min. | Sun- shine Hrs. | Rainfall Ins. |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | 0 | * | C, O | 48 44 | 2.2 | 0.11 |
| Newton Reigny (Penrith) | | | | | | | | | | | | | | | |
| Bath | 29.38 | 43 | SE 3 | 0 | 29.45 -16 | 45 | 45 | +2 | E 3 | + | + | - | 49 44 | 0.0 | 0.20 |

REPORTS FOR YESTERDAY.

| STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. | STATIONS. | TEMPERATURE. | | Weather. | Sunshine. Hrs. | Rainfall. Ins. |
|-----------------------------|--------------|------|----------|-------------------|-------------------|------------------------|--------------|------|----------|-------------------|-------------------|
| | Max. | Min. | | | | | Max. | Min. | | | |
| Harrogate, up to 6 p.m. ... | 44 | 31 | m, o, m | 0.0 | 0.08 | Worthing | * | * | * | 0.5 | * |
| Birmingham, 9 p.m. ... | 46 | 36 | 0 | 0.0 | 0.17 | Llandudno | * | * | * | 3.8 | * |
| Lowestoft, up to 6 p.m. ... | | | | | | Rhyl | * | * | * | | * |
| Hastings | * | * | * | 0.0 | * | Southport, 9 p.m. ... | 46 | 36 | c | 0.0 | 0.02 |
| Eastbourne | * | * | * | * | * | Manchester, 9 p.m. ... | 50 | 36 | +c, b- | 0.0 | 0.03 |
| Brighton | * | * | * | * | * | Darwen, 9 p.m. ... | 44 | 35 | 0 | 0.0 | 0.14 |

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

| STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. | STATIONS. | TEMPERATURE, F. | | WEATHER. | RAIN. |
|-------------------------------|-----------------|-----------|----------|-------|-----------------------|-----------------|-----------|----------|--------------------|
| | Max. ° | Min. ° | | | | Max. ° | Min. ° | | |
| 29.XI.02 | | | | | | | | | |
| Madeira (Funchal) | | Not | received | Ins. | Algiers | 70 | 54 | c, c | — |
| Madrid | 47 | 45 | o, r | 0.32 | Tunis | 63 | 46 | c, o | — |
| Corsica (I. Sanguinaires) ... | 55 | 41 | m, m | — | Vienna | 30 | 18 | b, f | — |
| Rome | 54 | 41 | b, c | — | St. Petersburg | 18 | -4 | o, s | — |
| Florence | 51 | 37 | c, c | — | 1 p.m. | | | | Measured 7 a.m. |
| Trieste | 50 | 37 | o, o | — | Lugano | 46 | — | b | — |
| Naples | 57 | 48 | b, c | — | Davos | 39 | — | b | — |
| Palermo | 65 | 45 | b, c | 0.04 | Lucerne | 46 | — | b | — |
| Malta | 62 | 56 | c | 0.04 | Lausanne | 43 | — | bc | — |

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

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| | Hours of Morning Observations by Local Standard Time. | Corres- ponding Greenwich Times. | Hours of Evening Observations by Local Standard. | Corres- ponding Greenwich Times. |
|---|--|---|--|---|
| British Isles, Belgium, Holland | 8 a.m. (West European) | 8 a.m. | 6 p.m. (W.E.T.)† | 6 p.m. |
| Germany, Denmark Norway, Sweden ... | 8 a.m. (Mid-European) | 7 a.m. | 8 p.m. (M.E.T.) | 7 p.m. |
| France | 7 a.m. (Paris) ... | 6.51 a.m. | 6 p.m. (Paris) | 5.51 p.m. |
| Spain | 9 a.m. (San Fernando) | 9.25 a.m. | 6 p.m. (San Fernando) | 6.25 p.m. |
| Portugal | 8 a.m. (Lisbon) ... | 8.36 a.m. | | |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

| 30.XI.1903. | Sunrise G.M.T. | Noon G.M.T. | Sunset G.M.T. |
|------------------|-------------------|----------------|------------------|
| h. m. | h. m. | h. m. | h. m. |
| Yarmouth | 7.41 | 11.42 | 3.43 |
| Greenwich | 7.44 | 11.49 | 3.54 |
| Wick | 8.37 | 12.1 | 3.25 |
| Valencia | 8.27 | 12.30 | 4.32 |

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† Except at Oxford, where the observations are taken at 8 p.m.

