

5381

M.O. FORM 2610

METEOROLOGICAL OFFICE,
LONDON.

DAILY WEATHER REPORTS

1ST JULY TO 31ST DECEMBER, 1918.

R5 50° 45° 40° 35°
 Scale 1:27102
 Nautical Miles
 Statute Miles

The names of the Stations which report by telegraph the Meteorological Office are printed in capitals.



DAILY WEATHER REPORT. APPENDIX I.

NORMAL VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE.

FOURTH QUARTER, OCTOBER TO DECEMBER.

(Issued as a Supplement to the Daily Weather Report of October 1st.)

OCTOBER.

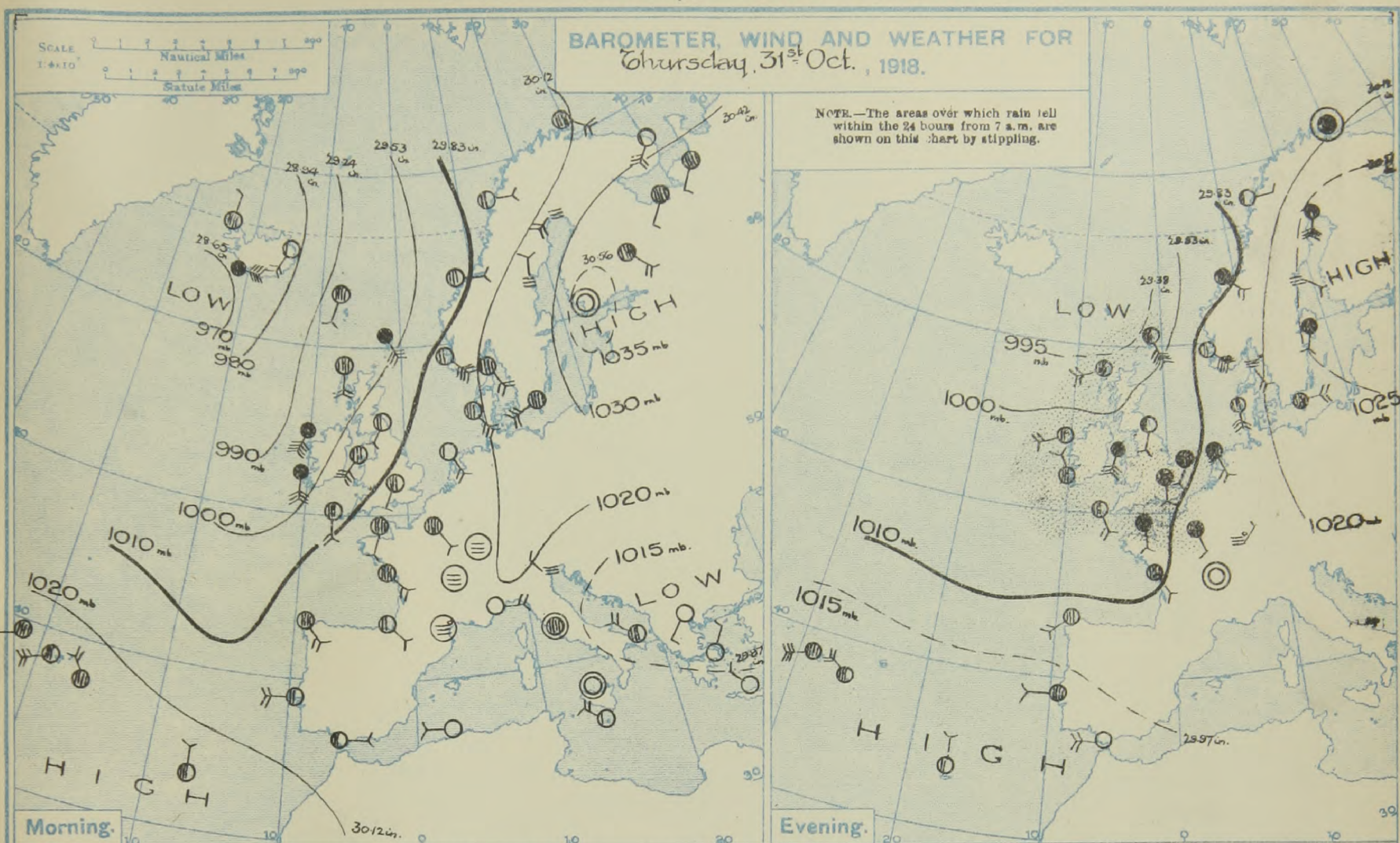
NOVEMBER.

DECEMBER.

| STATIONS. | PRESSURE | AIR TEMPERATURE. | | | | | | | | RAINFALL | | BRIGHT | |
|--------------------------|-----------------------------------------------------------|-----------------------|------------------------|------------------------|--------------------|----------------------------|----------|--------------------|-----------------------|-------------|----------------|----------------------------------------------|--|
| | 1906-1915. | Means of | | | Absolute Extremes. | | | | 1881-1915. | | SUNSHINE. | | |
| | 7 a.m. Obser- vations (re- duced to M.S. Level). | 1906-1915. | 1881-1915. | | 1881-1915. | | | | Days with Rain. | Total Fall. | Daily Mean. | Per Cen- tage of Possible Duration. | |
| | | Dry Bulb 7 a.m. | Daily Maxi- mum. | Daily Mini- mum. | Maximum. | | Minimum. | | | | | | |
| | | | | | Temp. | Year. | Temp. | Year. | | | | | |
| | mb. | °F. | °F. | °F. | | °F. | | mm. | in. | hr. | % | | |
| Lerwick | 1011.2 | 47.3 | 50.1 | 42.3 | 63 | 1908 | 28 | 1887 | 24 | 100 | 3.95 | — | |
| Stornoway | 1010.0 | 47.1 | 52.2 | 41.2 | 70 | 1898 | 27 | 1892 | 23 | 132 | 5.18 | 2.77 | |
| Castlebay (Barra Isd.) | [1011.6]§ | [50.5]§ | [53.6]§ | [47.7]§ | [63]§ | [1908]§ | [34]§ | [1909, 1913]§ | [20]§ | [86]§ | [3.39]§ | [2.55]§ | |
| Eskelemaur | [1014.4]¶ | [42.4]¶ | [51.5]¶ | [38.5]¶ | [65]¶ | [1910]¶ | [19]¶ | [1911]¶ | [15]¶ | [100]¶ | [3.93]¶ | [2.39]¶ | |
| Malin Head | 1009.3 | 49.3 | 53.2 | 45.6 | 73 | 1908 | 32 | 1892 | 20 | 75 | 2.95 | — | |
| Blackod Point | 1009.4 | 51.0 | 54.7 | 46.0 | 71 | 1908 | 29 | 1905 | 23 | 127 | 4.99 | — | |
| Valencia | 1010.2 | 51.2 | 56.4 | 46.6 | 71 | 1908 | 28 | 1892 | 22 | 142 | 5.57 | 3.26 | |
| Roche's Point | 1011.2 | 51.0 | 56.2 | 46.4 | 65 | 1884, 86, 1914, 15 | 32 | 1881 | 19 | 104 | 4.09 | — | |
| Birr Castle | 1010.7 | 46.8 | 55.0 | 40.7 | 74 | 1908 | 22 | 1905 | 18 | 74 | 2.91 | 3.16 | |
| Donaghadee | 1011.3 | 49.2 | 54.3 | 44.3 | 66 | 1898 | 21 | 1892 | 18 | 73 | 2.88 | — | |
| Liverpool (Observatory) | 1012.5 | 47.9 | 54.1 | 44.8 | 73 | 1908 | 27 | 1895 | 18 | 83 | 3.27 | [2.81]§ | |
| Holyhead | 1011.5 | 51.3 | 55.1 | 46.9 | 75 | 1908 | 32 | 1892 | 19 | 101 | 3.99 | [2.87]§ | |
| Pembroke (St. Ann's Hd.) | 1011.4 | 51.6 | 55.6 | 48.1 | 67 | 1908 | 33 | 1895 | 19 | 106 | 4.19 | 3.29 | |
| Scilly (St. Mary's) | 1011.3 | 53.2 | 57.5 | 50.1 | 69 | 1895 | 38 | 1895, 1896 | 21 | 93 | 3.66 | 3.81 | |
| Falmouth | 1012.5 | 51.0 | 56.3 | 47.7 | 67 | 1895 | 33 | 1895 | 21 | 126 | 4.06 | 3.74 | |
| Jersey (St. Aubin's) | 1013.3 | 53.4 | 59.0 | 49.1 | 76 | 1908 | 33 | 1887 | 20 | 116 | 4.55 | 4.06 | |
| Portland Bill | 1012.2 | 53.8 | 56.9 | 48.8 | [67]† | [1908]† | [35]† | [1905, 1908]† | 17 | 94 | 3.68 | — | |
| Dungeness | 1013.2 | 52.1 | 57.4 | 46.0 | 70 | 1886, 1908 | 23 | 1890 | 17 | 89 | 3.52 | — | |
| Dover | [1015.5]§ | [50.7]§ | [57.5]§ | [46.6]§ | [74]§ | [1908]§ | [30]§ | [1909]§ | [18]§ | [106]§ | [4.18]§ | [3.81]§ | |
| Wick | 1011.0 | 47.0 | 52.2 | 41.0 | 73 | 1898 | 22 | 1885 | 21 | 75 | 2.96 | — | |
| Nairn | 1010.9 | 44.2 | 53.1 | 39.0 | 76 | 1908 | 19 | 1896 | 19 | 60 | 2.35 | [3.20]‡ | |
| Aberdeen | 1012.2 | 46.6 | 52.8 | 41.7 | 74 | 1883 | 25 | 1880 | 20 | 76 | 3.00 | 3.06 | |
| Leith | 1011.9 | 47.7 | 54.8 | 42.1 | 75 | 1908 | 25 | 1894 | 17 | 61 | 2.41 | — | |
| Tynemouth | 1012.6 | 47.9 | 54.1 | 42.4 | 77 | 1908 | 27 | 1890, 92, 95, 1909 | 17 | 76 | 3.01 | — | |
| Spurn Head | 1012.8 | 50.7 | 54.6 | 45.9 | 70 | 1900 | 33 | 1887, 1895 | 17 | 61 | 2.40 | [2.68]§ | |
| Yarmouth | 1013.6 | 50.6 | 55.2 | 45.3 | 74 | 1900, 1908 | 27 | 1895 | 18 | 74 | 2.93 | [3.35]§ | |
| Clacton-on-Sea | 1013.7 | 51.0 | 55.7 | 45.7 | [71]‡ | [1908]‡ | [29]‡ | [1905]‡ | 14 | 49 | 1.91 | 3.01 | |
| Nottingham | 1013.3 | 46.6 | 55.3 | 41.7 | 78 | 1908 | 20 | 1890 | 19 | 63 | 2.49 | 2.68 | |
| LONDON (Kew Obsy.) | 1013.9 | 48.5 | 56.2 | 43.5 | 77 | 1886 | 25 | 1881, 1895 | 17 | 69 | 2.70 | 2.97 | |
| Lerwick | 1005.3 | 42.3 | 46.2 | 38.9 | 58 | 1901 | 24 | 1912 | 25 | 108 | 4.25 | 1.43 | |
| Stornoway | 1007.2 | 42.1 | 47.6 | 38.0 | 58 | 1897, 1901, 02 | 24 | 1912 | 24 | 148 | 5.83 | 1.43 | |
| Castlebay (Barra Isd.) | [1007.8]§ | [45.4]§ | [48.5]§ | [41.6]§ | [56]§ | [1914]§ | [28]§ | [1912]§ | [24]§ | [101]§ | [3.96]§ | [1.57]§ | |
| Eskelemaur | [1009.4]¶ | [37.6]¶ | [43.2]¶ | [32.1]¶ | [54]¶ | [1914]¶ | [6]¶ | [1912]¶ | [20]¶ | [154]¶ | [6.05]¶ | [2.55]¶ | |
| Malin Head | 1008.4 | 44.6 | 48.6 | 41.7 | 59 | [1894, 99, 1906]¶ | [30]¶ | [1909, 1912]¶ | [21]¶ | [83]¶ | [3.28]¶ | — | |
| Blackod Point | 1010.3 | 46.1 | 50.2 | 42.0 | 60 | [1897, 1899]¶ | [26]¶ | [1890]¶ | [24]¶ | [132]¶ | [5.21]¶ | — | |
| Valencia | 1012.4 | 46.3 | 52.0 | 42.9 | 63 | 1881 | 27 | 1890, 96, 1901 | 23 | 139 | 5.46 | 2.17 | |
| Roche's Point | 1013.0 | 45.5 | 51.4 | 42.5 | 61 | 1908, 1909 | 27 | 1890 | 19 | 107 | 4.20 | — | |
| Birr Castle | 1011.8 | 40.6 | 49.3 | 36.8 | 64 | 1912 | 17 | 1909 | 19 | 76 | 3.10 | 2.13 | |
| Donaghadee | 1010.4 | 43.7 | 49.4 | 40.1 | 60 | 1894, 1909 | 27 | 1883 | 19 | 77 | 3.04 | — | |
| Liverpool (Observatory) | 1011.6 | 42.5 | 48.5 | 40.2 | 61 | 1894, 95, 99 | 25 | 1901, 05, 15 | 18 | 64 | 2.50 | [2.27]§ | |
| Holyhead | 1011.3 | 46.3 | 50.2 | 42.9 | 62 | 1881 | 20 | 1915 | 19 | 105 | 4.14 | [2.50]§ | |
| Pembroke (St. Ann's Hd.) | 1012.2 | 46.7 | 51.1 | 43.9 | 60 | 1911 | 28 | 1890 | 20 | 97 | 3.80 | 2.17 | |
| Scilly (St. Mary's) | 1013.2 | 48.7 | 53.2 | 46.3 | 61 | 1898 | 29 | 1890 | 20 | 83 | 3.27 | 2.50 | |
| Falmouth | 1013.9 | 46.1 | 51.6 | 43.0 | 60 | 1895, 1897 | 23 | 1890 | 20 | 122 | 4.80 | 2.53 | |
| Jersey (St. Aubin's) | 1014.2 | 47.9 | 53.0 | 44.3 | 66 | 1892 | 16 | 1890 | 21 | 104 | 4.08 | 2.53 | |
| Portland Bill | 1012.7 | 47.7 | 51.7 | 44.3 | [61]† | [1900]† | [29]† | [1912]† | 14 | 66 | 2.58 | — | |
| Dungeness | 1012.2 | 44.4 | 50.7 | 40.7 | 63 | 1899 | 17 | 1890 | 16 | 70 | 2.75 | — | |
| Dover | [1012.9]§ | [42.7]§ | [48.9]§ | [38.6]§ | [60]§ | [1914]§ | [25]§ | [1911]§ | [16]§ | [78]§ | [3.07]§ | [2.90]§ | |
| Wick | 1006.6 | 41.5 | 46.9 | 37.0 | 62 | 1900 | 12 | 1909 | 20 | 80 | 3.14 | — | |
| Nairn | 1007.5 | 39.8 | 46.9 | 35.4 | 62 | 1906 | 12 | 1904 | 19 | 60 | 2.36 | [1.70]‡ | |
| Aberdeen | 1008.3 | 40.7 | 46.8 | 37.4 | 62 | 1889 | 19 | 1909 | 19 | 75 | 2.05 | 1.83 | |
| Leith | 1009.0 | 42.0 | 48.5 | 38.0 | 63 | 1885 | 18 | 1885 | 15 | 50 | 1.95 | — | |
| Tynemouth | 1009.9 | 41.8 | 48.4 | 38.1 | 62 | 1894 | 20 | 1912 | 16 | 54 | 2.13 | — | |
| Spurn Head | 1010.4 | 43.8 | 48.2 | 40.8 | 61 | 1894, 1895 | 28 | 1884 | 16 | 47 | 1.85 | [1.90]§ | |
| Yarmouth | 1011.6 | 43.3 | 48.5 | 39.6 | 60 | 1895, 98, 99, 1904 | 23 | 1890 | 18 | 61 | 2.41 | [2.33]§ | |
| Clacton-on-Sea | 1012.4 | 43.0 | 48.5 | 39.7 | [60]‡ | [1908]‡ | [25]‡ | [1904]‡ | 15 | 47 | 1.86 | 2.33 | |
| Nottingham | 1011.9 | 40.7 | 48.4 | 37.1 | 63 | 1895 | 13 | 1904 | 19 | 48 | 1.88 | 1.37 | |
| LONDON (Kew Obsy.) | 1013.2 | 41.9 | 49.1 | 38.8 | 52 | 1881, 94, 95 | 21 | 1901 | 16 | 56 | 2.22 | 1.73 | |
| Lerwick | 1000.9 | 40.4 | 43.6 | 36.6 | 53 | 1890, 1905 | 19 | 1909 | 27 | 122 | 4.79 | — | |
| Stornoway | 1000.9 | 40.3 | 44.4 | 35.4 | 55 | 1898, 1913 | 16 | 1912 | 26 | 159 | 6.25 | 0.74 | |
| Castlebay (Barra Isd.) | [1000.5]§ | [44.1]§ | [46.9]§ | [40.1]§ | [54]§ | [1912]§ | [26]§ | [1912]§ | [26]§ | [146]§ | [5.74]§ | [0.77]§ | |
| Eskelemaur | [1003.9]¶ | [36.7]¶ | [42.1]¶ | [31.0]¶ | [52]¶ | [1910, 12]¶ | [8]¶ | [1912]¶ | [26]¶ | [204]¶ | [8.04]¶ | [0.74]¶ | |
| Malin Head | 1001.6 | 42.3 | 45.7 | 38.6 | 55 | [1900, 04, 13]¶ | [28]¶ | [1906, 1909]¶ | [24]¶ | [85]¶ | [3.35]¶ | — | |
| Blackod Point | 1001.0 | 44.4 | 47.5 | 39.9 | 59 | [1899]¶ | [25]¶ | [1906]¶ | [26]¶ | [155]¶ | [6.12]¶ | — | |
| Valencia | 1005.8 | 45.4 | 49.8 | 41.1 | 57 | 1884, 88, 99, 1900 | 24 | 1886 | 26 | 169 | 6.64 | 1.32 | |
| Roche's Point | 1006.9 | 44.5 | 48.8 | 40.4 | 57 | 1906 | 25 | 1882 | 23 | 135 | 5.32 | — | |
| Birr Castle | 1005.2 | 40.5 | 46.1 | 35.0 | 58 | 1900 | 10 | 1882 | 21 | 84 | 3.29 | 1.39 | |
| Donaghadee | 1004.4 | 41.8 | 45.9 | 37.2 | 56 | 1885, 88, 94, 1909, 12, 13 | 21 | 1909 | 21 | 81 | 3.17 | — | |
| Liverpool (Observatory) | 1006.7 | 41.2 | 44.8 | 36.8 | 59 | 1891, 98, 1900 | 17 | 1882, 1890 | 19 | 67 | 2.65 | [1.39]§ | |
| Holyhead | 1005.8 | 44.5 | 46.9 | 39.9 | 56 | 1888 | 26 | 1890, 1902 | 20 | 106 | 4.16 | [1.77]§ | |
| Pembroke (St. Ann's Hd.) | 1006.9 | 45.5 | 48.1 | 41.3 | 57 | 1899, 1902 | 19 | 1890 | 22 | 115 | 4.52 | 1.35 | |
| Scilly (St. Mary's) | 1008.6 | 47.6 | 50.7 | 44.0 | 58 | 1899, 1900 | 30 | 1890 | 23 | 111 | 4.36 | 1.81 | |
| Falmouth | 1009.5 | 45.5 | 48.8 | 41.6 | 57 | 1899 | 25 | 1886, 1890 | 23 | 159 | 6.27 | 1.77 | |
| Jersey (St. Aubin's) | 1011.5 | 46.2 | 48.8 | 41.1 | 59 | 1898 | 22 | 1890 | 22 | 105 | 4.15 | 1.87 | |
| Portland Bill | 1009.1 | 46.5 | 48.1 | 41.2 | [56]† | [1906, 07, 13]† | [24]† | [1908]† | 19 | 75 | 2.94 | — | |
| Dungeness | 1009.5 | 43.2 | 46.2 | 37.1 | 56 | 1897, 98, 1900, 07 | 12 | 1890 | 17 | 70 | 2.77 | — | |
| Dover | [1010.2]§ | [42.4]§ | [46.7]§ | [38.4]§ | [54]§ | [1912, 14, 15]§ | [18]§ | [1908]§ | [21]§ | [105]§ | [4.12]§ | [1.45]§ | |
| Wick | 1001.3 | 39.3 | 43.6 | 34.3 | 58 | 1905, 1907 | 10 | 1906 | 22 | 78 | 3.08 | — | |
| Nairn | 1001.9 | 37.4 | 43.0 | 32.1 | 58 | 1900 | 8 | 1912 | 19 | 56 | 2.22 | [1.16]‡ | |
| Aberdeen | 1003.3 | 38.5 | 42.9 | 34.2 | | | | | | | | | |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20798. Friday, 1st November, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 31ST OCTOBER

| STATIONS. | | EVENING OF 30 TH | | | | | MORNING OF 31 ST | | | | | | | | | | MORNING OF 31 ST | | | | | | | |
|-----------|---------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|-----------------------------------------------------------------------------------------------------|--------|---------------------------|--------|----------|----------------|---------------------------------------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND. | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min | Dirac. | Change in 24 hours. | Dirac. | | Force 0-12. | |
| | | ° F. | | | | | | | ° F. | ° F. | | | | ° F. | ° F. | | | ° F. | ° F. | | | | | |
| RUSSIA. | Archangel ... | | | | | | | 1033.2 | +1 | 34 | +7 | WSW | 1 | 0 | 1 | * | * | Isafjord ... | 979.3 | 34 | -2 | N | 1 | 0 |
| | Petrograd ... | | | | | | | | | | | | | | | * | * | Reykjavik ... | 971.9 | 34 | -2 | E | 3 | bc |
| | Moscow ... | | | | | | | | | | | | | | | * | * | Vestmanna ... | 971.1 | 39 | ? | E | 9 | r |
| SWEDEN. | Hernösand ... | 1027.7 | 43 | - | 0 | f | | 1025.2 | * | 45 | +8 | N | 2 | f | * | * | * | Seydisfjord ... | 976.7 | 32 | 0 | SW | 4 | b |
| | Stockholm ... | 1030.3 | 46 | S | 2 | 0 | | 1035.9 | * | 46 | 0 | S | 2 | f | * | * | * | Thorshavn ... | 992.1 | 40 | 0 | SSW | 2 | 0 |
| | Wisby ... | 1030.9 | 46 | SW | 2 | m | | 1029.2 | * | 45 | -1 | SSE | 2 | c | * | * | * | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | |
| ITALY. | Venice ... | 1019.9 | 50 | - | 0 | b | | 1015.5 | * | 41 | +2 | NW | 1 | f | - | 54 | 39 | | | | | | | 1 ST & 2 ND Nov 1918. |
| | Turin ... | 1020.9 | 46 | - | 0 | 0 | | 1022.0 | * | 41 | -2 | - | 0 | f | ? | 54 | 37 | Yarmouth ... | ... | ... | G.M.T. | G.M.T. | G.M.T. | |
| | Pesaro ... | 1019.9 | 52 | NNE | 2 | 0 | | 1016.6 | * | 43 | -2 | - | 0 | b | - | 55 | 49 | | | | 6.50 | 11.37 | 4.24 | |
| | Leghorn ... | 1017.3 | 59 | - | 0 | b | | 1015.4 | * | 50 | +2 | - | 0 | 0 | ? | 59 | 46 | 6.52 | 11.37 | 4.22 | | | | |
| | Rome ... | 1018.6 | 50 | - | 0 | b | | 1017.4 | * | 46 | 0 | - | 0 | b | - | 57 | 45 | 6.55 | 11.44 | 4.33 | | | | |
| | Viesti ... | 1013.1 | 50 | NNW | 4 | 0 | | 1013.7 | * | 50 | 0 | NW | 2 | 0 | 1 | 57 | 50 | 6.57 | 11.44 | 4.31 | | | | |
| | Brindisi ... | 1014.1 | 59 | NW | 5 | bc | | 1014.1 | * | 55 | 0 | NW | 3 | c | - | 59 | 52 | 7.30 | 11.56 | 4.22 | | | | |
| | Cagliari ... | | | | | | | | * | | | | | | | | | 7.32 | 11.56 | 4.20 | | | | |
| | Palermo ... | 1017.9 | 59 | SSW | 3 | 0 | | 1019.0 | * | ? | ? | - | 0 | b | - | 64 | 54 | 7.37 | 12.25 | 5.13 | | | | |
| | Tripoli ... | | | | | | | | * | | | | | | | | | 7.39 | 12.25 | 5.11 | | | | |

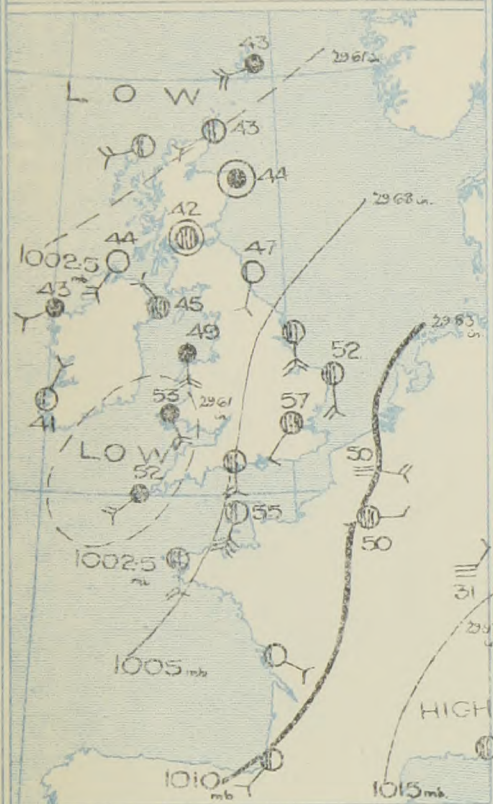
| LONDON 1 ST Nov.9h. G.M.T. | HUMIDITY. | | Sun- shine for 31 ST | 24 HOURS ENDED 9 h. 1 ST | | | | | | |
|-----------------------------------------------|------------------|-----------------|------------------------------------------|-------------------------------------------|------|------------------|----------------|----------|------------|---------|
| | 15 h. | 9 h. | | TEMPERATURE. | | | Rain- fall. | WEATHER. | | |
| | 31 ST | 1 ST | | Max. | Min. | Min on Grass. | | Morning. | Afternoon. | Night. |
| | % | % | Hours. | ° F. | ° F. | ° F. | mm. | | | |
| GREENWICH (Royal Observatory) | 91 | 91 | 0.2 | 59 | 52 | 45 | 1 | o | od. | od. |
| CITY (Banhill Row) | * | * | 0.0 | * | * | * | * | * | * | * |
| WESTMINSTER (St. James's Park) | | | 0.0 | 57 | 53 | 48 | 0.4 | * | * | * |
| " (Roof near Charing X) | 89 | 87 | 0.0 | 58 | 53 | * | 0.5 | mg and | o. dpo | o. dcom |
| CAMDEN SQ. (British Rainfall) | 83 | 88 | 0.0 | 57 | 52 | 45 | 0.3 | o | o | * |
| KENSINGTON PALACE | 88 | 86 | * | 56 | 52 | 48 | 1 | o | od | * |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|--------------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 31 ST ... | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 303 | 8.7 | 22 |

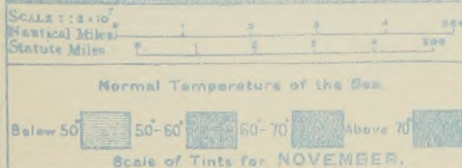
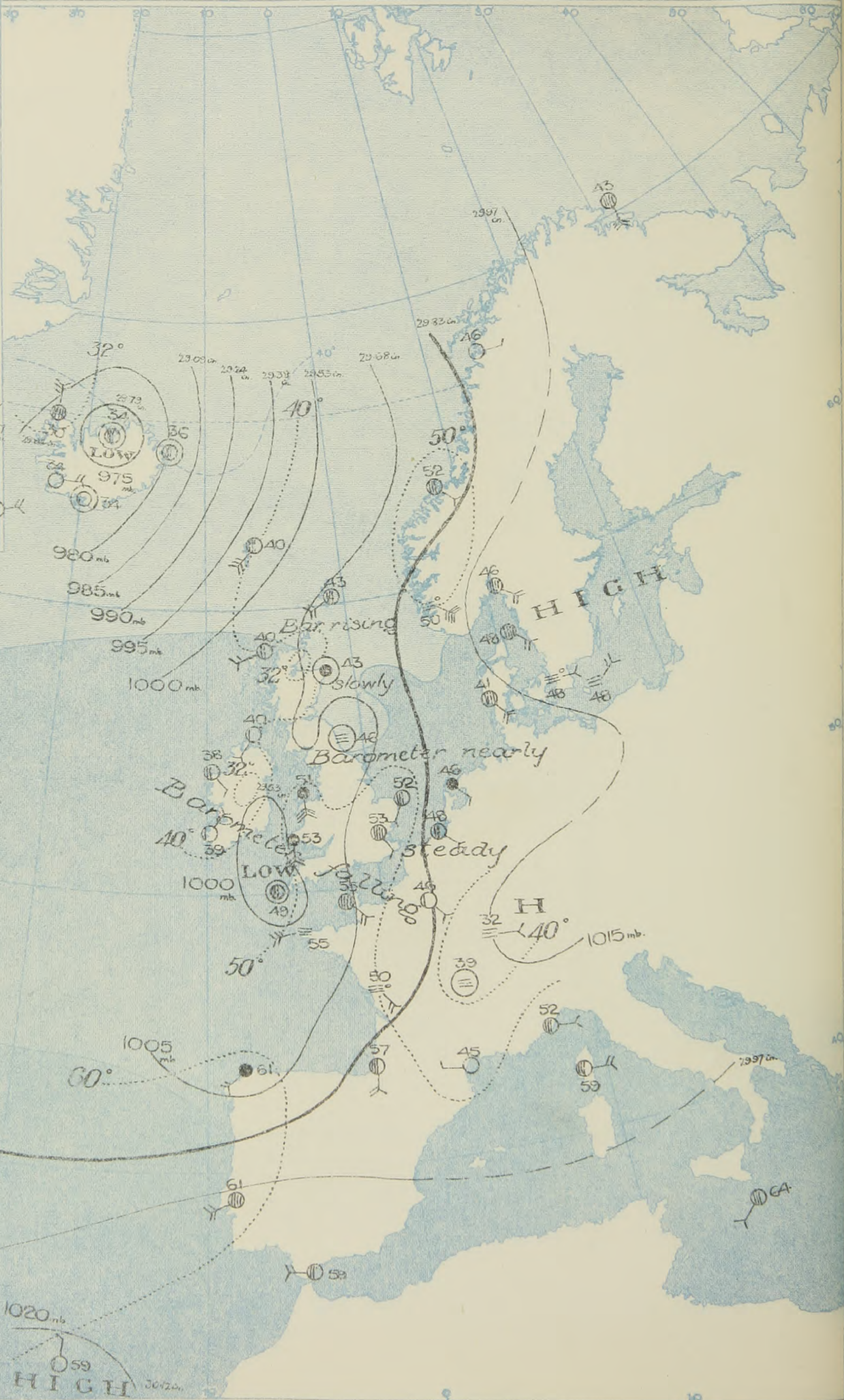
1ST, NOV, at 1h. G.M.T.

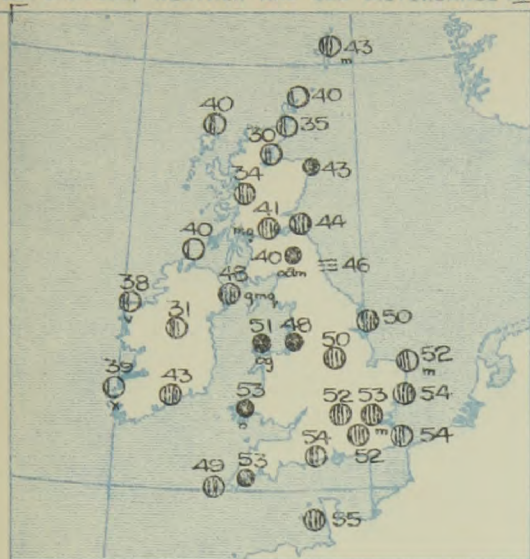
THE MORNING OF FRIDAY, 1ST NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.
WIND.—Direction is shown by arrows flying with the wind.
 Force, on the scale 0-12, is indicated by the number of feathers. Calm
TEMPERATURE.—Given in degrees Fahrenheit.
 Isotherms shown by dotted lines.
WEATHER.—Shown by the following symbols:—
 ☉ clear sky ☁ sky & clouded ☁☁ sky & clouded
 ☁☁☁ sky & clouded, overcast sky ☔ rain falling
 * snow, Δ hail, ≡ fog, ≡° mist, T, thunder.
 T, thunderstorm.
SEA DISTURBANCE.—Pough ~~~~~ High ~~~~~





NOTES.

STRICTLY CONFIDENTIAL.

Notes on the Weather of the 24 hours ended 7h. Today

Rain again fell in nearly all localities, the heaviest falls occurring in the west and north (Holyhead 26 mm). Bright sunshine was generally deficient, 4 to 5 hours at Orkney, Liverpool and Scilly being the highest records. At night temperature fell below freezing point at Nairn but on the whole weather continued mild.

The Conditions at 7h. Today

Pressure continues low in the westward and north-westward of the British Isles. A separate centre which has formed to the south of Ireland is travelling slowly eastward. Moderate Southerly winds are blowing over Southern England and a South-Westerly current persists to the north of Scotland. Elsewhere in the British Isles winds are light and variable. Rain is falling in the west of England and locally in the Low Countries.

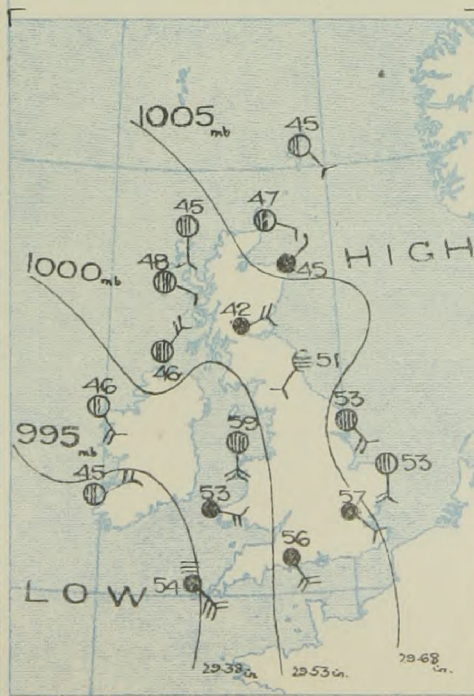
The Outlook

The depression in the south-west will probably cause rain over Southern England, Northern France and the Channel. Further developments are uncertain, but there are indications of a fresh depression off the west of Ireland. On the whole conditions are likely to remain unsettled.

H.N.

Friday, 1st

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



The depression in the south-west is becoming deeper but the position of the centre has not changed appreciably. The barometer is falling briskly at Valencia, but wind direction has not changed appreciably.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 305

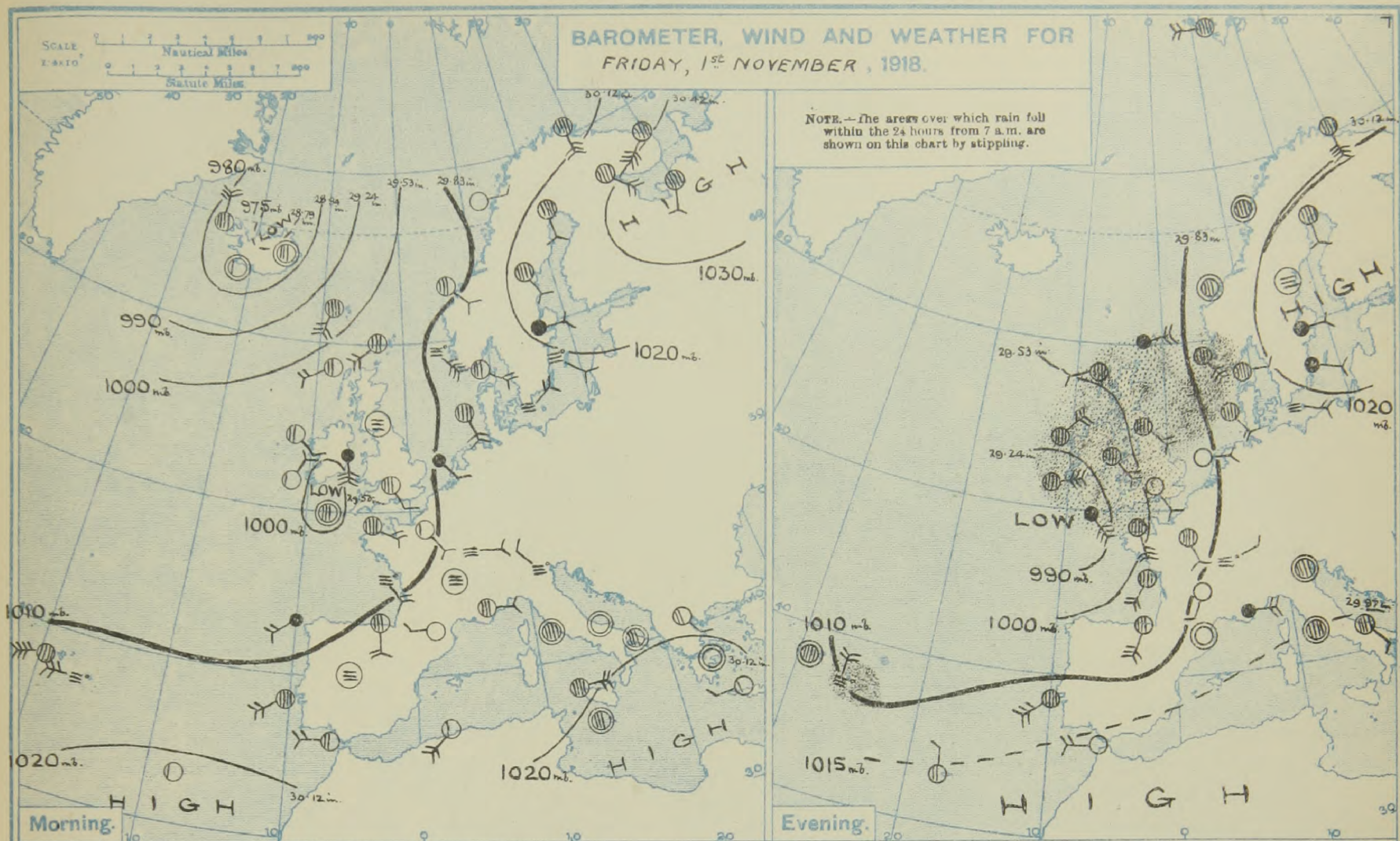
FRIDAY
1ST NOVEMBER.