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

| DATE. | STATIONS. | YESTERDAY EVENING | | | | | THIS MORNING. | | | | | | | | | | | PAST 24 HOURS. | | | | |
|------------------|----------------|-------------------|-------|-------|---|----------|---------------|------|--------------|----|-----|-------|---|---------------|----------|----------|----|----------------|-----------|-------------------|-----------|--------|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | TEMPERATURE. | | | WIND. | | Sea (0 to 9). | Weather. | TEMP. | | Sun- shine. | Rainfall. | | | |
| | | | | | | | | | | | | | | | | | | | | At 32° and M.S.L. | Dry Bulb. | Direc. |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | Ins. | ° | | | | Ins. | Ins. | ° | ° | ° | | | | | | | Hours. | Ins. | | | |
| 1 st | Corunna. | 30.17 | 62 | NE | 2 | b | 30.10 | -08 | 57 | 54 | +7 | NE | 3 | bc | 5 | - | 63 | 50 | - | - | | |
| " | Lisbon. | 30.01 | 61 | NW | 2 | b | 29.97 | -15 | 55 | 51 | 0 | N | 2 | b | 1 | - | 68 | 54 | - | - | | |
| " | P. Delgada. | 29.86 | 65 | E | 6 | r | 29.71 | -24 | 65 | 64 | +1 | E | 5 | m | 6 | - | 68 | 63 | - | 1.14 | | |
| 2 nd | Newton Reigny | 30.12 | 44 | W | 1 | b | 30.28 | +32 | 28 | 26 | -24 | Z | 0 | b | - | og, c, b | 55 | 26 | 1.0 | - | | |
| 3 rd | Helder. | 30.24 | 49 | NE | 1 | o | 30.19 | -05 | 45 | ? | -6 | SSW | 1 | o | 0 | - | 53 | 45 | - | - | | |
| " | Corunna. | 29.94 | 63 | NE | 3 | b | 29.87 | -12 | 50 | 46 | +1 | NE | 1 | f | 5 | - | 64 | 45 | - | - | | |
| " | Lisbon. | 29.76 | 58 | ESE | 4 | o | 29.68 | -18 | 57 | 57 | +6 | ESE | 4 | o | - | - | 61 | 50 | - | 0.43 | | |
| 4 th | Belfort. | 30.12 | 42 | Z | 0 | m | 30.19 | +02 | 31 | - | -3 | ESE | 2 | f | - | - | 55 | 30 | - | - | | |
| " | Corunna. | 29.75 | 62 | NE | 3 | b | 29.56 | -31 | 55 | 54 | +5 | NE | 3 | o | 5 | - | 64 | 50 | - | 0.24 | | |
| " | P. Delgada. | 29.84 | 61 | N | 1 | o | 29.82 | +04 | 59 | 56 | -2 | NNE | 2 | o | 2 | - | 66 | 57 | - | 0.04 | | |
| 5 th | Corunna. | 29.52 | 64 | E | 3 | o | 29.63 | +04 | 58 | 55 | +3 | SW | 3 | o | 3 | - | 66 | 52 | - | 0.20 | | |
| " | Lisbon. | 29.76 | 61 | SSW | 4 | r | 29.72 | +07 | 57 | 55 | -1 | E | 3 | o | - | - | 66 | 57 | - | 0.04 | | |
| " | P. Delgada. | 29.80 | 58 | NNW | 6 | b | 29.97 | +15 | 58 | 51 | -1 | NNW | 5 | bc | 3 | - | 68 | 57 | - | 0.79 | | |
| 6 th | Lisbon. | 29.38 | 60 | SSW | 5 | bc | 29.65 | -07 | 56 | 54 | -1 | WNW | 6 | r | - | - | 64 | 55 | - | 1.50 | | |
| " | P. Delgada. | 29.71 | 58 | WNW | 3 | c | 30.07 | +10 | 58 | 52 | 0 | NNW | 3 | o | 2 | - | 64 | 57 | - | - | | |
| 7 th | Lorient. | 29.23 | 59 | SW | 5 | f | 29.63 | +23 | 54 | 50 | 0 | W | 4 | bc | 4 | - | 63 | 50 | - | 0.20 | | |
| " | Corunna. | 29.56 | 57 | W | 6 | bc | 29.84 | - | 50 | 47 | - | SW | 3 | b | 5 | - | 59 | 45 | - | 0.24 | | |