| STATIONS. | EVENING OF 31 ST OCT. | | | | | MORNING OF 1 ST NOV. | | | | | | | | | | 24 HOURS ENDED 7 A.M. 1 ST NOV. | | | | | Sun- shine for 31 ST Hours. | |
|----------------------|---------------------------------------|-------------|--------|----------------|----------|---------------------------------------|--------------------------|--------------|---------------------------|-------|----------------|-------------------------------|----------|-------------|-------------------------------------|--------------------------------------------|------|----------|-----------------------------------|---------------------|----------------------------------------------------|-----|
| | Barom. Milli- bars at M.S.L. | Temp. | WIND. | | Weather. | Barom. Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | WIND. | | Dir. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | |
| | | | Dir. | Force 0-12. | | | | | | Dir. | Force 0-12. | | | | | Max. | Min. | Morning. | Afternoon. | Night. | | |
| BRITISH ISLANDS. | Lerwick | 997.0 | 48 | SSE | 9 | cmg | 1005.9 | +3 | 43 | -6 | WSW | 4 | — | cm | 3 | 8 | 49 | 40 | fqd | cmg | omr | 4.2 |
| | Deerness (Orkney) | 996.3 | 51 | S | 6 | ou | 1005.1 | * | 40 | -8 | SW | 2 | SW | b | 3 | 1 | 52 | 39 | b. bc | bc. c. o | orc. b | 0.0 |
| | Stornoway | 997.4 | 43 | WSW | 4 | cp | 1003.3 | +2 | 40 | -5 | WSW | 3 | — | bc | 3 | 13 | 51 | 36 | org | orc. b | bcp | 0.0 |
| | Castlebay (Barra Isd.) | 999.0 | 47 | WSW | 4 | bc | 1005.3 | +1 | 41 | -6 | E | 1 | — | omg | * | 5 | 52 | 41 | omg | omomr | ompom | 0.0 |
| | Glasgow | 1001.4 | 45 | W | 3 | omr | 1005.0 | +1 | 40 | -6 | NNE | 1 | — | adm | * | 11 | 50 | 39 | adm | o. adm | admor | 0.9 |
| | Eskdalemuir | 1002.2 | 46 | S | 6 | odm | 1003.0 | 0 | 40 | -9 | SSW | 2 | — | b. | 3 | 2 | 52 | 39 | omgr | bcp | bc | 0.3 |
| | Malin Head | 1001.1 | 44 | W | 3 | bc | 1002.5 | -2 | 38 | -12 | SE | 1 | S | b. cv | 3 | 1 | 50 | 37 | bcp | bc | bcp. bc | * |
| | Blacksod Point | 1001.7 | 44 | WSW | 3 | bc | 1001.7 | -3 | 39 | -14 | NE | 2 | N | bx | 3 | 6 | 53 | 34 | or. bc | bc. c | b. bx | 2.7 |
| | Valencia (Cahiriveen) | 1004.4 | 47 | NW | 2 | c | 1000.1 | * | 43 | -9 | WNW | 2 | — | o | 2 | 6 | 52 | 42 | r | r | o. bc. o | * |
| | Roche's Point | 1003.0 | 46 | WNW | 2 | r | 1002.0 | * | 31 | -19 | — | 0 | — | c | * | 3 | 51 | 30 | or | c | cfx | 0.0 |
| NORTHERN EUROPE. | Birr Castle | 1002.3 | 46 | W | 1 | c | 1003.6 | 0 | 48 | -1 | NE | 4 | — | ogmg | 3 | 2 | 54 | 44 | b. cmg | omgp | ompcl | * |
| | Donaghadee | 1000.8 | 47 | NW | 3 | omp | 1002.6 | -1 | 48 | +3 | SE | 3 | — | r | 1 | 54 | 45 | b. bc | bc | omp | 4.6 | |
| | Liverpool (Bidston) | 1004.2 | 49 | SSE | 2 | c | 1000.5 | -2 | 49 | -5 | SSE | 5 | — | ogr | 4 | 26 | 55 | 47 | cq. bcg | cq. ogr | ogr | 1.4 |
| | Holyhead | 1002.0 | 51 | SSW | 6 | ogr | 1000.2 | 0 | 53 | -1 | S | 4 | — | or | 4 | 10 | 55 | 52 | bcg | bcg. c | o. opt | 3.4 |
| | Pembroke (St. Ann's) | 1004.2 | 54 | S | 4 | c | 1005.1 | +3 | 35 | -13 | W | 2 | — | bc | 3 | — | 52 | 34 | b. cmg | ompq | omg. bc | * |
| | Hartland Quay | 1002.3 | 46 | SW | 1 | dgo | 1004.2 | * | 30 | -14 | — | 0 | — | b. c | 1 | 1 | 55 | 30 | bcg | q. c | d. bc | 2.3 |
| | Wick | 997.2 | 52 | SSW | 5 | ompq | 1006.0 | +3 | 43 | -6 | — | 0 | — | or | 2 | 5 | 53 | 43 | b. bcg | b. c. o | or | 3.0 |
| | Nairn | 998.7 | 46 | SW | 1 | dgo | 1004.3 | +1 | 44 | -1 | SSW | 1 | — | om | 1 | 1 | 54 | 44 | c. bcg | b. c. o | og. o | * |
| | Aberdeen | 1000.5 | 52 | SSE | 4 | o | 1004.1 | 0 | 46 | -1 | — | 0 | — | f | 2 | — | 54 | 45 | b. cm | b. cm | b. mf | * |
| | Leith | 999.7 | 52 | SW | 2 | c | 1006.0 | -0 | 50 | -2 | S | 4 | — | om | 3 | — | 53 | 50 | c | cv | c. om | 1.9 |
| FRANCE, &c. | Tynemouth | 1003.3 | 50 | SSW | 2 | b. cm | 1009.0 | -1 | 52 | 0 | SSW | 2 | — | cm | 3 | 0.4 | 58 | 51 | o. cm | b. o. cm | om. cm | 1.6 |
| | Spurn Head | 1007.0 | 51 | SSW | 1 | cv | 1008.0 | 0 | 54 | +1 | SSE | 3 | — | o | 2 | 0.3 | 54 | 53 | og. cm | cm. bc. o | og. pm | 1.0 |
| | Yarmouth (Gorleston) | 1009.5 | 52 | SW | 2 | o | 1005.4 | * | 50 | -1 | S | 1 | S | o | * | 0.1 | 55 | 46 | c. o | b. c. c | c. o | 2.4 |
| | Clacton-on-Sea | 1009.4 | 54 | S | 3 | og | 1004.9 | 0 | 52 | +4 | SSE | 3 | — | o | * | 2 | 56 | 48 | bc | bc | o. r. o | * |
| | Nottingham | 1007.0 | 51 | S | 1 | c | 1006.7 | -0 | 52 | +2 | SE | 2 | — | om | * | 3 | 55 | 50 | adm. o | ordm | udrom | 0.1 |
| | Benson (Oxon.) | 1007.6 | 52 | SSW | 2 | o | 1005.6 | -1 | 50 | +3 | SSE | 2 | S | c | * | 1 | 55 | 46 | od. c. o | od. o | od. bc. b | * |
| | St. Farnborough | 1008.3 | 52 | SSE | 3 | odm | 1006.7 | +1 | 53 | +2 | SSE | 1 | — | om | * | 2 | 57 | 51 | cm. o. c | c. o. r. om | om. o. m. d. om | 0.1 |
| | Salisbury Plain | 1007.5 | 51 | SSE | 2 | od | 1011.5 | 0 | 46 | +9 | S | 5 | — | o | * | 3 | 39 | 32 | THE BEAUFORT SCALE OF WIND FORCE. | | | |
| | London (Kew Obs.) | 1008.4 | 53 | S | 2 | om | 1011.5 | 0 | 46 | 0 | E | 1 | — | b | 1 | ? | 50 | 45 | | | | |
| | IBERIA, &c. | Spitsbergen | 1019.9 | 39 | — | 0 | o | 1017.6 | 0 | 43 | +9 | S | 5 | — | o | 3 | * | 39 | 32 | Limits of Velocity. | | |
| Vardö | | 1014.7 | 50 | E | 1 | b | 1012.0 | -0 | 50 | +2 | SE | 7 | — | m | — | — | 50 | 46 | | | | |
| Bodö | | 1014.7 | 50 | E | 1 | b | 1018.6 | -0 | 46 | -2 | SE | 4 | NW | o | 3 | — | 48 | 46 | No. | | | |
| Christiansund | | 1008.7 | 54 | SE | 3 | o | 1016.8 | -1 | 48 | 0 | ESE | 3 | — | o | 3 | — | 50 | 46 | | | | |
| Skudesnaes | | 1012.0 | 48 | SE | 8 | bc | 1014.4 | +1 | 41 | 0 | SSE | 4 | — | o | * | — | 46 | 39 | Statute miles per hour. | | | |
| Færder (Xania Fjord) | | 1021.2 | 46 | SE | 5 | o | 1017.2 | +1 | 48 | +2 | E | 2 | — | m | * | — | 48 | 43 | | | | |
| The Scaw (Skagen) | | 1019.9 | 48 | SSE | 4 | m | 1015.9 | -1 | 48 | +3 | ENE | 3 | — | f | 0 | — | 48 | 43 | Metres per second. | | | |
| Blaavands Huk | | 1015.7 | 43 | SSE | 5 | c | 1010.6 | -2 | 57 | +5 | S | 3 | * | c | 4 | — | 70 | 55 | | | | |
| Copenhagen | | 1020.6 | 46 | ESE | 3 | o | 1009.9 | -0 | 46 | +3 | SE | 2 | — | b | * | 4 | 54 | 43 | Less than 1 | | | |
| Bornholm | | 1020.7 | 48 | E | 4 | o | 1015.8 | * | 32 | 0 | E | 2 | * | f | * | — | 50 | 32 | | | | |
| MEDITERRANEAN. | The Helder | 1011.5 | 48 | SSE | 3 | o | 1013.1 | * | 39 | +5 | — | 0 | * | f | * | — | 55 | 34 | Less than 0.3 | | | |
| | C. Gris Nez | 1010.3 | 54 | SSW | 3 | o | 1014.1 | 0 | 52 | +4 | E | 2 | * | c | * | — | 59 | 48 | | | | |
| | La Hève | 1006.6 | 54 | SSW | 2 | o | 1011.1 | +2 | 45 | +4 | W | 1 | — | b | * | — | 59 | 48 | 1-8 | | | |
| | Brest (St. Mathieu) | 1007.2 | 54 | NW | 4 | c | 1014.9 | +2 | 59 | +2 | E | 3 | * | c | 6 | — | 64 | 48 | | | | |
| | Rochefort (Ile d'Aix) | 1009.6 | 55 | SE | 2 | o | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 4-7 | | | |
| | Biarritz | 1009.6 | 55 | SE | 2 | o | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | |
| | Paris | 1012.8 | 52 | SSE | 1 | o | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 13-18 | | | |
| | Belfort | 1010.3 | 54 | SSW | 3 | o | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | |
| | Lyons | 1013.5 | 48 | — | 0 | b | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 19-24 | | | |
| | Nice | 1014.1 | 0 | — | 0 | b | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | |
| Perpignan | 1011.1 | 2 | — | 0 | b | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 25-31 | | | | |
| Sanguinaire | 1015.8 | 59 | ? | 2 | c | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | | |
| MEDITERRANEAN. | Corunna | 1011.1 | 63 | SW | 3 | c | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 32-38 | | | |
| | Madrid | 1017.2 | 59 | W | 2 | o | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | |
| | Lisbon | 1017.2 | 59 | W | 2 | o | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 39-46 | | | |
| | Azores (Horta) | 1019.8 | * | WSW | 6 | o | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | |
| | „ (P. Delgada) | 1019.8 | * | WNW | 4 | c | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 47-54 | | | |
| | Madeira | 1018.1 | 66 | N | 2 | bc | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | |
| | Gibraltar | 1016.6 | 60 | W | 4 | b | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 55-63 | | | |
| | Palma | 1016.6 | 60 | W | 4 | b | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | |
| | Algiers | 1019.7 | 75 | NNW | 4 | bc | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 64-75 | | | |
| | Malta | 1014.6 | 81 | N | 2 | c | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | |
| Salonica | 1017.3 | 79 | — | 0 | b | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 76-83 | | | | |
| Athens | 1014.0 | 82 | — | 0 | b | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | | |
| Candia | 1016.2 | 72 | — | 0 | b | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 84-91 | | | | |
| Limassol | 1017.1 | 75 | NNW | 4 | bc | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | | |
| Alexandria | 1017.3 | 73 | N | 3 | W | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 92-99 | | | | |
| Cairo (Helwan) | 1014.0 | 82 | — | 0 | b | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | | |
| Jerusalem | 1016.2 | 72 | — | 0 | b | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | 100-107 | | | | |
| Ramleh | 1014.0 | 82 | — | 0 | b | 1012.4 | -3 | 66 | +3 | WSW | 7 | * | o | 5 | — | 68 | 66 | | | | | |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,799

SATURDAY, 2ND NOVEMBER, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 1ST NOVEMBER.

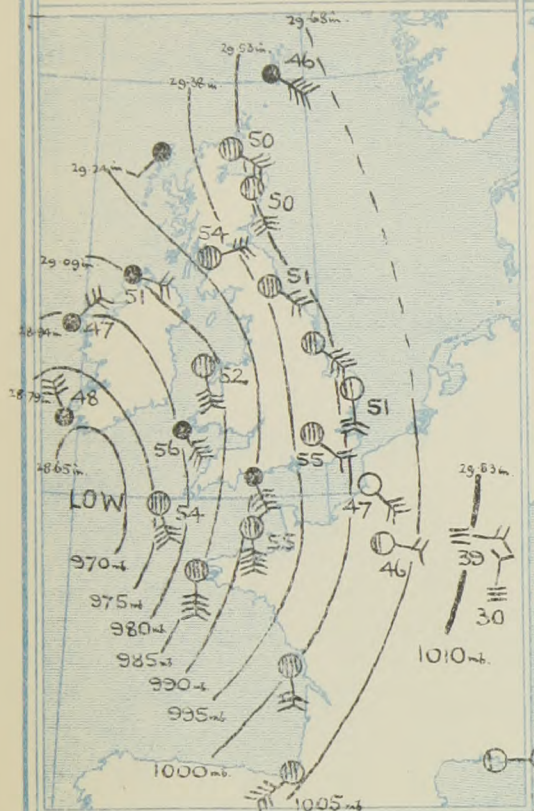
| STATIONS. | | EVENING OF 31 ST | | | | | MORNING OF 1 ST | | | | | | | | | | MORNING OF 1 ST | | | | | | | |
|---------------|-----|---------------------------------------|-------|----------------|---|----------|-----------------------------|--------------------------|--------------|---------------------------|----------------|-----|-------------------------------------|-------|-------|----------|---------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------|----------------|------|----------|--------|---------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | | |
| | | | | Force 0-12. | | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Force 0-12. | | | Max. | Min | | | Dry Bulb. | Change in 24 hours. | Force 0-12. | | | | |
| RUSSIA. | | | ° F. | | | | | | ° F. | ° F. | | | | | ° F. | ° F. | | | ° F. | ° F. | | | | |
| Archangel ... | ... | | | | | | | 1034.3 | 0 | 39 | +5 | SSW | 2 | 0 | - | * | * | Isafjord ... | 979.9 | 30 | -4 | N | 5 | 0 |
| Petrograd ... | ... | | | | | | | | | | | | | | | | | Reykjavik | 976.7 | 34 | 0 | E | 3 | b |
| Moscow ... | ... | | | | | | | | | | | | | | | * | * | Vestmanna | 978.4 | 34 | -5 | - | 0 | b |
| SWEDEN. | | 1024.8 | 45 | SE | 2 | f | | 1023.8 | * | 45 | 0 | SSE | 2 | 0 | * | * | * | Seydisfjord | 979.4 | 36 | +4 | - | 0 | c |
| Hernösand ... | ... | 1026.7 | 45 | SSW | 2 | 0 | | 1028.0 | * | 46 | 0 | E | 2 | r | * | * | * | Thorshavn | 997.0 | 40 | 0 | SSW | 5 | 0 |
| Stockholm ... | ... | 1024.8 | 46 | SE | 2 | 0 | | 1018.6 | * | 49 | +4 | ESE | 2 | m | * | * | * | | | | | | | |
| Wisby ... | ... | | | | | | | | | | | | | | | | | | | | | | | |
| ITALY. | | ? | 46 | - | 0 | f | | 1015.0 | * | 43 | +2 | WNW | 1 | m | - | 48 | 41 | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | |
| Venice ... | ... | 1015.1 | 46 | - | 0 | bc | | 1015.7 | * | 46 | +5 | - | 0 | 0 | - | 54 | 41 | 2 ND & 3 RD NOV. 1918. | | | | Sunrise. | Noon. | Sunset. |
| Turin ... | ... | ? | 52 | - | 0 | bc | | 1016.1 | * | 45 | +2 | - | 0 | 0 | - | 57 | 41 | | | | | G.M.T. | G.M.T. | G.M.T. |
| Pesaro ... | ... | 1013.9 | ? | ? | ? | bc | | 1013.9 | * | 59 | +9 | - | 0 | 0 | - | ? | ? | Yarmouth ... | ... | { | 6.52 | 11.37 | 4.22 | |
| Leghorn ... | ... | 1016.1 | 54 | - | 0 | b | | 1017.1 | * | 45 | -1 | - | 0 | 0 | - | 61 | 43 | Greenwich ... | ... | { | 6.54 | 11.37 | 4.20 | |
| Rome ... | ... | 1019.7 | 50 | NW | 4 | 0 | | 1017.9 | * | 55 | +5 | - | 0 | b | 8 | 57 | 50 | Wick ... | ... | { | 6.57 | 11.44 | 4.31 | |
| Viesti ... | ... | 1017.2 | 52 | - | 0 | 0 | | 1019.0 | * | 55 | 0 | - | 0 | c | - | 55 | 50 | Valencia ... | ... | { | 6.59 | 11.44 | 4.29 | |
| Brindisi ... | ... | | | | | | | 1016.6 | * | 59 | ? | NW | 3 | c | - | 75 | 52 | | | { | 7.32 | 11.56 | 4.20 | |
| Cagliari ... | ... | 1018.1 | 59 | ENE | 3 | 0 | | 1019.0 | * | 64 | ? | E | 4 | 0 | - | 70 | 54 | | | { | 7.35 | 11.56 | 4.17 | |
| Palermo ... | ... | | | | | | | 1023.1 | * | 57 | ? | SSE | 1 | b | trace | 99 | 52 | | | { | 7.39 | 12.25 | 5.11 | |
| Tripoli ... | ... | | | | | | | | | | | | | | | | | | | { | 7.41 | 12.25 | 5.9 | |

| LONDON | | | | 24 HOURS ENDED 9 h. 2 ND NOV. | | | | | | | | | | SOUTH KENSINGTON (M.O.) | | |
|---------------------------------|--|------|--|------------------------------------------|-----------------|--------------------------------------|--------------|----------|--------------------|----------------|----------|------------|---------|------------------------------------------------------------------------------------------|---------------------------|------------------------|
| 2 ND Nov. 9h. G.M.T. | | | | HUMIDITY. | | Sun-shine for 1 ST Hours. | TEMPERATURE. | | | Rain-fall. mm. | WEATHER. | | | Vertical Component of Solar Radiation per square Centimetre during 1 ST | | |
| 15 h. | | 9 h. | | 1 ST | 2 ND | | Max. °F. | Min. °F. | Min. on Grass. °F. | | Morning. | Afternoon. | Night. | Total. Joules. | Average Rate. Milliwatts. | Max. Rate. Milliwatts. |
| 81 | | 77 | | 0.1 | | | 57 | 50 | 42 | 3 | 0 | od | op | 123 | 6.4 | 13 |
| * | | * | | 0.0 | | | * | * | * | * | * | * | * | | | |
| * | | * | | 0.0 | | | 59 | 52 | 45 | 2.6 | * | * | * | | | |
| 81 | | 78 | | 0.0 | | | 59 | 53 | * | 2.5 | ome | bc b | bc or q | | | |
| 78 | | 73 | | 0.0 | | | 58 | 51 | 43 | 3 | 0 | 0 | * | | | |
| 78 | | 73 | | * | | | 58 | 52 | 45 | 3.2 | c | c. bc | * | | | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

2ND, NOV, at 1h. G.M.T.

THE MORNING OF SATURDAY, 2ND NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.

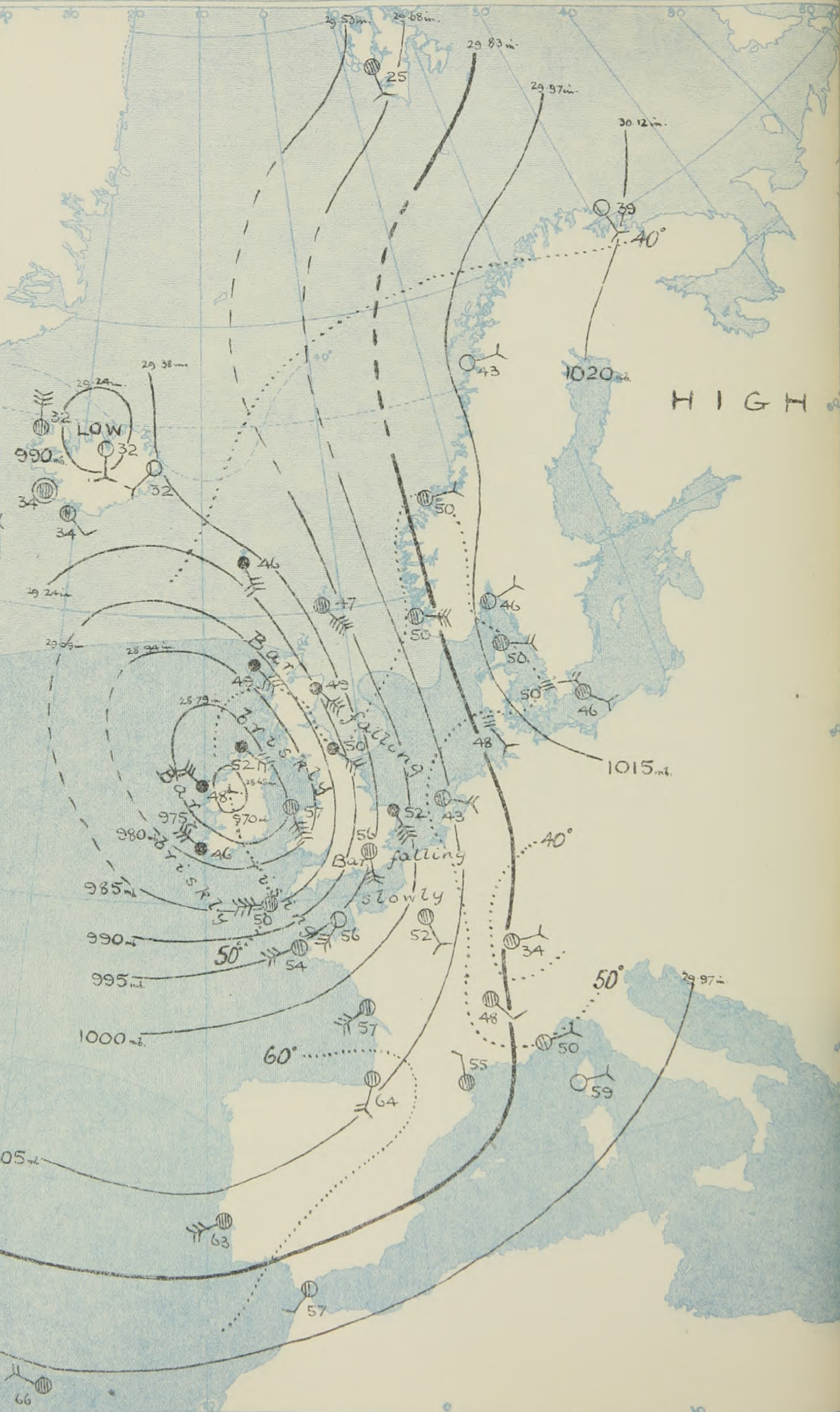
Force, on the scale 0-12, is indicated by the number of feathers. Calm.

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

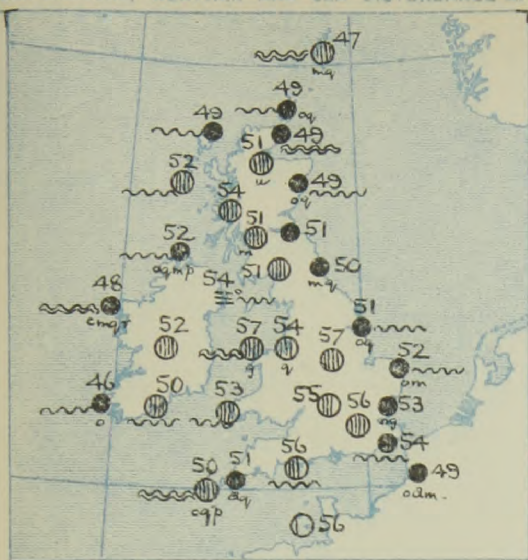
WEATHER.—Shown by the following symbols:—

- clear sky.
- sky & clouded.
- sky & clouded.
- sky & clouded.
- overcast sky.
- rain falling.
- * snow.
- △ hail.
- ≡ fog.
- ≡ mist.
- T, thunder.

SEA DISTURBANCE.—Rough. Higher.



SEAFICK
Sole 16.2
Extreme
WINDHEAD
SSE 8.2
REMBROKE
SSE 8.2
S 8.2
RALLY
W 3.5A
BARNSEY
SSE 8.2
SUSSEX
SSE 8.2



NOTES.

LERWICK

Gale 1h. to 7h. (2nd)
Extreme SE. 11 7h.

HOLYHEAD

SSE. 8 a 7h. (2nd)

FEMBROKE

SSE. 8 a 2h. (2nd)
S. 8 a 7h. (-)

SCILLY

W. 8, 5h. - 6h. (2nd)

GUERNSEY

SSW 9 a 20h. (1st)

SALISBURY

Gale 2h. to 5h. (2nd)

PORTLAND BILL

Gale (SSE. to SSW)
from 22h. (1st)

WICK

SE. 8 from 6h. (2nd)

ABERDEEN

Gusts 21 metres
per sec a 7h. (2nd)

LOUGH FOYLE

Gale 1h. to 7h. (2nd)

SSE. 9 a 2h.

WHIDDY ISLAND

Extreme WNW. 9
at 7h. (2nd)

STRICTLY CONFIDENTIAL.

Notes on the Weather of the 24 hours ended 7h. Today

Heavy rain occurred during the night in the west and south-east, the total precipitation for the day reaching 31 mm. at Falmouth. About 3 hours sunshine occurred in the north of Scotland and South-West Ireland, but elsewhere there was little or none. Air temperature remained relatively high.

The Conditions at 7h. Today.

Having increased rapidly in depth and intensity, the depression which was centred near Scilly yesterday, has moved northwards and now lies over Ireland. Numerous gales from SE.-S. have occurred on all coasts, except the west of Scotland and the Southern North Sea area. The wind has veered to NW. in the west of Ireland and the barometer is now rising rapidly over the south-western districts. Rain is falling in all parts of the British Isles. Another depression is centred off the north of Iceland, and pressure is low as far south as the Azores, and Madeira.