| " | Lisbon. | 29.92 | 54 | WNW | 4 | r | 30.07 | +42 | 57 | 53 | +1 | WSW | 2 | b | - | - | 61 | 54 | - | 0.35 | | |
| " | P. Delgada. | 29.98 | 60 | S | 4 | r | 29.82 | +25 | 65 | 59 | +7 | WSW | 3 | f | 3 | - | 65 | 58 | - | 0.47 | | |
| 8 th | Brussels. | - | - | - | - | - | 29.88 | +24 | 48 | ? | -5 | SSW | 4 | o | - | - | 63 | 44 | - | ? | | |
| " | Corunna. | 29.59 | 59 | S | 3 | bc | 29.36 | -48 | 55 | 53 | +5 | S | 1 | o | 3 | - | 66 | 50 | - | 0.04 | | |
| " | Lisbon. | 30.16 | 58 | SSW | 3 | b | 30.12 | +05 | 58 | 57 | +1 | SSE | 3 | o | - | - | 64 | 57 | - | - | | |
| 9 th | Newton Reigny | 29.12 | 44 | SW | 5 | r | 29.16 | -24 | 45 | 45 | +2 | SSW | 3 | r | - | ot | 47 | 42 | 0.0 | 1.00 | | |
| 10 th | Corunna. | 30.07 | 61 | NW | 1 | bc | 29.92 | -15 | 52 | 48 | -2 | S | 3 | o | 6 | - | 61 | 46 | - | - | | |
| 11 th | Corunna. | 29.72 | 59 | SSE | 6 | o | 29.60 | -32 | 57 | 55 | +5 | W | 1 | o | 5 | - | 63 | 50 | - | 0.24 | | |
| " | Lisbon. | 29.84 | 62 | S | 4 | o | 29.74 | -25 | 59 | 56 | +6 | NW | 4 | o | - | - | 63 | 53 | - | 0.32 | | |
| " | P. Delgada. | 30.21 | 58 | W | 3 | bc | 30.26 | +31 | 57 | 54 | -5 | NW | 4 | bc | 3 | - | 66 | 57 | - | - | | |
| 12 th | Nice. | 30.09 | 51 | Z | 0 | b | 30.13 | +01 | 45 | 42 | -3 | ESE | 1 | b | 3 | - | 61 | 45 | - | - | | |
| " | Corunna. | 29.63 | 59 | WSW | 3 | c | 29.96 | +36 | 45 | 43 | -12 | SSW | 3 | bc | 5 | - | 61 | 39 | - | 0.24 | | |
| 13 th | Corunna. | 30.03 | 57 | NW | 3 | bc | 30.04 | +08 | 57 | 54 | +12 | N | 3 | o | 5 | - | 59 | 45 | - | 0.98 | | |
| " | P. Delgada. | 30.25 | 65 | SW | 5 | o | 29.79 | -50 | 66 | 62 | +5 | SW | 5 | o | 4 | - | 66 | 61 | - | - | | |
| 14 th | Corunna. | 30.07 | 59 | N | 3 | bc | 30.12 | +08 | 50 | 49 | -7 | N | 1 | f | 5 | - | 61 | 46 | - | - | | |
| " | P. Delgada. | 30.09 | 65 | SSW | 5 | m | 29.99 | +20 | 66 | 64 | 0 | SW | 7 | m | 6 | - | 68 | 64 | - | 0.98 | | |
| 15 th | Corunna. | 30.10 | 60 | N | 1 | o | 30.04 | -08 | 46 | ? | -4 | N | 1 | f | 3 | - | 61 | 45 | - | - | | |
| 16 th | Newton Reigny. | 30.28 | 47 | S | 2 | o | 30.25 | -05 | 39 | 37 | -10 | S | 1 | o | - | cm | 52 | 37 | 1.5 | - | | |
| 17 th | Corunna. | 30.03 | 63 | NNE | 1 | f | 29.60 | -47 | 57 | 54 | +1 | E | 1 | o | 6 | - | 64 | 52 | - | - | | |
| " | Lisbon. | 30.09 | 59 | SSW | 3 | c | 30.09 | -05 | 54 | 54 | +3 | NE | 2 | f | - | - | 64 | 51 | - | - | | |
| 18 th | C. Gns Nez. | 30.29 | 31 | ESE | 5 | c | 30.29 | -04 | 23 | - | -5 | E | 5 | b | 5 | - | 36 | 25 | - | - | | |
| " | Corunna. | 29.99 | 63 | E | 2 | o | 29.95 | +35 | 56 | 54 | -1 | E | 1 | o | 5 | - | 64 | 50 | - | 0.24 | | |
| " | P. Delgada. | 30.07 | 58 | NW | 3 | o | 30.04 | +02 | 60 | 55 | +2 | WSW | 4 | o | 4 | 0 | 63 | 55 | - | - | | |