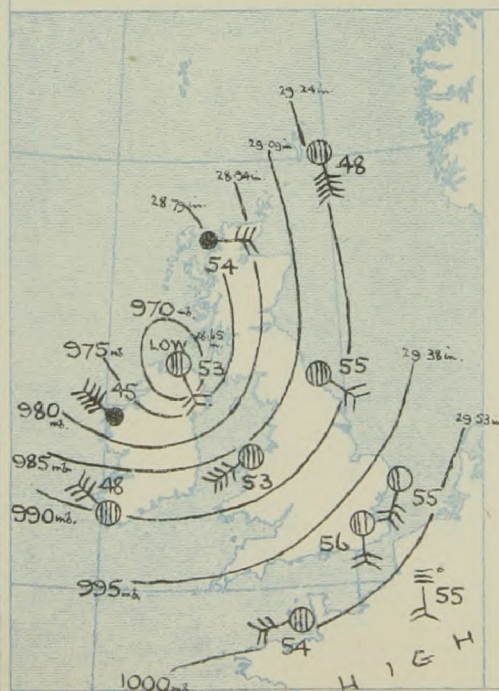
The Outlook

The depression will probably move north or north-eastward and at its present rate of movement will have reached the north of Scotland by tomorrow morning. Winds will probably become Westerly to North-Westerly generally. Heavy rain will fall in the northern districts today, but a general improvement tomorrow is indicated.

N.H.

SATURDAY, 2ND

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



The depression is moving northward and is now centred near Malin Head.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. NOV. 2ND NOVEMBER.

| STATIONS | | EVENING OF 1 ST | | | | | MORNING OF 2 ND | | | | | | | | | | 24 HOURS ENDED 7 h. 2 ND | | | | | | | Sun- shine for 1 ST |
|----------------------|-------------------------|---------------------------------------|--------------|-------|----------------|----------|-------------------------------------------|--------------------------|---------------------|---------------------------|-------|----------------|-------------------------------|----------|-------------|-------------------------------------|-------------------------------------------|-----------|------------|------------|-----------|--------|--|-----------------------------------------|
| | | Barom. Milli- bars at M.S.L. | Temp. °F. | WIND. | | Weather. | Barometer. Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. °F. | Change in 24 hours. | WIND. | Force 0-12. | Dir. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | | |
| | | | | Dir. | Force 0-12. | | | | | | | | | | | | Max. | Min. | Morning. | Afternoon. | Night. | | | |
| | | | | | | | | | | | | | | | | | | | | | | Hours. | | |
| BRITISH ISLANDS. | Lerwick | 1007.4 | 44 | ENE | 4 | omr | 996.3 | -4 | 47 | +4 | SE | 9 | - | omg | 7 | 4 | 48 | 41 | bcm | bcp | omrg | 3.3 | | |
| | Deerness (Orkney) | 1000.3 | 47 | ESE | 3 | or | 991.5 | * | 49 | +9 | SE | 7 | - | org | 6 | 3 | 49 | 40 | b. bc | bc. cor | org | 3.0 | | |
| | Stornoway | 1001.2 | 44 | WSW | 2 | o | 983.1 | -10 | 49 | -9 | SE | 6 | - | r | 5 | 5 | 51 | 35 | bc c | c. o | odpor | 2.7 | | |
| | Castlebay (Barra Isd.) | 999.0 | 45 | ENE | 3 | o | 976.6 | -7 | 52 | ? | E | 4 | - | o | 6 | 19 | 52 | 42 | bc o | o. c. o | oro | 0.0 | | |
| | Glasgow | 999.7 | 46 | ENE | 3 | omd | 983.0 | -9 | 51 | +10 | E | 4 | - | om | * | 9 | 52 | 41 | om. omr | romdp | ompg | 0.0 | | |
| | Eskdalemuir | 1000.4 | 50 | SSE | 3 | omr | 983.9 | -8 | 51 | +11 | SE | 6 | - | o | * | 14 | 51 | 39 | odm. om | orm | omc. op | 0.4 | | |
| | Malin Head | 994.4 | 46 | NE | 3 | or | 971.5 | -10 | 52 | +12 | SE | 5 | - | ompg | 5 | 7 | 52 | 40 | cg | or | omgp | * | | |
| | Blacksod Point | 993.2 | 45 | NE | 5 | og | 970.5 | -7 | 48 | +10 | NW | 5 | - | cmgr | 7 | 6 | 56 | 38 | b. o | bc | ogmr | 2.8 | | |
| | Valencia (Cabrillo Is.) | 985.7 | 45 | ENE | 6 | o | 979.4 | +11 | 46 | +7 | NW | 6 | - | or | 0 | 19 | 50 | 39 | b. bc c | cvq | oro | * | | |
| | Roche's Point | 986.6 | 52 | ESE | 4 | dm | 973.7 | * | 50 | +7 | W | 4 | - | o | 5 | 18 | 53 | 43 | dm | adm | ro | 0.0 | | |
| | Birr Castle | 990.3 | 46 | NE | 1 | r | 970.7 | * | 52 | +21 | S | 1 | - | o | * | 14 | 55 | 30 | or | o. rom | oro | 0.0 | | |
| | Donaghadee | 996.2 | 52 | S | 5 | omrg | 975.0 | -8 | 54 | +6 | SE | 7 | - | omgp | 6 | 21 | 54 | 42 | ogmr | omrg | ofgp | 0.0 | | |
| | Liverpool (Bidston) | 997.1 | 54 | ESE | 5 | o | 979.9 | -6 | 54 | +6 | SE | 7 | S | og | 6 | 6 | 57 | 48 | p. om | p. c. o | ogr | 0.0 | | |
| | Holyhead | 995.0 | 54 | SE | 3 | og | 975.0 | -5 | 57 | +8 | SSE | 8 | SE | og | 7 | 12 | 60 | 48 | ogrog | ogrog | ogrg | 0.0 | | |
| | Pembroke (St. Ann's) | 991.8 | 54 | ESE | 5 | og | 977.7 | +4 | 53 | 0 | S | 8 | - | og | 6 | 28 | 57 | 52 | orop | ogpu | ogrp | 0.0 | | |
| | Hartland Quay | | | | | | | | | | | | | | | | | | | | | * | | |
| | Scilly (St. Mary's) | 986.0 | 52 | SE | 6 | rm | 985.0 | +12 | 50 | +1 | W | 7 | W | ogp | 7 | 16 | 54 | 49 | cdf | frgm | ogb | 0.0 | | |
| | Falmouth | 989.7 | 54 | SE | 6 | rg | 985.8 | +15 | 51 | -2 | SW | 7 | - | odg | * | 31 | 56 | 50 | dqog | cgogr | rgog | 0.1 | | |
| | Jersey (St. Aubin) | 999.4 | 58 | SSE | 5 | og | 995.2 | * | 56 | +1 | SW | 5 | SW | b | 4 | 1 | 58 | 54 | a. c. b. o | og | ogp. b | 0.5 | | |
| | Portland Bill | 997.8 | 57 | SSE | 5 | o | 989.7 | +6 | 56 | +2 | SSW | 8 | SW | cg | 6 | 8 | 58 | 54 | cp | cp | cg | * | | |
| | Dungeness | 1003.5 | 55 | SSE | 4 | b | 996.9 | -2 | 54 | 0 | S | 5 | - | r | 5 | 1 | 57 | 53 | cp c | c. b | b. bc. or | * | | |
| Wick | 1002.8 | 47 | ESE | 3 | omr | 991.3 | -9 | 49 | +14 | SE | 8 | - | r | 7 | 2 | 51 | 35 | bc c | c. omr | omrg | 1.6 | | | |
| Nairn | 1001.9 | 41 | - | 0 | odg | 985.6 | * | 51 | +21 | SE | 3 | - | o | 3 | 4 | 53 | 30 | b. c. d | pr. d. o | ogu | 0.0 | | | |
| Aberdeen | 1003.3 | 49 | SE | 2 | orm | 991.2 | -8 | 49 | +6 | SE | 7 | - | org | 5 | 9 | 52 | 43 | a. dm | odm. gr | omrg | 0.0 | | | |
| Leith | 1000.7 | 50 | SE | 1 | r | 984.2 | -5 | 51 | +7 | SE | 4 | - | r | 4 | 7 | 54 | 44 | omr. o | odemr | roegr | * | | | |
| Tynemouth | 1002.8 | 52 | SE | 3 | omg | 988.6 | -11 | 50 | +6 | SE | 5 | - | rmg | 4 | 5 | 53 | 46 | f | omp | omg | * | | | |
| Spurn Head | 1004.0 | 52 | SE | 4 | od | 992.2 | -5 | 51 | +1 | SSE | 7 | - | ogr | 6 | 4 | 53 | 50 | o | od | ogr | 0.0 | | | |
| Yarmouth (Gorleston) | 1006.6 | 52 | SE | 4 | bc | 999.4 | -3 | 52 | 0 | SSE | 7 | - | omr | 6 | 0.2 | 55 | 51 | cm | cm. bcm | b. bc. om | 2.0 | | | |
| Clacton-on-Sea | 1004.6 | 54 | ESE | 4 | bc | 997.2 | -3 | 53 | -1 | SSE | 4 | - | ogr | 4 | 1 | 54 | 52 | a. c. ogp | ogc. bc | b. ogr | 0.0 | | | |
| Nottingham | 1001.8 | 54 | SE | 3 | c | 988.9 | * | 57 | +7 | SSE | 6 | S | o | * | 4 | 57 | 49 | o | or. c | c. o | 0.0 | | | |
| Benson (Oxon.) | 1000.7 | 52 | SE | 4 | bc | 990.0 | -1 | 55 | +3 | S | 6 | S | c | * | 10 | 58 | 51 | or | bc | bc. oro | * | | | |
| Sth Farnborough | 1001.8 | 53 | SE | 4 | c | 992.3 | -1 | 56 | +4 | SSW | 7 | - | og | * | 12 | 57 | 52 | or. om | a. bc c | c. b. or | 0.5 | | | |
| Salisbury Plain | 999.6 | 53 | SSE | 4 | or | 994.1 | +1 | 51 | +1 | S | 5 | SW | o | * | 17 | 57 | 49 | c. odpo | c. bc. od | od. or | * | | | |
| London (Kew Obsy.) | 1002.1 | 53 | SE | 2 | b | 993.3 | -1 | 56 | +3 | S | 5 | - | o | * | 4 | 58 | 52 | om. o. pm | opm. o. b | b. bc. oro | 0.4 | | | |
| NORTHERN EUROPE. | Spitsbergen | 1016.3 | 12 | W | 4 | o | 1000.6 | -1 | 25 | ? | S | 2 | * | o | * | 12 | 3 | | | | | | | |
| | Vardö | 1016.8 | 43 | S | 7 | o | 1019.3 | +1 | 39 | -4 | S | 2 | - | b | 3 | * | 43 | 32 | | | | | | |
| | Bodö | 1016.0 | 45 | - | 0 | o | 1015.8 | 0 | 43 | -3 | E | 2 | - | b | 2 | - | 46 | 43 | | | | | | |
| | Christiansund | 1013.3 | 52 | - | 0 | c | 1012.2 | -2 | 50 | -2 | E | 2 | - | c | 2 | - | 54 | 50 | | | | | | |
| | Skudesnaes | 1012.6 | 50 | SSE | 6 | o | 1009.7 | -2 | 50 | 0 | ESE | 6 | - | c | 5 | - | 50 | 48 | | | | | | |
| | Færder (X'ianla Fjord) | 1019.4 | 46 | ENE | 2 | o | 1017.5 | -0 | 46 | 0 | ENE | 2 | - | bc | 1 | 1 | 48 | 46 | | | | | | |
| | The Scaw (Skagen) | 1017.0 | 48 | E | 1 | o | 1015.7 | +1 | 50 | +2 | ESE | 3 | - | o | 3 | - | 50 | 46 | | | | | | |
| | Blaavands Huk | 1015.7 | 46 | SSE | 3 | o | 1011.7 | -2 | 48 | +7 | SSE | 2 | - | f | * | trace | 48 | 39 | | | | | | |
| | Copenhagen | 1016.3 | 50 | ENE | 2 | o | 1016.6 | +1 | 50 | +2 | ESE | 3 | - | m | * | - | 50 | 48 | | | | | | |
| | Bornholm | 1015.5 | 48 | ESE | 3 | f | 1017.6 | +2 | 46 | -2 | SE | 2 | - | o | 0 | - | 50 | 46 | | | | | | |
| FRANCE, &c. | The Helder | 1009.1 | 48 | E | 2 | b | 1004.8 | -2 | 43 | -3 | ESE | 3 | SW | c | 1 | - | 52 | 41 | | | | | | |
| | C. Gris Nez | 1005.1 | 50 | SE | 4 | b | 999.0 | -1 | 52 | 0 | SSE | 5 | * | o | 3 | 1 | 55 | 50 | | | | | | |
| | La Hève | 1003.3 | 57 | SSE | 4 | o | 998.6 | -2 | 57 | +7 | ENE | 5 | * | o | 4 | - | 61 | 50 | | | | | | |
| | Brest (St. Mathieu) | 998.9 | 55 | S | 5 | c | 996.0 | +10 | 54 | -1 | WSW | 5 | * | r | 9 | 57 | 46 | | | | | | | |
| | Rochefort (Ile d'Aix) | 1004.3 | 57 | SSW | 4 | o | | | | | | | | | | | | | | | | | | |
| | Biarritz | 1005.0 | 64 | SSW | 5 | c | 1003.8 | +1 | 64 | +7 | SSW | 3 | * | c | * | - | 64 | 57 | | | | | | |
| | Paris | 1007.3 | 52 | SSE | 2 | o | 1003.4 | -0 | 52 | +6 | SSE | 2 | - | o | * | - | 57 | 46 | | | | | | |
| | Belfort | | | | | | 1012.6 | * | 34 | +2 | E | 2 | * | c | * | - | 48 | 32 | | | | | | |
| | Lyons | 1010.7 | 52 | SSW | 1 | b | 1009.6 | * | 48 | +9 | - | 0 | * | o | * | - | 59 | 43 | | | | | | |
| | Nice | 1012.3 | 50 | E | 4 | r | 1012.4 | +0 | 50 | -2 | E | 2 | * | bc | - | 55 | 46 | | | | | | | |
| Perpignan | 1010.4 | 54 | - | 0 | b | 1008.4 | 0 | 55 | +10 | N | 1 | * | o | * | - | 63 | 45 | | | | | | | |
| Sanguinaire | | | | | | 1011.5 | +1 | 59 | 0 | E | 2 | * | b | - | 64 | 48 | | | | | | | | |
| IBERIA, &c. | Corunna | | | | | | | | | | | | | | | | | | | | | | | |
| | Madrid | | | | | | | | | | | | | | | | | | | | | | | |
| | Lisbon | 1013.1 | 63 | SW | 5 | o | 1005.5 | -4 | 63 | +2 | WSW | 5 | - | o | 6 | 1 | 64 | 61 | | | | | | |
| | Azores (Horta) | 1013.6 | * | - | 0 | o | 1013.6 | -1 | 68 | +2 | NW | 4 | * | c | 3 | 7 | 68 | 61 | | | | | | |
| | „ (P. Delgada) | 1010.1 | * | N | 4 | m | 1012.8 | -1 | 62 | -4 | W | 4 | * | m | 4 | 1 | 66 | 59 | | | | | | |
| | Madeira | 1017.3 | 66 | N | 1 | bc | 1015.3 | -2 | 66 | +7 | WNW | 3 | NW | o | 2 | - | 68 | 59 | | | | | | |
| Gibraltar | 1017.6 | 61 | W | 3 | b | 1013.9 | * | 57 | -2 | SW | 1 | * | bc | 0 | - | 70 | 56 | | | | | | | |
| Palma | | | | | | | | | | | | | | | | | | | | | | | | |
| MEDITERRANEAN. | Algiers | | | | | | | | | | | | | | | | | | | | | | | |
| | Malta | | | | | | | | | | | | | | | | | | | | | | | |

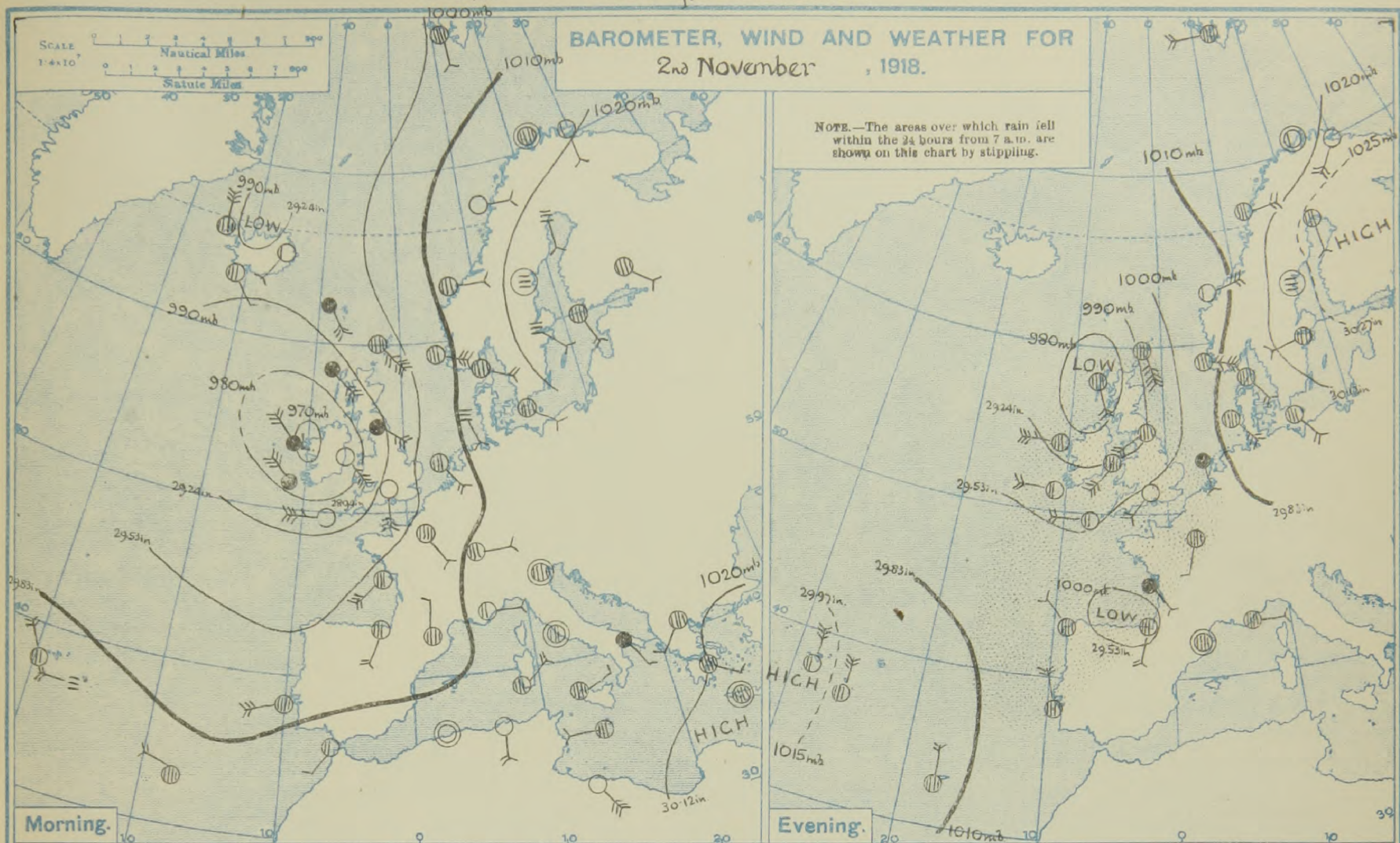
THE BEAUFORT SCALE OF WIND FORCE.

| No. | Limits of Velocity. | |
|-----|-------------------------|--------------------|
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0.3 |
| 1 | 1-3 | 0.3-1.5 |
| 2 | 4-7 | 1.6-3.3 |
| 3 | 8-12 | 3.4-5.4 |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20800...

Sunday, 3rd November, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 2ND NOVEMBER.

| STATIONS. | | EVENING OF. 1 ST | | | | | MORNING OF. 2 ND | | | | | | | | | | MORNING OF. 2 ND | | | | | | |
|-----------|---------------|------------------------------------|---------------|--------|----------------|----------|-----------------------------|--------------------------|----------------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|--------------------------------------------------------------------------------------------------|-------|----------------------|---------------------------|--------|----------------|----------|
| | | Barom. Milli- bars at M.S.L. | TEMP. ° F. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | Barom. Milli- bars at M.S.L. | TEMP. | | WIND. | | | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. ° F. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. ° F. | Change in 24 hours. | Dirac. | Force 0-12. | Weather. |
| RUSSIA. | Orlov ... | | | | | | | | | | | | | | | | | | | | | | |
| | Kem ... | | | | | | | | | | | | | | | | | | | | | | |
| | Archangel ... | | | | | | | | | | | | | | | | | | | | | | |
| | Mesen... | | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | | | | | | | | | | | | | | | | | | | | | | |
| | Hernösand ... | 1022.7 | 45 | - | 0 | f | 1024.8 | | 41 | ? | 6 | 2 | f | | | | | | | | | | |
| | Stockholm ... | 1020.4 | 46 | ENE | 2 | f | 1023.4 | * | 45 | 0 | - | 0 | f | * | * | * | | | | | | | |
| | Wisby ... | 1019.7 | 48 | ESE | 2 | f | 1022.6 | * | 46 | 0 | SE | 2 | f | * | * | * | | | | | | | |
| | Sordövala ... | | | | | | 1022.0 | * | 48 | -1 | SE | 2 | o | * | * | * | | | | | | | |
| | Hangö ... | | | | | | 1029.6 | * | 41 | ? | SE | 2 | o | * | * | * | | | | | | | |
| ITALY. | Venice ... | 1013.7 | 50 | - | 0 | o | 1012.9 | * | 48 | +5 | - | 0 | o | - | 54 | 43 | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | |
| | Turin ... | 1013.4 | 48 | - | 0 | o | 1013.8 | * | 46 | 0 | - | 0 | o | - | 54 | 43 | 3 RD & 4 TH NOV. 1918. | | | | | | |
| | Pesaro ... | 1014.1 | 54 | - | 0 | f | 1013.4 | * | 50 | +5 | - | 0 | f | - | 61 | 41 | Sunrise. Noon. Sunset. | | | | | | |
| | Leghorn ... | 1012.5 | 59 | - | 0 | o | 1011.1 | * | 57 | -2 | - | 0 | bc | - | 64 | 54 | G.M.T. G.M.T. G.M.T. | | | | | | |
| | Rome ... | 1016.0 | 55 | - | 0 | o | 1013.5 | * | 54 | +9 | - | 0 | c | - | 57 | 52 | Yarmouth ... | | | | | | |
| | Viesti ... | 1015.9 | 57 | SE | 1 | o | 1012.5 | * | 65 | 0 | SE | 1 | bc | - | 61 | 48 | Greenwich ... | | | | | | |
| | Brindisi ... | 1018.7 | 59 | SE | 2 | c | 1013.8 | * | 57 | +2 | SE | 1 | r | - | ? | ? | Wick ... | | | | | | |
| | Cagliari ... | | | | | | 1014.6 | * | 66 | +7 | NE | 3 | c | 1 | 77 | 59 | Valencia ... | | | | | | |
| | Palermo ... | 1016.3 | 63 | ESE | 2 | o | 1016.9 | * | 63 | -1 | ENE | 1 | o | - | 73 | 61 | | | | | | | |
| | Tripoli ... | | | | | | 1019.5 | * | 63 | +6 | SE | 6 | b | 6 | 63 | 57 | | | | | | | |

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

| 3 RD & 4 TH NOV. 1918. | | Sunrise. | Noon. | Sunset. |
|----------------------------------------------|--|----------|--------|---------|
| | | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | | 6.54 | 11.37 | 4.20 |
| Greenwich ... | | 6.56 | 11.37 | 4.18 |
| Wick ... | | 6.59 | 11.44 | 4.19 |
| Valencia ... | | 7.1 | 11.44 | 4.27 |
| | | 7.35 | 11.56 | 4.17 |
| | | 7.38 | 11.56 | 4.14 |
| | | 7.41 | 12.25 | 5.4 |
| | | 7.43 | 12.25 | 5.4 |

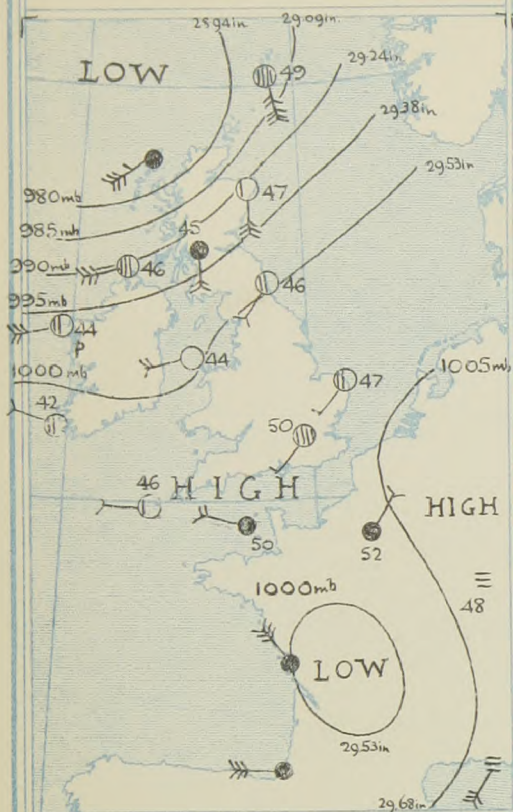
| LONDON | | Humidity. | | Sunshine for | | TEMPERATURE. | | | Rain-fall. | | WEATHER. | | |
|---------------------------------|--|-----------|------|-----------------|-----------------|--------------|------|---------------|------------|----|----------|------------|--------|
| 3 RD Nov. 9h. G.M.T. | | 15 h. | 9 h. | 2 ND | 3 RD | Max. | Min. | Min. on Grass | mm. | | Morning. | Afternoon. | Night. |
| GREENWICH (Royal Observatory) | | 70 | 93 | 0.1 | | 59 | 45 | 37 | 3 | 0 | 0 | 0 | 0 |
| CITY (Banhill Row) | | * | * | 0.0 | | * | * | * | * | * | * | * | * |
| WESTMINSTER (St. James's Park) | | ? | ? | 0.0 | | 58 | 47 | 42 | 3 | * | * | * | * |
| (Roof near Charing Cross) | | 78 | 95 | 0.0 | | 59 | 47 | * | 2 | cg | bcg.bc | bcg | bcg |
| CAMDEN SQ. (British Rainfall) | | 79 | 99 | 0.0 | | 58 | 50 | 40 | 3 | 0 | 0 | 0 | * |
| KENSINGTON PALACE | | 72 | 93 | * | | 57 | 46 | 39 | 3 | 0 | bc | bc | * |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 2 ND | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 30 | 8.9 | 2.2 |

3rd, NOV, at 1h. G.M.T.

THE MORNING OF Sunday, 3rd NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER—Isobars are drawn for intervals of five millibars.

WIND—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers. Calm.

TEMPERATURE—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER—Shown by the following symbols:—

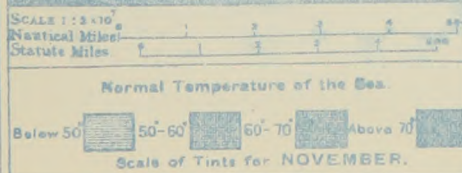
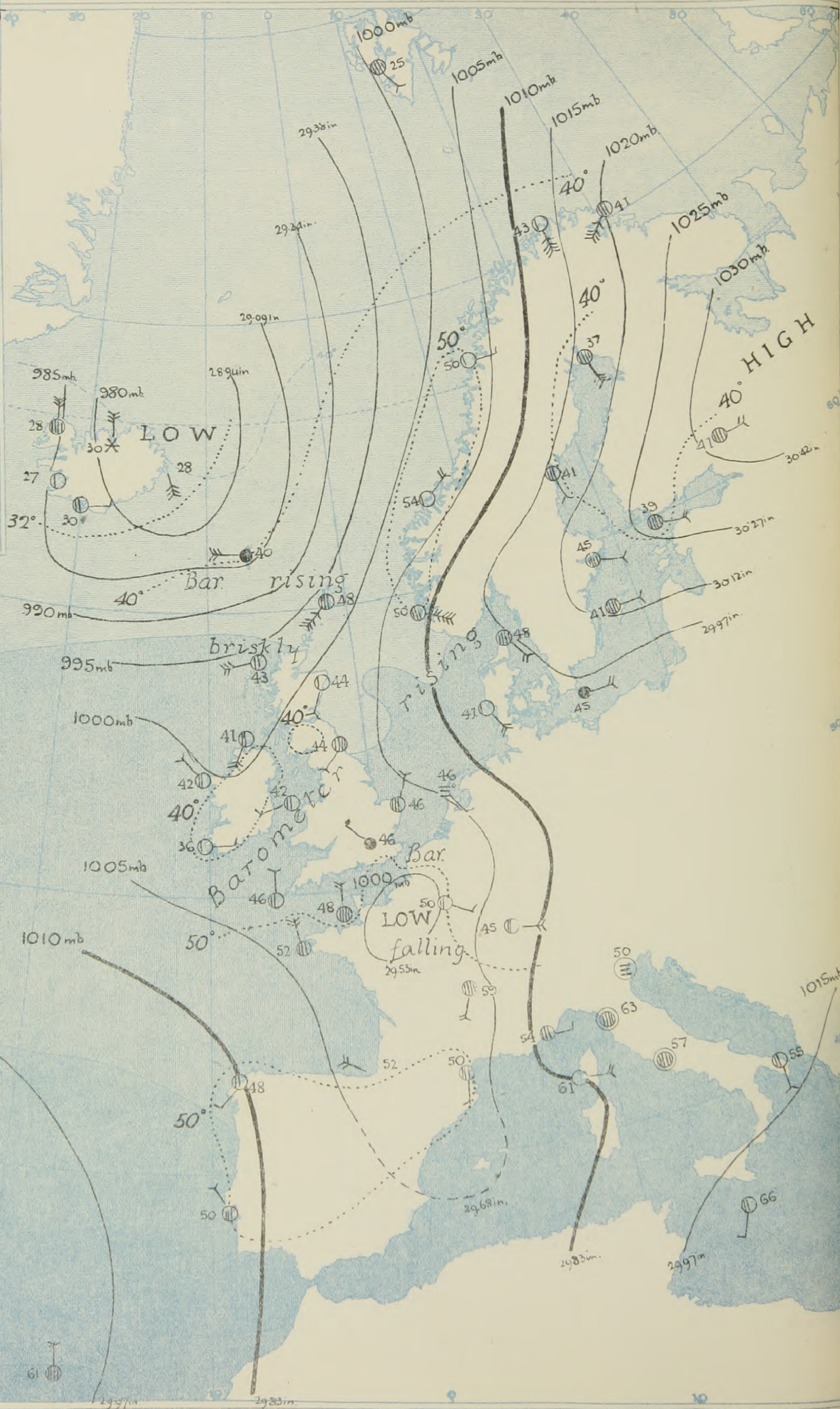
○ clear sky. ○ sky & clouded. ○ sky & clouded.

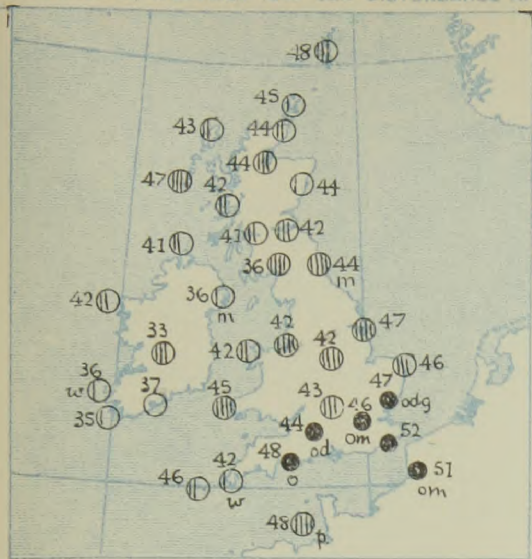
○ sky & clouded. ○ overcast sky. ● rain falling.

✱ snow. ▲ hail. ≡ fog. ○ mist. T, thunder.

K, thunderstorm.

SEA DISTURBANCE—Rough. High.





NOTES

Notes on the Weather of the 24 hours ended 7h. Today

In many localities the afternoon temperature was from 55° to 59° , but Shetland and the west of Ireland failed to reach 50° . Most of the night minima were above 40° , as high as 51° at Holyhead. Few places escaped rain, but generally the measurements were small. About the Mouth of the Channel from three to five hours of sunshine was registered, elsewhere little or none.

The Conditions at 7h. Today

The depression which was over Ireland yesterday has passed to northward of the Farøe. Winds continue strong from SW, in the extreme north of the British Isles, where the barometer is now rising rapidly. A fresh depression has moved up from the Bay of Biscay and now lies over Northern France. Winds are freshening from NE, in South-East England, and rain is falling generally over SE. England and NE. France.

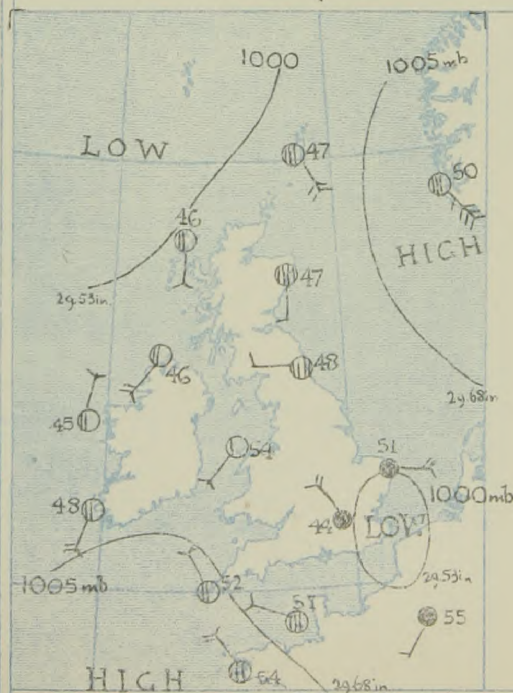
Anticyclonic conditions prevail over North Russia, Finland, Eastern Scandinavia and the Eastern Baltic.

Later (13h.) The depression is now centred over the Straits of Dover, and is deepening as it moves northward. The rain area has extended considerably and now includes eastern England south of Spurn Head, and a great part of France. There are indications of a fresh depression off South Ireland.

H.H.

Sunday, 3rd

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



R. G. K. LEMPFFERT, C.B.E., Supt. Forecast Divn.

H.G. LYONS, Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No 307.

SUNDAY
20 NOVEMBER.

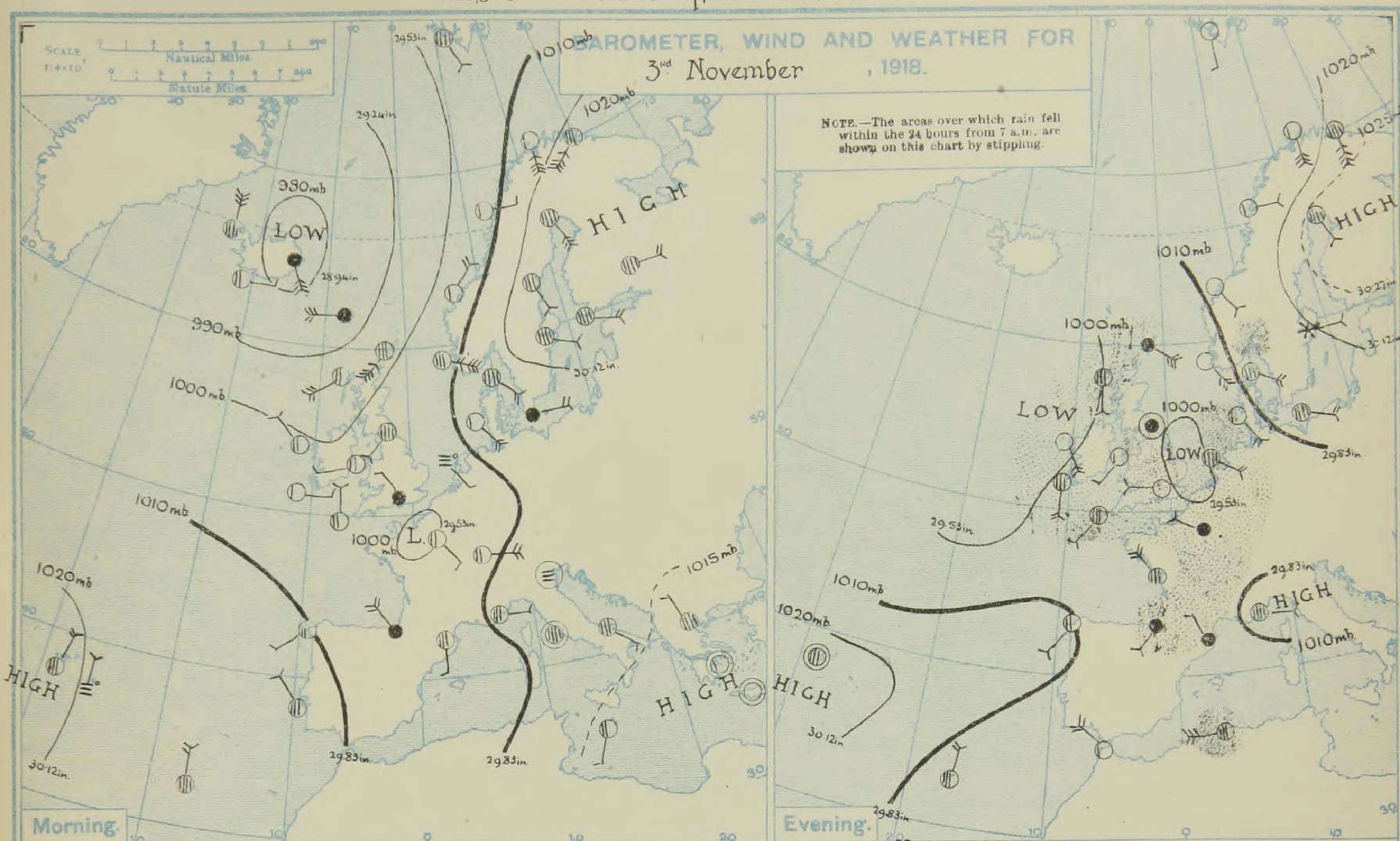
| STATIONS. | EVENING 2 nd | | | | | MORNING 3 rd | | | | | | | | | | 24 HOURS ENDED 7 h 30 ^{pm} | | | | | | Sun- shine for 2 nd Hours. | |
|---------------------------|---------------------------------------|--------------|--------|----------------|----------|---------------------------------------|--------------------------|--------------|---------------------------|-------|----------------|-------------------------------|----------|-------------|-------------------------------------|-------------------------------------------|-------|----------|------------|--------|----------|---------------------------------------------------|--|
| | Barom. Milli- bars at M.S.L. | Temp. °F. | WIND. | | Weather. | Barom. Milli- bars at M.S.L. | Change in 8 hours. | TEMP. | | WIND. | | Dir. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | | |
| | | | Dir. | Force 0-12. | | | | Dry Bulb. | Change in 24 hours. | Dir. | Force 0-12. | | | | | Max. | Min. | Morning | Afternoon. | Night. | | | |
| BRITISH ISLANDS. | Lerwick ... | 984.4 | 48 | SSE | 9 | omg | 995.5 | +14 | 48 | +1 | SW | 8 | - | omg | 6 | 2 | 49 | 44 | omg | omg | omg | 0.0 | |
| | Deerness (Orkney) ... | 981.0 | 52 | SE | 8 | o | 997.6 | + | 45 | -4 | SW | 5 | - | b | 5 | 7 | 52 | 45 | omg | omg | o.c.b.c. | 0.0 | |
| | Stornoway ... | 997.3 | 54 | SSE | 4 | o | 996.7 | +11 | 43 | +6 | WSW | 5 | - | bc | 4 | 7 | 54 | 43 | o | o | o.b.c. | 0.1 | |
| | Castlebay (Barra Isd.) ... | 975.2 | 52 | SE | 5 | r | 998.1 | +8 | 47 | -5 | SW | 4 | - | o | 4 | 6 | 53 | 45 | o | r | r.o. | 0.0 | |
| | Glasgow ... | 982.0 | 50 | SSW | 5 | omg | 1002.3 | +6 | 41 | -11 | SSW | 3 | S | bc2 | 3 | 3 | 56 | 41 | o | cugom. | o.d.b.c. | 1.6 | |
| | Eskdalemuir ... | 985.7 | 46 | S | 7 | omg | 1003.9 | +5 | 36 | -15 | - | 0 | - | o | 7 | 53 | 36 | o.o.o. | o.o.o. | omg | 0.0 | | |
| | Malin Head ... | 977.1 | 48 | W | 6 | omg | 999.5 | +4 | 41 | -11 | SSW | 4 | SW | bc | 5 | 2 | 54 | 40 | cq | omg | bc | 0.1 | |
| | Blacksod Point ... | 989.6 | 46 | W | 7 | bc | 1000.9 | +4 | 42 | -6 | NW | 2 | W | bc | 3 | 6 | 46 | 40 | omg | omg | bc | 0.0 | |
| | Valencia (Cahirciveen) ... | 996.9 | 47 | W | 4 | bc | 1004.0 | +2 | 36 | -10 | E | 1 | NW | bc | 3 | 4 | 49 | 35 | r.o. | o.c. | b.b.c. | 0.2 | |
| | Roche's Point ... | 996.6 | 46 | W | 1 | b | 1002.8 | +2 | 37 | -13 | WNW | 1 | - | b | 3 | 1 | 51 | 36 | r.o. | o.b. | bc | 0.0 | |
| | Birr Castle ... | 992.2 | 45 | SW | 1 | o | 1003.1 | + | 33 | -19 | S | 1 | - | c | 2 | 2 | 52 | 33 | o | o | ex | 0.0 | |
| | Donaghadee ... | 984.0 | 47 | SW | 5 | omg | 1001.3 | +4 | 36 | -18 | SW | 3 | - | bc | 3 | 2 | 55 | 36 | omg | omg | o.b.c. | 0.0 | |
| | Liverpool (Bidston) ... | 993.2 | 50 | SW | 4 | bc | 1003.7 | +3 | 42 | -12 | SSE | 1 | - | o | 1 | - | 55 | 42 | bc | bc | omg | 0.9 | |
| | Holyhead ... | 990.9 | 49 | SW | 6 | og | 1003.0 | +3 | 42 | -15 | WSW | 1 | - | bc | 0 | 3 | 57 | 51 | ogr.og | ogr.og | b.b.c. | 0.0 | |
| | Penbrook (St Ann's) ... | 997.2 | 48 | WSW | 4 | o | 1004.3 | +4 | 45 | -8 | NE | 2 | - | o | 4 | 4 | 53 | 43 | ogr. | cq | bc | 0.2 | |
| Hartland Quay ... | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN EUROPE. | Scilly (St. Mary's) ... | 999.9 | 50 | W | 4 | bc | 1004.1 | +2 | 46 | -4 | N | 2 | NW | bc | 4 | 0.2 | 52 | 45 | cq | c.b.c. | b.b.c. | 4.7 | |
| | Falmouth ... | 1000.3 | 46 | SW | 3 | bc | 1004.0 | +1 | 42 | -9 | W | 2 | - | bc | 3 | 9 | 58 | 46 | b.c.c. | c.b.c. | o | 3.0 | |
| | Jersey (St. Aubin) ... | 1001.4 | 52 | W | 3 | o | 1001.8 | + | 48 | -8 | N | 3 | - | o | 3 | 1 | 56 | 48 | bc | bc | c.o. | 0.0 | |
| | Portland Bill ... | 999.6 | 54 | WSW | 5 | bc | 1002.7 | 0 | 48 | -8 | ENE | 3 | - | o | 3 | 3 | 58 | 48 | c.o. | c | bc | 0.0 | |
| | Dungeness ... | 1001.7 | 54 | SW | 4 | bc | 1001.1 | -2 | 52 | -2 | NE | 4 | - | r | 3 | 3 | 58 | 48 | c.o. | c | bc | 0.0 | |
| | Wick ... | 981.8 | 53 | SSE | 7 | omg | 998.8 | +13 | 44 | -5 | SSW | 3 | - | bc | 4 | 3 | 53 | 44 | omg | omg | o.c.b.c. | 0.0 | |
| | Nairn ... | 977.3 | 52 | S | 1 | bc | 999.1 | + | 44 | -7 | SSW | 1 | - | eg | 1 | 0.2 | 59 | 43 | dcgmg. | cgm | bc | 2.5 | |
| | Aberdeen ... | 985.2 | 53 | SSE | 6 | og | 1001.3 | +8 | 44 | -5 | SSW | 2 | - | b | 4 | 9 | 54 | 44 | omg | og | og | 0.0 | |
| | Leith ... | 983.4 | 52 | SSW | 4 | c | 1001.6 | +4 | 42 | -9 | SW | 2 | SW | c | 2 | 0.4 | 58 | 42 | ogr.og | cug.c | cug.c | 0.0 | |
| | Tynemouth ... | 989.7 | 53 | SW | 4 | omg | 1003.0 | +5 | 44 | -6 | SW | 2 | - | om | 4 | - | 56 | 44 | omg | omg | om | 0.0 | |
| | Spurn Head ... | 997.2 | 52 | SSW | 4 | bc | 1004.1 | +1 | 47 | -4 | W | 1 | - | o | 4 | - | 55 | 45 | eg | eg | bc | 0.2 | |
| | Yarmouth (Gorleston) ... | 1001.2 | 52 | SSW | 3 | bc | 1004.7 | 0 | 46 | -6 | NNE | 2 | - | c | 2 | 1 | 56 | 44 | omg | bc | bc | 0.0 | |
| | Clacton-on-Sea ... | 1001.3 | 53 | S | 3 | bc | 1003.4 | -1 | 47 | -6 | NNW | 2 | - | ogd | 1 | 1 | 56 | 47 | ogr.og | c.b.c. | bc | 0.0 | |
| | Nottingham ... | 997.2 | 51 | SW | 4 | c | 1004.2 | + | 42 | -15 | S | 1 | S | o | 1 | - | 58 | 40 | o.c. | ' | c.b | 2.1 | |
| | Benson (Oxon.) ... | 999.8 | 48 | SSW | 3 | b | 1003.3 | +1 | 43 | -12 | - | 0 | - | c | 1 | - | 56 | 42 | bc | bc | bc | 0.0 | |
| Sth Farnborough ... | 1003.4 | 49 | SSW | 5 | b | 1003.7 | +1 | 44 | -12 | N | 2 | - | om | 3 | 3 | 56 | 44 | omg | o.b | bc | 0.8 | | |
| Salisbury Plain ... | 1000.3 | 47 | SW | 3 | bc | 1003.8 | +1 | 44 | -7 | SE | 1 | - | od | 1 | 1 | 55 | 41 | o.c.c. | o.c.c. | c.o. | 0.0 | | |
| London (Kew Obs.) ... | 1000.7 | 51 | SW | 3 | b | 1003.7 | +1 | 46 | -10 | NW | 1 | - | om | 1 | 1 | 58 | 45 | o.og.c | cb | b.b.c. | 0.6 | | |
| FRANCE, &c. | Spitsbergen ... | 1016.3 | 12 | W | 4 | o | 1000.6 | -1 | 25 | 0 | SSE | 2 | - | o | 1 | 1 | 3 | 3 | | | | | |
| | Vardø ... | 1021.2 | 39 | SW | 4 | b | 1020.8 | -1 | 41 | +2 | WSW | 8 | - | c | 3 | 3 | 43 | 37 | | | | | |
| | Gjesvær ... | 1018.3 | 37 | - | 0 | b | 1013.2 | + | 43 | 0 | S | 8 | - | b | 4 | - | 43 | 37 | | | | | |
| | Bodø ... | 1013.2 | 46 | E | 4 | c | 1002.0 | -1 | 50 | +7 | NW | 1 | - | b | 1 | - | 46 | 43 | | | | | |
| | Christiansund ... | 1004.8 | 50 | ENE | 5 | b | 1004.7 | +2 | 54 | +4 | NE | 3 | - | b | 3 | - | 54 | 48 | | | | | |
| | Skudesnaes ... | 1006.4 | 50 | ESE | 9 | c | 1009.0 | +5 | 50 | 0 | ESE | 9 | - | c | 7 | - | 54 | 46 | | | | | |
| | Færder (Kjellerfjord) ... | 1017.0 | 48 | ESE | 4 | o | 1016.3 | 0 | 48 | +2 | SE | 2 | - | o | 2 | 1 | 50 | 46 | | | | | |
| | The Scaur (Skagen) ... | 1015.1 | 50 | SE | 3 | o | 1013.7 | 0 | 48 | -2 | SE | 3 | SE | o | 3 | - | 50 | 48 | | | | | |
| | Blaavands Huk ... | 1011.7 | 46 | SE | 5 | o | 1012.7 | +1 | 41 | -7 | SE | 4 | - | b | 3 | - | 50 | 38 | | | | | |
| | Copenhagen ... | 1016.2 | 50 | SE | 3 | o | 1014.9 | 0 | 45 | -5 | SE | 2 | - | c | 3 | - | 50 | 45 | | | | | |
| | Bornholm ... | 1016.2 | 46 | SE | 3 | c | 1014.7 | -1 | 45 | -1 | E | 3 | - | r | 0 | 1 | 48 | 43 | | | | | |
| | The Helder ... | 1004.2 | 48 | SSE | 2 | r | 1005.0 | 0 | 46 | +3 | SE | 1 | - | m | 1 | 9 | 52 | 43 | | | | | |
| | C. Gris Nez ... | 1003.0 | 55 | SW | 3 | b | 1001.2 | -2 | 48 | -4 | E | 3 | - | r | 1 | 4 | 57 | 48 | | | | | |
| | La Hève ... | 1002.7 | 52 | SW | 3 | bc | 999.0 | -1 | 52 | -5 | - | 0 | - | r | 1 | 15 | 61 | 48 | | | | | |
| | Brest (St. Mathieu) ... | 1002.6 | 54 | WSW | 3 | c | 1004.7 | +1 | 52 | -2 | NNW | 4 | - | c | 1 | 1 | 59 | 50 | | | | | |
| Rochefort (île d'Aix) ... | 1002.4 | 55 | SE | 2 | r | | | | | | | | | | | | | | | | | | |
| Biarritz ... | 999.7 | 68 | SSW | 3 | c | 1003.4 | +2 | 52 | -12 | WNW | 4 | - | r | 1 | 14 | 70 | 52 | | | | | | |
| Paris ... | 1004.4 | 54 | S | 1 | o | 1001.3 | -1 | 50 | -2 | ESE | 1 | - | bc | 1 | 2 | 57 | 50 | | | | | | |
| Belfort ... | | | | | | 1008.2 | + | 45 | +11 | E | 4 | - | bc | 1 | 1 | 54 | 34 | | | | | | |
| Lyons ... | 1007.1 | 55 | - | 0 | b | 1003.7 | 0 | 59 | +11 | SSW | 3 | - | o | 1 | - | 61 | 48 | | | | | | |
| Nice ... | 1004.0 | 55 | E | 2 | o | 1010.7 | +1 | 54 | +4 | E | 1 | - | c | 1 | - | 61 | 50 | | | | | | |
| Perpignan ... | 1005.9 | 57 | - | 0 | o | 1002.6 | 0 | 50 | -5 | S | 1 | - | c | 1 | - | 63 | 50 | | | | | | |
| Sanguinaire ... | 1011.3 | 63 | SW | 3 | c | 1010.0 | +3 | 61 | +2 | E | 3 | - | b | 1 | - | 68 | 50 | | | | | | |
| IBERIA, &c. | Corunna ... | 1003.9 | 57 | NW | 2 | o | 1010.0 | +4 | 48 | - | SW | 1 | - | bc | 4 | 8 | 59 | 48 | | | | | |
| | Madrid ... | | | | | | | | | | | | | | | | | | | | | | |
| | Lisbon ... | 1005.6 | 54 | NNW | 4 | o | 1010.4 | +3 | 50 | -13 | NW | 2 | - | c | 1 | 3 | 63 | 50 | | | | | |
| | Azores (Horta) ... | 1015.5 | 50 | N | 6 | bc | 1021.3 | -1 | 64 | -4 | NNE | 3 | - | c | 2 | - | 72 | 63 | | | | | |
| | „ (P. Delgada) ... | 1011.8 | 50 | N | 5 | c | 1019.4 | +2 | 60 | -2 | N | 2 | - | m | 1 | - | ? | ? | | | | | |
| | Madeira ... | 1010.7 | 68 | N | 3 | o | 1016.8 | +3 | 61 | -5 | N | 3 | - | o | 3 | - | 70 | 59 | | | | | |
| | Gibraltar ... | | | | | | | | | | | | | | | | | | | | | | |
| | MEDITERRANEAN. | Algiers ... | | | | | 1015.3 | +1 | 66 | +2 | SW | 1 | - | bc | 0 | - | 91 | 61 | | | | | |
| | | Malta ... | | | | | | | | | | | | | | | | | | | | | |
| | | Salonica ... | 1016.0 | 55 | - | 0 | bc | 1016.7 | +2 | 53 | 0 | NNW | 1 | - | o | 0 | Trace | 60 | 51 | | | | |
| | | Athens ... | 1017.1 | 63 | NW | | | | | | | | | | | | | | | | | | |