| 19 th | Corunna. | 29.94 | 57 | E | 1 | b | 29.94 | -01 | 57 | 54 | +1 | SW | 3 | o | 3 | - | 59 | 50 | - | - | | |
| 20 th | Corunna. | 29.95 | 57 | NW | 3 | r | 30.15 | +21 | 54 | 48 | -3 | NW | 1 | o | 4 | - | 59 | 45 | - | 0.20 | | |
| 21 st | Corunna. | 30.11 | 59 | SSW | 3 | o | 29.92 | -23 | 55 | 52 | +1 | S | 3 | r | 3 | - | 61 | 48 | - | 0.08 | | |
| " | Lisbon. | 30.20 | 59 | SW | 1 | b | 30.13 | -12 | 59 | 58 | +1 | SW | 2 | bc | - | - | 64 | 57 | - | - | | |
| 22 nd | Lorient. | 30.02 | 41 | SE | 1 | r | 30.07 | -03 | 41 | - | +2 | SE | 4 | f | 5 | - | 43 | 36 | - | 0.28 | | |
| " | Corunna. | 29.99 | 59 | WNW | 3 | b | 30.19 | +27 | 52 | 49 | -3 | SW | 3 | bc | - | - | 61 | 47 | - | 0.16 | | |
| " | Lisbon. | 29.93 | 57 | NW | 4 | b | 30.28 | +15 | 54 | 51 | -5 | NNW | 2 | c | - | - | 63 | 54 | - | 0.16 | | |
| 23 rd | Haparenda. | 29.44 | 30 | W | 2 | b | 29.52 | -14 | 25 | 24 | -2 | W | 2 | c | - | - | 36 | 21 | - | - | | |
| " | Hermosand. | 29.82 | 38 | W | 2 | b | 29.75 | -27 | 34 | 33 | 0 | W | 4 | b | - | - | 39 | 32 | - | - | | |
| " | Stockholm. | 30.00 | 34 | W | 2 | o | 29.94 | -27 | 30 | 29 | -1 | WSW | 2 | b | - | - | 36 | 28 | - | - | | |
| " | Wibby. | 30.11 | 37 | W | 6 | o | 30.04 | -23 | 36 | 30 | -1 | W | 6 | o | - | - | 39 | 27 | - | - | | |
| " | Karistad. | 30.08 | 27 | NW | 2 | bc | 30.00 | -23 | 21 | 21 | +1 | Z | 0 | o | - | - | - | - | - | - | | |
| " | The Helder. | 30.44 | 28 | SE | 1 | m | 30.04 | -19 | 21 | - | -2 | S | 1 | m | ? | - | 34 | 19 | - | - | | |
| " | Lorient. | 30.07 | 43 | SE | 3 | f | 30.11 | +04 | 52 | - | +11 | W | 5 | bc | 3 | - | 43 | 36 | - | 0.39 | | |
| " | Corunna. | 30.19 | 57 | W | 1 | bc | 30.27 | +08 | 54 | 50 | +2 | SSW | 2 | o | 5 | - | 59 | 46 | - | 0.08 | | |
| " | Newton Reigny. | 29.85 | 36 | SE | 2 | o | 29.81 | -19 | 38 | 37 | +8 | ESE | 2 | bc | - | og, c | 40 | 30 | 0.0 | 0.03 | | |
| 24 th | Corunna. | 30.19 | 59 | SSW | 4 | o | 29.92 | -35 | 61 | 57 | +7 | S | 4 | o | 5 | - | 63 | 54 | - | 0.04 | | |
| " | Lisbon. | 30.30 | 57 | WSW | 1 | b | 30.23 | -15 | 55 | 54 | +2 | Z | 0 | o | - | - | 61 | 52 | - | - | | |
| 25 th | Corunna. | 29.80 | 59 | SW | 6 | o | 29.69 | -23 | 56 | 52 | -5 | WSW | 7 | f | 9 | - | 64 | 50 | - | 0.28 | | |
| " | Lisbon. | 30.08 | 59 | WSW | 3 | bc | 30.08 | -15 | 58 | 53 | +3 | W | 4 | o | - | - | 63 | 55 | - | 0.28 | | |
| " | P. Delgada. | 30.32 | 59 | N | 4 | o | 30.32 | +06 | 58 | 53 | 0 | N | 3 | o | 2 | - | 64 | 57 | - | - | | |
| 26 th | Corunna. | 29.80 | 55 | WNW | 8 | bc | 29.92 | +23 | 54 | 52 | -2 | SW | 3 | o | 8 | - | 59 | 48 | - | 0.04 | | |
| " | P. Delgada. | 30.29 | 57 | NNE | 2 | c | 30.25 | -07 | 55 | 51 | -3 | N | 2 | bc | 2 | - | 64 | 54 | - | - | | |
| 27 th | Brussels. | - | - | - | - | - | 29.68 | +25 | 39 | - | -2 | ESE | 1 | f | - | - | 53 | 30 | - | - | | |