THE BEAUFORT SCALE OF WIND FORCE.

| No. | Limits of Velocity. | |
|-----|-------------------------|--------------------|
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0.5 |
| 1 | 1-3 | 0.5-1.5 |
| 2 | 4-7 | 1.6-3.3 |
| 3 | 8-12 | 3.4-5.4 |
| 4 | 13-18 | 5.6-7.9 |
| 5 | 19-24 | 8.0-10.7 |
| 6 | 25-31 | 10.8-13.8 |
| 7 | 32-38 | 13.9-17.1 |
| 8 | 39-46 | 17.2-20.7 |
| 9 | 47-64 | 20.8-24.4 |
| 10 | 55-63 | 24.5-28.1 |
| 11 | 64-75 | 28.5-33.5 |
| 12 | Above 75 | 33.6 or above |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,801. Monday, 4th November 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 3RD NOVEMBER 1918.

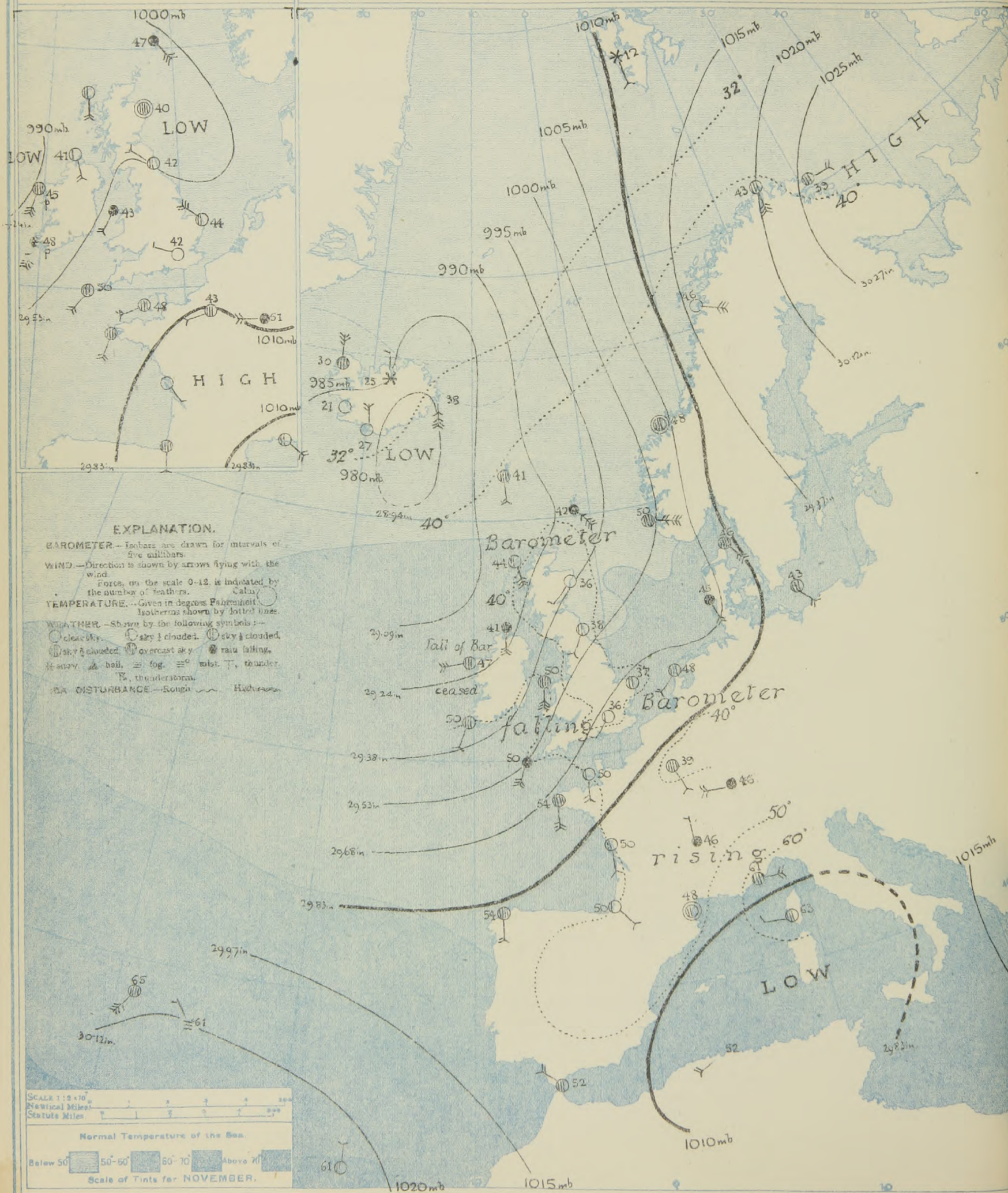
| STATIONS. | | EVENING OF... 2 ND ... | | | | | MORNING OF... 3 RD ... | | | | | | | | | | MORNING OF... 3 RD ... | | | | | | |
|-----------|---------------|---------------------------------------|-------|----------------|---|----------|-----------------------------------|--------------------------|--------------|---------------------------|----------------|---|-------------------------------------|-------|------|----------|--------------------------------------------------------------------------------------------------|--------------|---------------------------|----------------|---------|----------|----|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND. | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | | |
| | | | | Force 0-12. | | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Force 0-12. | | | Max. | Min. | | | Dry Bulb. | Change in 24 hours. | Force 0-12. | | Weather. | |
| | | ° F. | | | | | | ° F. | ° F. | | | | | ° F. | ° F. | | | ° F. | ° F. | | | | |
| RUSSIA. | Orlov ... | | | | | | | | | | | | | | | | | | | | | | |
| | Kem ... | | | | | | | | | | | | | | | | | | | | | | |
| | Archangel ... | | | | | | | | | | | | | | * | | | | | | | | |
| | Mesen... | | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | 1025.5 | 41 | S | 2 | 0 | 1026.0 | | 41 | 0 | SSE | 6 | 0 | | | | | 986.0 | 28 | -4 | N | 6 | 0 |
| | Hernösand ... | 1023.8 | 45 | - | 0 | f | 1023.7 | * | 41 | -4 | SSE | 2 | 0 | x | x | * | | 982.7 | 27 | -7 | - | 0 | b |
| | Stockholm ... | 1022.6 | 48 | WSW | 2 | 0 | 1022.3 | * | 45 | -1 | ESE | 2 | 0 | x | x | * | | 986.0 | 30 | -4 | E | 1 | bc |
| | Wisby ... | 1026.2 | 46 | ESE | 2 | 0 | 1020.4 | * | 37 | -9 | E | 2 | 0 | x | x | * | | 975.4 | 36 | +4 | SSE | 6 | r |
| | Sordovala ... | | | | | | 1032.3 | | 41 | 0 | E | 3 | 0 | x | x | * | | 984.7 | 40 | -6 | W | 5 | + |
| | Hangö ... | | | | | | 1026.7 | | 39 | -6 | E | 3 | 0 | | | | | | | | | | |
| ITALY. | Venice ... | 1012.5 | 52 | - | 0 | r | 1011.5 | x | 50 | +2 | - | 0 | f | 1 | 54 | 48 | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | |
| | Turin ... | 1012.6 | 46 | - | 0 | bc | 1012.9 | x | 47 | +1 | - | 0 | bc | - | 52 | 41 | 4 TH 5 TH Nov. 1918. | | Sunrise. | Noon. | Sunset. | | |
| | Pesaro ... | 1011.7 | 59 | - | 0 | 0 | 1010.9 | x | 59 | 0 | - | 0 | e | 1 | 69 | 59 | | | G.M.T. | G.M.T. | G.M.T. | | |
| | Leghorn ... | 1011.7 | 59 | - | 0 | 0 | 1010.9 | x | 63 | +6 | - | 0 | 0 | 2 | 64 | 54 | | | 6.56 | 11.37 | 4.18 | | |
| | Rome ... | 1014.2 | 57 | - | 0 | b | 1012.7 | x | 57 | +3 | - | 0 | 0 | TRACE | 64 | 55 | | | 6.58 | 11.37 | 4.16 | | |
| | Viesti ... | 1013.7 | 59 | - | 0 | b | 1014.6 | x | 59 | +4 | SE | 1 | c | - | 63 | 48 | | | 7.1 | 11.44 | 4.27 | | |
| | Brindisi ... | | | | | | | x | | | | | | | | | | | 7.3 | 11.44 | 4.25 | | |
| | Cagliari ... | | | | | | | x | | | | | | | | | | | 7.38 | 11.56 | 4.14 | | |
| | Palermo ... | | | | | | | x | | | | | | | | | | | 7.40 | 11.56 | 4.12 | | |
| | Tripoli ... | | | | | | | x | | | | | | | | | | | 7.43 | 12.25 | 5.7 | | |
| | | | | | | | | | | | | | | | | | | | 7.45 | 12.25 | 5.5 | | |

| LONDON 4 TH Nov. 9h. G.M.T. | | HUMIDITY. | | Sun- shine for 3 RD | TEMPERATURE. | | | Rain- fall. | WEATHER. | | |
|--------------------------------------------------------------------------------|----|-----------------|-----------------|-----------------------------------------|--------------|------|------------------|----------------|----------|------------|--------|
| | | 75 h. | 9 h. | | Max. | Min. | Min. on Grass | | Morning. | Afternoon. | Night. |
| | | 3 RD | 4 TH | | | | | | | | |
| GREENWICH (Royal Observatory) | 94 | 87 | 0.0 | 46 | 36 | 27 | 12 | OT | OT C | b3wx | |
| CITY (Bunhill Row) .. | * | * | 0.0 | 49 | 36 | 32 | 13 | * | * | * | |
| WESTMINSTER (St. James's Park) .. | - | - | 0.0 | 47 | 36 | 32 | 13 | * | * | * | |
| " (Roof near Charing Cross) .. | 93 | 87 | 0.0 | 47 | 40 | * | 12 | ogmt | OT C | bc.bbwm | |
| CAMDEN SQ. (British Rainfall) .. | - | 97 | 0.0 | 46 | 34 | 29 | 13 | - | - | * | |
| KENSINGTON PALACE .. | 90 | 86 | * | 49 | 39 | 27 | 15 | OT | OT C | * | |
| NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens. | | | | | | | | | | | |

| SOUTH KENSINGTON (M.O.) | | |
|---------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 3 RD | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 75.3 | 2.2 | 5 |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

THE MORNING OF Monday, 4th NOVEMBER 1918, at 7h. G.M.T.



Notes on the Weather of the 24 hours ended 7h. Today

Temperature remained below 50° over the greater part of the United Kingdom, and fell to a rather low value at night. In the Midlands the minimum was about 33° , in the south of Scotland 31° , and at Nairn 27° . Rain fell in nearly all parts of England and Ireland and in a few Scottish localities, the quantity being large in south-eastern England; 17 mm. in London, 20 mm. at Dungeness and 28 mm. at Clacton. In Ireland, Wales and the south-west of England, there was a considerable amount of bright sunshine; in the east and south-east of England there was none.

The Conditions at 7h. Today

A depression is centred over the south-east of Iceland, with secondaries over the western half of the British Isles, and another over the North Sea near the coast of Denmark. Pressure is highest over the Madeira-Azores region, and relatively high thence across the Spanish Peninsula to Central Europe. The main wind direction over the United Kingdom and the western countries of the Continent is between S. and SW; the force is fresh to strong along our western seaboard, but light in the east and south-east. At Lerwick and Skudesnaes a gale from ESE. is reported. Rain is falling at many of our western stations and also in the east of France and at Blaavands Huk. Temperature is moderately high in Ireland, Wales and the south-west of England, rather low elsewhere; at Nairn the reading is 29° .

The Outlook

The pressure distribution continues favourable for the eastward passage of depressions over the northern regions of the Atlantic, and the weather conditions over the British Isles area, therefore, likely to remain unstable.

H.H.

Monday, 4th

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 3.08

Monday
4th November

| STATIONS. | EVENING OF 3 RD | | | | | MORNING OF 4 TH | | | | | | | | | | 24 HOURS ENDED 7 h. 4 TH | | | | | | | Sun- shine for 3 RD Hours. |
|------------------|---------------------------------------|--------------|-------|----------------|----------|---------------------------------------|---------------------------|--------------|---------------------------|-------|----------------|---------------------------------|----------|-------------|-------------------------------------|-------------------------------------|------|----------|-----------|--------------|-----------|-----|---------------------------------------------------|
| | Barom. Milli- bars at M.S.L. | Temp. °F. | WIND. | | Weather. | Barom. Milli- bars at M.S.L. | Change in 24 hours. | TEMP. | | WIND. | | Direc. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | | |
| | | | Dir. | Force 0-12. | | | | Dry Bulb. | Change in 24 hours. | Dir. | Force 0-12. | | | | | Max. | Min. | Morning | Afternoon | Night. | | | |
| BRITISH ISLANDS. | Lerwick | 10033 | 46 | SE | 5 | omr | 9920 | -4 | 42 | -6 | ESE | 8 | - | omgr | 5 | 11 | 48 | 42 | cm | cm | omgr | | |
| | Deerness (Orkney) | 10013 | 46 | S | 3 | o | 9912 | * | 34 | -6 | SW | 3 | S | b | 3 | - | 49 | 38 | b, bc, co | o | oc, bc, b | 0.6 | |
| | Stornoway | 10003 | 42 | S | 2 | o | 9883 | -5 | 44 | +1 | SSE | 6 | - | bc | 5 | 2 | 47 | 40 | b, co | bc, co | bc, co | 2.3 | |
| | Castlebay (Barra Isd.) | 9946 | 46 | SE | 4 | c | 9874 | -7 | 44 | -3 | SSE | 5 | - | op | 6 | 0.2 | 47 | 43 | o, bc | bc | c, bc, co | 3.9 | |
| | Glasgow | 10027 | 41 | SE | 1 | om | 9955 | -5 | 33 | -8 | ESE | 2 | W | bc, am | * | 0.3 | 47 | 31 | bc, cm | cm | om, bc | 1.0 | |
| | Eskdalemuir | 10025 | 41 | - | 0 | o | 9972 | -3 | 33 | -13 | S | 2 | - | ors | * | 0.3 | 45 | 31 | o, cm, o | o | bc, co | 0.0 | |
| | Malin Head | 10004 | 42 | SSE | 3 | bc | 9870 | -6 | 41 | 0 | S | 5 | - | c, op | 5 | 1 | 47 | 38 | bc | bc | c, op | 6.9 | |
| | Blackod Point | 9989 | 43 | SSE | 4 | bc, co | 9893 | 0 | 47 | +5 | WSW | 5 | - | cm | 5 | 4 | 49 | 41 | bc | bc, co | c, op | * | |
| | Valencia (Cableveen) | 10009 | 45 | S | 3 | c | 9928 | 0 | 50 | +14 | SSW | 2 | SW | c | 4 | 14 | 52 | 35 | b, bc | c | or, o | 5.1 | |
| | Roche's Point | 10036 | 45 | SW | 1 | b | 9940 | -1 | 50 | +13 | WSW | 3 | - | o | 4 | 2 | 51 | 37 | b, bc | bc, b | c, op | * | |
| | Birr Castle | 10018 | 41 | SW | 1 | c | 9919 | -6 | 47 | +4 | S | 1 | - | c | * | 1 | 49 | 33 | c | c | c, op | 8.2 | |
| | Donaghadee | 10011 | 40 | SW | 2 | bc, co | 9936 | -6 | 45 | +9 | SW | 4 | - | om, op | 3 | 1 | 50 | 35 | b, m | bc, co | bc, co | 0.0 | |
| | Liverpool (Bidston) | 10020 | 46 | WSW | 1 | b | 9990 | -3 | 38 | -6 | SE | 3 | E | bc | 2 | - | 48 | 35 | o, cm | o, bc | bc, co | 0.0 | |
| | Holyhead | 10024 | 45 | SW | 1 | b | 9963 | -4 | 50 | +8 | S | 6 | - | og, op | 5 | 0.1 | 54 | 41 | bc | b | bc, co | 6.5 | |
| | Pembroke (St Ann's) | 10043 | 48 | W | 2 | bc, co | 9978 | -5 | 50 | +5 | SSW | 6 | - | og | 5 | Trace | 51 | 43 | c, bc, co | b, o, bc, co | bc, co | 5.9 | |
| | Hartland Quay | | | | | | | | | | | | | | | | | | | | | | |
| | Scilly (St Mary's) | 10056 | 48 | SW | 2 | c | 9999 | -3 | 50 | +4 | GSW | 5 | SW | or | 5 | 3 | 52 | 45 | bc | bc, c | c, op, or | 6.2 | |
| | Falmouth | 10052 | 42 | WNW | 2 | b | 10012 | -2 | 50 | +8 | S | 5 | - | or, op | * | 3 | 53 | 39 | bc, b, bc | bc, bc | bc, or | 7.2 | |
| | Jersey (St Aubin) | 10045 | 48 | NW | 2 | b | 10071 | * | 50 | +2 | S | 3 | S | b | 3 | 3 | 54 | 45 | op, o | bc, op, b | b | 2.5 | |
| | Portland Bill | 10023 | 50 | W | 3 | c | 10038 | -1 | 53 | +5 | SW | 5 | SW | c, op | 4 | 5 | 53 | 47 | bc | bc | bc | * | |
| | Dungeness | 10011 | 45 | NNW | 4 | c | 10066 | +2 | 47 | -5 | SW | 3 | SW | c | 3 | 2.0 | 54 | 40 | or | or | c, bc, co | * | |
| NORTHERN EUROPE. | Wick | 10017 | 43 | SSW | 2 | c | 9925 | -6 | 36 | -8 | WSW | 2 | - | bc | 3 | - | 49 | 36 | bc, og | og, c | c, om, bc | * | |
| | Nairn | 10007 | 36 | - | 0 | bc | 9927 | * | 29 | -15 | - | 0 | - | bc | 0 | - | 48 | 27 | c, bc | bc | bc | 3.5 | |
| | Aberdeen | 10024 | 44 | S | 1 | og | 9949 | -1 | 36 | -8 | SW | 1 | - | b, co | 3 | - | 47 | 35 | b, bc, co | og | og, b, co | 0.0 | |
| | Leith | 10021 | 45 | SE | 1 | o | 9966 | -1 | 36 | -6 | SW | 1 | - | b, co | 1 | - | 47 | 35 | c, bc, c | c, c, o | c, bc, c | * | |
| | Tynemouth | 10015 | 45 | - | 0 | om | 9988 | 0 | 38 | -6 | SSW | 2 | - | bc, m | 3 | 4 | 48 | 37 | om | om | bc, m | * | |
| | Spurn Head | 9996 | 46 | N | 5 | og, r | 10026 | +1 | 40 | -7 | SW | 4 | - | bc, co | 4 | 19 | 48 | 39 | om | or | bc | 0.0 | |
| | Yarmouth (Gorleston) | 9994 | 52 | SSW | 4 | r | 10065 | +3 | 37 | -9 | - | 0 | - | bc, co | 3 | 16 | 52 | 36 | om, r | om, r | c, bc, co | 0.0 | |
| | Clacton-on-Sea | 9989 | 45 | WNW | 4 | og | 10072 | +2 | 46 | -1 | SSW | 3 | - | bc | 2 | 28 | 52 | 41 | og, m, r | og, m, r | og, c, bc | 0.0 | |
| | Nottingham | 10019 | 44 | WNW | 1 | o | 10031 | * | 38 | -4 | S | 2 | - | b | * | 7 | 46 | 33 | om | om | o, c | 0.0 | |
| | Benson (Oxon.) | 10026 | 43 | NW | 1 | o | 10044 | +1 | 40 | -3 | S | 2 | - | o | * | 8 | 47 | 33 | r | r | b, co | * | |
| | St. Farnborough | 10033 | 40 | NNW | 2 | b | 10057 | +1 | 39 | -5 | SSE | 3 | - | cm | * | 13 | 45 | 33 | om | om | b, co | 0.0 | |
| | Salisbury Plain | 10037 | 42 | NW | 1 | b | 10050 | -1 | 39 | -5 | SE | 1 | SW | bc | * | 2 | 48 | 34 | om, r | o, c, o | bc, bc | - | |
| | London (Kew Obs.) | 10030 | 45 | W | 2 | b | 10061 | +1 | 36 | -10 | SW | 1 | SW | b, m, co | * | 17 | 46 | 34 | om | om, o, b | b, co, m | 0.0 | |
| FRANCE, &c. | Spitsbergen | 10137 | 5 | S | 1 | b | 10111 | -5 | 12 | -2 | S | 2 | - | S | * | 14 | 0 | | | | | | |
| | Vardo | 10210 | 43 | S | 8 | o | 10266 | +3 | 39 | -2 | E | 3 | - | c | 4 | * | 43 | 37 | | | | | |
| | Gjesvær | 10135 | 43 | S | 6 | b | 10190 | 0 | 43 | 0 | S | 6 | - | c | 3 | - | 45 | 39 | | | | | |
| | Bodø | 10149 | 43 | E | 2 | b | 10154 | 0 | 46 | -4 | ESE | 6 | - | b | 2 | - | 52 | 39 | | | | | |
| | Christiansund | 10107 | 46 | SE | 2 | b | 10026 | -5 | 48 | -6 | - | 0 | - | c | 2 | - | 57 | 45 | | | | | |
| | Skudesnaes | 10079 | 46 | SE | 5 | b | 9979 | -5 | 50 | 0 | ESE | 9 | - | o | 5 | - | 50 | 46 | | | | | |
| | Færder (Kjellerfjord) | 10149 | 46 | ESE | 4 | o | 10106 | -1 | 45 | -3 | SE | 5 | - | o | 3 | - | 48 | 45 | | | | | |
| | The Scaw (Skagen) | 10127 | 48 | ESE | 4 | o | 10082 | +1 | 43 | -5 | SE | 5 | - | o | 5 | - | 50 | 46 | | | | | |
| | Blauvands Huk | 10086 | 39 | SE | 3 | b | 10037 | 0 | 45 | -4 | SSE | 4 | - | r | * | 3 | 46 | 37 | | | | | |
| | Copenhagen | 10123 | 46 | W | 4 | o | 10106 | 0 | 46 | +1 | NE | 5 | - | o | * | Trace | 48 | 45 | | | | | |
| Bornholm | 10128 | 45 | ESE | 3 | o | 10132 | +1 | 43 | -2 | SE | 3 | - | c | 0 | - | 46 | 41 | | | | | | |
| IBERIA, &c. | The Helder | 10002 | 48 | ESE | 3 | o | 10073 | +5 | 48 | -2 | SW | 3 | - | c | 3 | Trace | 52 | 46 | | | | | |
| | C. Gris Nez | 10015 | 48 | NW | 6 | o | 10067 | 0 | 46 | -2 | W | 4 | - | c | * | 14 | 54 | 46 | | | | | |
| | La Hève | 10021 | 52 | NW | 4 | o | 10097 | +1 | 45 | -7 | SW | 5 | - | b | * | 6 | 54 | 45 | | | | | |
| | Brest (St. Mathieu) | 10075 | 50 | NW | 3 | c | 10066 | -3 | 54 | +2 | S | 5 | - | o | * | 6 | 54 | 50 | | | | | |
| | Rochefort (Ile d'Aix) | 10083 | 54 | NW | 4 | c | 10117 | +1 | 50 | ? | S | 2 | - | bc | * | - | 59 | 46 | | | | | |
| | Biarritz | 10092 | 50 | SW | 2 | r | 10122 | +2 | 50 | -2 | SE | 2 | - | b | * | 29 | 54 | 50 | | | | | |
| | Paris | 10062 | 48 | WNW | 2 | r | 10123 | +3 | 39 | -11 | SSE | 2 | - | o | * | 1 | 59 | 39 | | | | | |
| | Belfort | | | | | | 10137 | | 46 | +1 | W | 4 | - | r | * | 1 | 59 | 46 | | | | | |
| | Lyons | 10051 | 61 | E | 2 | c | 10136 | +4 | 46 | -13 | N | 1 | - | r | * | 3 | 64 | 46 | | | | | |
| | Nice | 10101 | 57 | E | 2 | o | 10122 | +3 | 61 | +7 | E | 4 | - | o | * | - | 63 | 55 | | | | | |
| MEDITERRANEAN. | Perpignan | 10064 | 57 | NW | 1 | r | 10114 | +3 | 48 | -2 | - | 0 | - | bc | * | 2 | 68 | 48 | | | | | |
| | Sanguinaire | 10070 | 63 | W | 2 | b | 10086 | +2 | 63 | +2 | W | 1 | - | c | * | - | 68 | 57 | | | | | |
| | Corunna | 10119 | 54 | SW | 2 | bc | 10114 | +1 | 54 | +6 | S | 3 | - | o | 4 | Trace | 57 | 50 | | | | | |
| | Madrid | | | | | | | | | | | | | | | | | | | | | | |
| | Lisbon | | | | | | | | | | | | | | | | | | | | | | |
| | Azores (Horta) | 10216 | * | - | 0 | c | 10191 | -1 | 65 | -1 | SW | 6 | - | o | 3 | - | 72 | 63 | | | | | |
| | " (P. Delgada) | * | | | | | 10202 | 0 | 62 | +2 | NW | 1 | - | m | 2 | - | 68 | 59 | | | | | |
| | Madeira | 10061 | 68 | N | 3 | c | 10210 | 0 | 61 | 0 | N | 2 | - | bc | 2 | - | 70 | 59 | | | | | |
| | Gibraltar | 10122 | 56 | NNW | 4 | b | 10139 | * | 52 | ? | NW | 3 | - | c | 3 | - | 63 | 50 | | | | | |
| | Algiers | 10060 | 66 | W | 5 | c | 10084 | +1 | 52 | ? | WSW | 3 | - | r | 4 | 4 | 77 | 62 | | | | | |
| Malta | * | * | * | * | * | | | | | | | | | | | | | | | | | | |
| Salonica | 10168 | 56 | NNW | 1 | b | 10206 | +3 | 52 | -1 | SSE | 1 | -</ | | | | | | | | | | | |

THE BEAUFORT SCALE OF WIND FORCE.

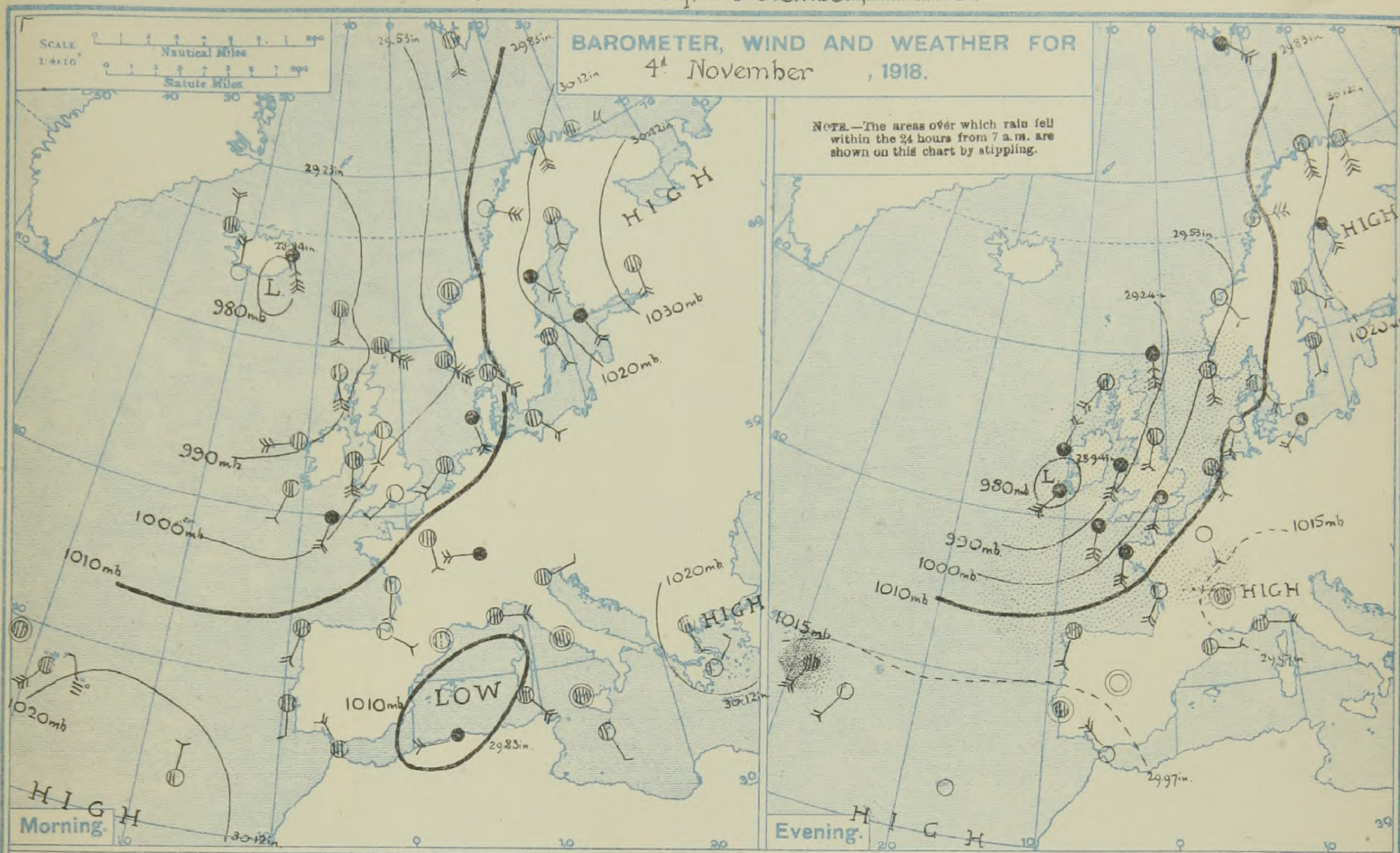
Limits of Velocity.

| No. |
|-----|
|-----|

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20802

Tuesday, 5th November, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 4TH NOVEMBER.

| STATIONS. | | EVENING OF... 3 RD | | | | | MORNING OF... 4 TH | | | | | | | | | | MORNING OF... 4 TH | | | | | | |
|-----------|----------------|---------------------------------------|-------|--------|----------------|----------|-------------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|-------|--------------|---------------------------|--------|----------|----------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min | Dry Bulb. | Change in 24 hours. | Dirac. | | Force 0-12. |
| | | ° F. | | | | | ; | ° F. | ° F. | | | | | ° F. | ° F. | | | ° F. | ° F. | | | | |
| RUSSIA. | Orlov ... | | | | | | | | | | | | | | | | | | | | | | |
| | Kem ... | | | | | | | | | | | | | | | | | | | | | | |
| | Archangel ... | | | | | | | | | | | | | | | | | | | | | | |
| | Mesen... | | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | | | | | | | | | | | | | | | | | | | | | | |
| | Hernösand ... | 1017.7 | 41 | ESE | 2 | S | 1029.0 | * | 37 | -4 | S | 4 | 0 | x | x | x | | | | | | | |
| | Stockholm ... | 1019.8 | 41 | E | 2 | S | 1021.3 | * | 41 | 0 | SE | 4 | 0 | x | x | x | | | | | | | |
| | Wisby ... | 1028.0 | 39 | SSE | 2 | 0 | 1017.6 | * | 43 | -2 | SSE | 2 | 0 | x | x | x | | | | | | | |
| | Sordovalva ... | | | | | | 1016.7 | * | 45 | +8 | SE | 2 | 0 | x | x | x | | | | | | | |
| | Hangö ... | | | | | | 1033.6 | * | 39 | -2 | S | 4 | 0 | x | x | x | | | | | | | |
| ITALY. | Venice ... | 1014.1 | 52 | - | 0 | f | 1022.9 | * | 43 | +4 | SSE | 4 | 0 | x | x | x | | | | | | | |
| | Turin ... | 1013.6 | 48 | - | 0 | 0 | 1017.4 | x | 52 | +2 | ENE | 1 | 0 | 1 | 54 | 50 | | | | | | | |
| | Pesaro ... | 1014.3 | 54 | - | 0 | b | 1017.7 | x | 48 | +1 | - | 0 | 0 | 2 | 54 | 46 | | | | | | | |
| | Leghorn ... | 1012.1 | 61 | N | 2 | bc | 1017.8 | x | 52 | -7 | - | 0 | 0 | 1 | 66 | 50 | | | | | | | |
| | Rome ... | 1013.4 | 59 | - | 0 | 0 | 1013.8 | * | 59 | -4 | - | 0 | 0 | 1 | 66 | 57 | | | | | | | |
| | Viesti ... | 1012.9 | 61 | SE | 1 | 0 | 1015.4 | x | 52 | -5 | - | 0 | 0 | - | 66 | 50 | | | | | | | |
| | Brindisi ... | | | | | | 1015.9 | x | 61 | +2 | SE | 2 | 0 | - | 68 | 54 | | | | | | | |
| | Cagliari ... | 1010.3 | 66 | SE | 3 | 0 | | x | | | SE | 4 | 0 | - | 77 | 59 | | | | | | | |
| | Palermo ... | 1012.3 | 64 | - | 0 | 0 | 1010.3 | x | 66 | ? | - | 4 | 0 | - | 57 | 50 | | | | | | | |
| | Tripoli ... | | | | | | 1013.0 | x | 63 | ? | - | 0 | 0 | 1 | 57 | 50 | | | | | | | |
| | | | | | | | | * | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | | | |
|--------------------------------------------------------------------------------------------------|-----|-----|-----|----------|--------|---------|--|--|--|
| 5 TH 6 TH NOV 1918. | | | | Sunrise. | Noon. | Sunset. | | | |
| | | | | G.M.T. | G.M.T. | G.M.T. | | | |
| Yarmouth | ... | ... | ... | 6.58 | 11.37 | 4.16 | | | |
| | | | | 6.59 | 11.37 | 4.15 | | | |
| Greenwich | ... | ... | ... | 7.3 | 11.44 | 4.25 | | | |
| | | | | 7.4 | 11.44 | 4.24 | | | |
| Wick | ... | ... | ... | 7.40 | 11.56 | 4.12 | | | |
| | | | | 7.42 | 11.56 | 4.10 | | | |
| Valencia | ... | ... | ... | 7.45 | 12.35 | 5.5 | | | |
| | | | | 7.46 | 12.35 | 5.4 | | | |