REPORTS FOR NOVEMBER, 1902.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY (CONT'D)

| DATE. | STATIONS. | YESTERDAY EVENING | | | | | THIS MORNING. | | | | | | | | | | PAST 24 HOURS. | | | | |
|------------------|---------------|-------------------|-------|-------------------------------------|--------------|----------|---------------|---------------------|---|------------------------------------|--------------|--------------|------------------------------------|----------|------------------|----------|----------------|---------------------|----------------|----------|------|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | TEMPERATURE. | | | WIND. | | Weather. | Sea (0 to 9). | Weather. | TEMP. | | Sun- shine. | Rainfall | |
| | | | | At 3 ³⁰ and M.S.L. | Dry Bulb. | | Direc. | Force (0 to 12). | At 8 ³⁰ Fabr. and M.S.L. | Change since Yester- day. | Dry Bulb. | Wet Bulb. | Change since Yester- day. | | | | Direc. | Force (0 to 12). | | | Max. |
| | | Ins. | ° | | | | Ins. | Ins. | ° | ° | ° | | | | | | | | Hours. | Ins. | |
| 27 ²² | Corunna. | 30.31 | 57 | WNW | 3 | 0 | 29.92 | .00 | 52 | 50 | -2 | WSW | 3 | 0 | 6 | - | 59 | 48 | - | 0.20 | |
| " | P. Delgada. | 30.17 | 54 | Z | 0 | 0 | 30.03 | -.22 | 61 | 57 | +6 | WSW | 5 | 0 | 4 | - | 64 | 54 | - | - | |
| 28 ²² | Lorient. | 29.69 | 51 | SW | 4 | 0 | 29.34 | -.49 | 50 | - | +1 | SW | 5 | 0 | 7 | - | 59 | 48 | - | 0.39 | |
| " | Corunna. | 29.80 | 57 | S | 4 | 0c | 29.65 | -.27 | 52 | 48 | 0 | SW | 3 | 0 | 5 | 0c | 59 | 45 | - | 0.12 | |
| " | P. Delgada. | 29.97 | 59 | N | 4 | 0c | 29.90 | -.13 | 57 | 54 | -4 | NNW | 3 | m | 3 | 0c | 64 | 55 | - | 0.16 | |
| 29 ²³ | Lisbon. | 29.56 | 55 | E | 4 | + | 29.37 | -.43 | 51 | 50 | -8 | NNW | 3 | + | - | + | 61 | 52 | - | 0.83 | |
| " | P. Delgada. | 29.73 | 60 | N | 6 | 0 | 29.93 | +.03 | 56 | 53 | -1 | N | 4 | c | 4 | 0 | 66 | 55 | - | 0.04 | |
| 30 ²³ | Corunna | 29.61 | 57 | WSW | 3 | 0c | ? | - | 52 | 50 | - | WNW | 3 | + | 6 | - | 59 | 48 | - | 0.28 | |
| " | Newton Reigny | 29.46 | 44 | SE | 2 | 0 | 29.69 | +.37 | 43 | 41 | +9 | E | 4 | 0 | - | 09m7 | 44 | 34 | 0.0 | 0.04 | |

2. CORRECTIONS.

[illegible]