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

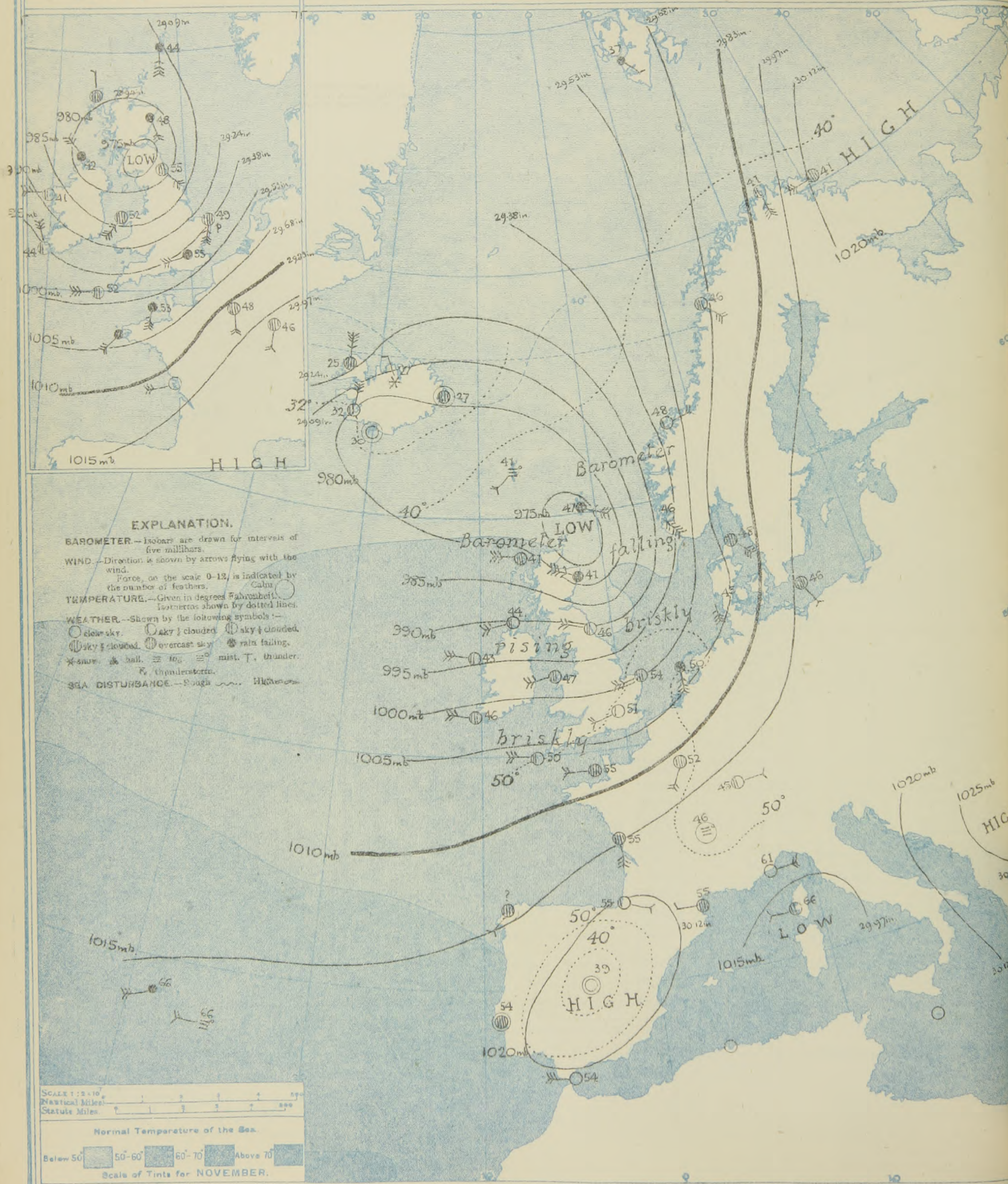
| 5 TH 6 TH Nov 1918. | Sunrise. | Noon. | Sunset. |
|-------------------------------------------|----------|--------|---------|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 6.58 | 11.37 | 4.16 |
| Greenwich ... | 6.59 | 11.37 | 4.15 |
| Wick ... | 7.3 | 11.44 | 4.25 |
| Valencia ... | 7.4 | 11.44 | 4.26 |
| | 7.40 | 11.56 | 4.12 |
| | 7.42 | 11.56 | 4.10 |
| | 7.45 | 12.25 | 5.5 |
| | 7.46 | 12.25 | 5.4 |

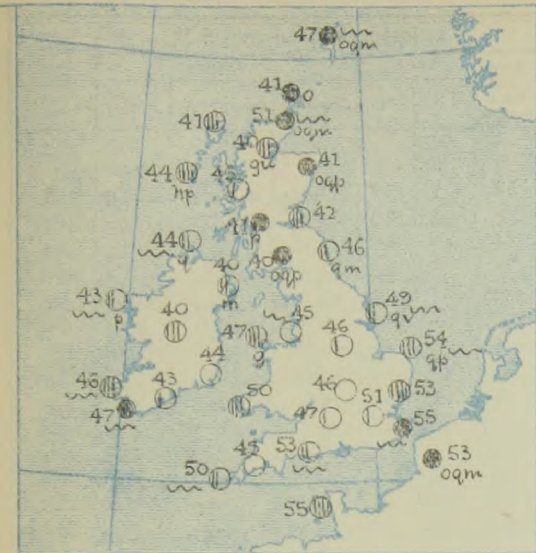
| LONDON | | HUMIDITY. | | Sun-shine for | TEMPERATURE. | | | | WEATHER. | | | SOUTH KENSINGTON (M.O.) | | |
|---------------------------------|--|-----------------|-----------------|---------------|--------------|------|----------------|------------|----------|------------|----------|------------------------------------------------------------------------------------|---------------|------------|
| 5 TH Nov. 9h. G.M.T. | | 15 h. | 9 h. | | Max. | Min. | Min. on Grass. | Rain-fall. | Morning. | Afternoon. | Night. | Vertical Component of Solar Radiation per square Centimetre during 4 TH | | |
| | | 4 TH | 5 TH | Hours. | ° F. | ° F. | ° F. | mm. | | | | Total. | Average Rate. | Max. Rate. |
| GREENWICH (Royal Observatory) | | 86 | 77 | 2.9 | 55 | 46 | 43 | 11 | c | or | or bc or | Joules. | | |
| CITY (Bunhill Row) | | * | * | 1.5 | * | * | * | * | * | * | * | Milliwatts. | | |
| WESTMINSTER (St. James's Park) | | 92 | 88 | 1.9 | 58 | 47 | 43 | 12 | * | * | * | Milliwatts. | | |
| " (Roof near Charing Cross) | | 91 | 82 | 2.1 | 56 | 47 | * | 11 | bc | bc bc | or bc bc | 323 | | |
| CAMDEN SQ. (British Rainfall) | | 79 | 81 | 0.2 | 56 | 44 | 41 | 12 | 0 | or | * | 9.5 | | |
| KENSINGTON PALACE | | 92 | 84 | * | 56 | 48 | 43 | 12 | 0 | or | * | 32 | | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

5th, NOV, at 1h. G.M.T.

THE MORNING OF Tuesday, 5th NOVEMBER 1918, at 7h. G.M.T.





NOTES.

Lerwick. 16h 4h-7h 5h
S to SE. 8
Eskdalemuir. 1h-4h 5h
Extreme Wg at 4h, 28 m/s.
Pembroke. 20h 4h-3h 5h
Extreme S.W. g at 22h.
Dungeness. 22h 4h-5h 5h, SSW 8
Aberdeen. 5h-7h 5h
Extreme WNW g at 6h, 29 m/s.
Gorleston. 19h 4h-5h 5h S 8
Benson. Gust 21 m/s at 2h 20.5h
Salisbury. Right and left Mock Suns at 7h 4h. 5h

Lough Foyle. 1h-4h 5h
Extreme NW g at 3h.
Liverpool. 1h-5h 5h WSW 8.
Portland Bill. 14h 4h-3h 5h
Extreme SSW g at 21h.
Nairn. Squalls WSW 8 in night.
Edinburgh. Gust W.S.W. g at 2h 5h
Line Squall at 3h.
Nottingham. S. 8 at 2h 5h
Kew. Gust. 20 m/s at 2h 35h. 5h

Notes on the Weather of the 24 hours ended 7h. Today

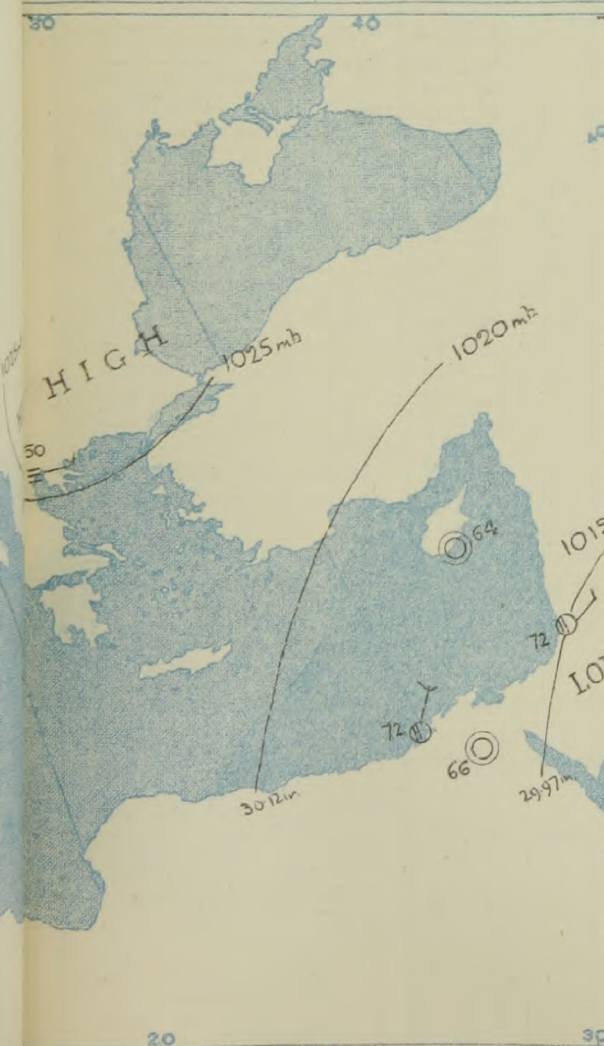
Temperature rose to 55° or above over a large portion of England, and to nearly 50° in the north of Ireland and Scotland. Rain fell in all places, and generally in considerable or large quantities. Numerous stations measured more than 15 mm. Pembroke 20 mm, Eskdalemuir and Glasgow about 22 mm, Wick 30 mm, and Deerness 32 mm. This last amount fell in 7 hours. In most places the day was entirely overcast or with very little sunshine, but in Orkney the sunshine record was 3.5 hours, at Clacton 4.4 hours and at Great Yarmouth 5.6 hours. Rain was also general in the north and north-east of France; at Havre the value was 45 mm. Gales from between S. and W. were experienced in most parts of the British Isles.

The Conditions at 7h. Today

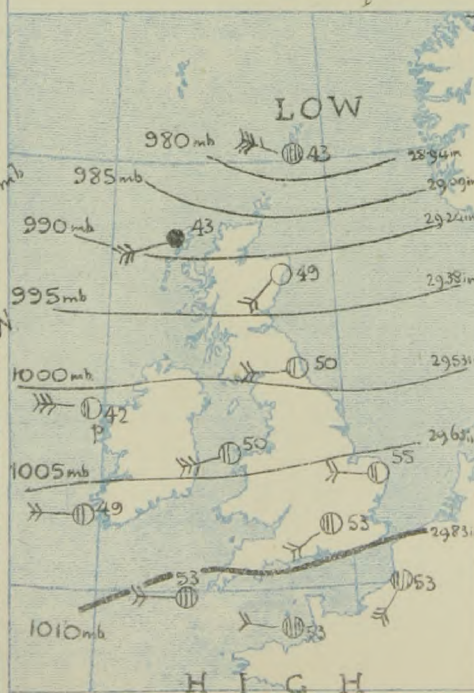
A deep depression travelled rapidly from the south-west of Ireland to beyond the north of Scotland during the night and is now centred between Orkney and Shetland. The rise of the barometer in its rear over the south of Scotland and north of England is unusually rapid. The wind still blows a gale from the SE. at Lerwick and Skudesnaes, and from WNW. at Aberdeen, and is strong to high from the Southward on the southern and eastern shores of the North Sea. Over the British Isles generally it is moderate or fresh from W. or WSW. Rain is falling in Scotland, the Straits of Dover and Holland, as well as at Blaavands Huk and Skudesnaes.

The Outlook

As the wind at our most western stations has not veered beyond West, it is probable that another depression from the Atlantic will soon make its appearance, and the unstable weather conditions are consequently likely to continue. *H.H.*

Tuesday, 5th

NOVEMBER, 1918, at 13h. (1 p.m.) G.M.T.



The depression centre has moved beyond Shetland and the barometer has continued to rise over the United Kingdom generally.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 309

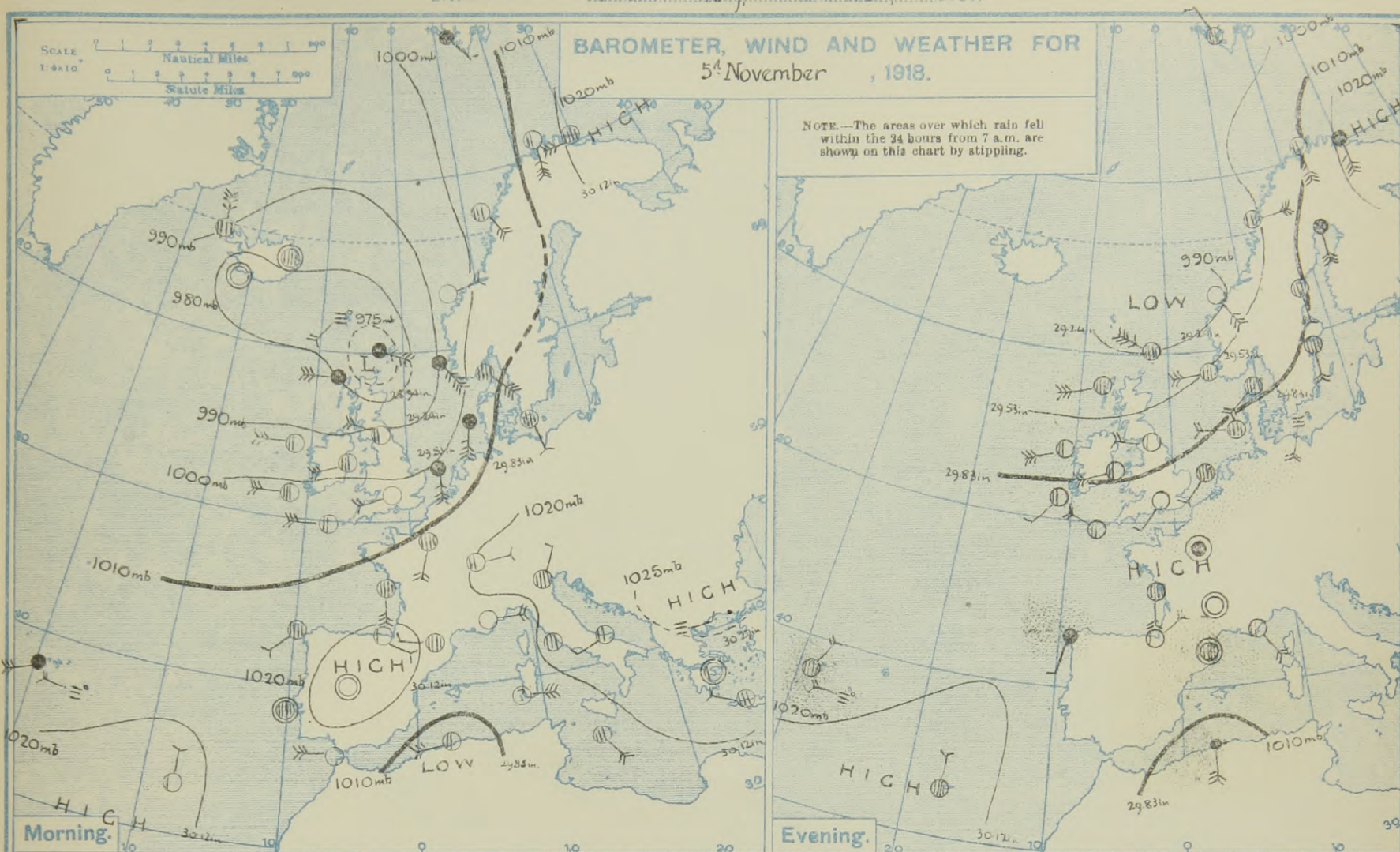
Tuesday
5th NOVEMBER

| STATIONS. | EVENING OF 4 TH | | | | | MORNING OF 5 TH | | | | | | | | | | 24 HOURS ENDED 7 h 5 TH | | | | | | | | | | Sun- shine for 4 TH Hours. |
|----------------------|---------------------------------------|--------|--------|---------------|----------|-----------------------------|--------------------------|--------------|---------------------------|--------|---------------|---------------------------|----------|------------|------------------------------------|------------------------------------|------|------------|------------|-----------|------------|-----|--|--|--|---------------------------------------------------|
| | Barom. Milli- bars at M.S.L. | Temp. | WIND. | | Weather. | Milli- bars at M.S.L. | Change in 5 hours. | Dry Bulb. | Change in 24 hours. | WIND. | | Dirac. Upper Cloud. | Weather. | Sea 0-9 | Rain- fall Milli- metres. | TEMP. | | WEATHER. | | | | | | | | |
| | | | Direc. | Force 0-12 | | | | | | Direc. | Force 0-12 | | | | | Max. | Min. | Morning | Afternoon. | Night. | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRITISH ISLANDS. | Lerwick | 987.3 | 46 | S | 8 | omgr | 970.6 | -11 | 47 | +5 | ESE | 2 | - | omgr | 6 | 9 | 47 | 40 | c | omgr | omgr | | | | | |
| | Deerness (Orkney) | 986.8 | 47 | S | 5 | b | 970.9 | * | 41 | +2 | WNW | 5 | - | ot | 4 | 32 | 47 | 39 | b, bc, c | c, bc, b | bc, ot | 3.5 | | | | |
| | Stornoway | 986.8 | 42 | SW | 4 | c | 982.5 | +5 | 41 | -3 | W | 6 | - | c | 5 | 3 | 48 | 38 | bc, op | op, c | od, bc | 1.2 | | | | |
| | Castletown (Barra Isd.) | 985.0 | 47 | SW | 4 | c | 987.6 | +5 | 44 | 0 | WNW | 4 | - | hp | 4 | 1 | 49 | 43 | op, c, o | o, c | c, ohp | 1.2 | | | | |
| | Glasgow | 988.9 | 45 | SE | 1 | om | 988.7 | +2.0 | 41 | +8 | W | 4 | - | op | * | 21 | 51 | 33 | c, ot, om | om | rg, b, op | 0.0 | | | | |
| | Esksdalemuir | 989.6 | 46 | SSE | 4 | o | 990.6 | +1.9 | 40 | +7 | WSW | 5 | - | op, q | * | 22 | 52 | 32 | ots, ot | od, m, o | o, ot, og | 0.0 | | | | |
| | Malin Head | 985.4 | 45 | S | 1 | omr | 984.5 | +1.2 | 44 | +3 | WSW | 5 | W | bc, q | 5 | 15 | 47 | 41 | omr | omr | bc, q | 0.8 | | | | |
| | Blackod Point | 985.6 | 43 | NNE | 3 | omr | 994.8 | +6 | 43 | -4 | W | 5 | W | bc, p | 5 | 17 | 47 | 40 | omr | omr | ot, bc, q | * | | | | |
| | Valencia (Cahirciveen) | 979.7 | 52 | WSW | 5 | r | 1001.1 | +5 | 46 | -4 | W | 5 | W | c | 5 | 14 | 55 | 45 | c, og | ot, q | ot, q | 0.2 | | | | |
| | Roche's Point | 981.8 | 54 | SW | 6 | dm | 1001.5 | +4 | 43 | -7 | WSW | 3 | W | b | 4 | 8 | 54 | 43 | om | rdm | cp, b | * | | | | |
| | Birr Castle | 982.8 | 50 | SE | 1 | r | 998.2 | * | 40 | -7 | SSW | 1 | - | c | * | 16 | 53 | 40 | o | ot | ot, c | 0.0 | | | | |
| | Donaghadee | 987.4 | 44 | S | 3 | omr | 993.8 | +1.2 | 40 | -5 | SW | 4 | SW | bc | 4 | 18 | 54 | 40 | om, om | om, o, ot | om, q | * | | | | |
| | Liverpool (Bidston) | 991.3 | 50 | SE | 3 | o | 996.7 | +1.1 | 45 | -7 | WSW | 5 | SW | b | 5 | 3 | 56 | 38 | bc, op | op | bc, bc, b | 1.4 | | | | |
| | Holyhead | 988.1 | 53 | SW | 6 | og, q, p | 997.6 | +7 | 47 | -3 | WSW | 5 | SW | cg | 4 | 8 | 54 | 46 | og, q | og, q | og, q | 0.0 | | | | |
| | Pembroke (St Ann's) | 990.2 | 54 | S | 4 | ot | 1002.1 | +6 | 50 | 0 | W | 5 | W | c | 6 | 20 | 54 | 48 | og, bc, c | og, ot | og, q | 1.0 | | | | |
| Hartland Quay | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN EUROPE. | Scilly (St. Mary's) | 993.7 | 55 | SSW | 6 | sd | 1005.3 | +7 | 50 | 0 | W | 5 | W | bc | 6 | 4 | 56 | 50 | op, f | f, d, q | cg, bc | 0.0 | | | | |
| | Falmouth | 994.3 | 55 | SSW | 7 | rg | 1005.7 | +6 | 45 | -5 | W | 2 | - | b | * | 14 | 56 | 45 | ot, q | od, q, rg | og, bc | 0.0 | | | | |
| | Jersey (St. Aubin) | 1004.9 | 55 | SSW | 6 | o | 1007.0 | * | 55 | +5 | W | 3 | - | o | 3 | 15 | 57 | 50 | bc, og | og, q, og | og, ura | 2.8 | | | | |
| | Portland Bill | 999.0 | 53 | SSW | 8 | ot | 1004.0 | +1.1 | 53 | 0 | W | 5 | SW | bc | 6 | 15 | 55 | 52 | c, ot | ot | bc, q | * | | | | |
| | Dungeness | 1005.0 | 53 | SSW | 6 | r | 1002.9 | +6 | 55 | +8 | SW | 5 | * | r | 5 | 5 | 56 | 45 | cg, c | cg, r | og, ot | * | | | | |
| | Wick | 987.5 | 47 | SW | 4 | om | 974.4 | +3 | 41 | +5 | NNW | 7 | - | om, q | 5 | 30 | 48 | 36 | bc, om, q | om, q | om, q | * | | | | |
| | Nairn | 987.1 | 41 | SW | 1 | bc | 980.9 | * | 40 | +1.1 | W | 4 | - | cg, u | 3 | 18 | 48 | 29 | bc, c | cd, bc | cg, ura | 2.1 | | | | |
| | Aberdeen | 989.8 | 48 | SSE | 4 | og | 977.5 | +1.6 | 41 | +5 | WNW | 8 | - | og, p | 4 | 17 | 52 | 35 | bc, q | op, c, o | ot, q | 0.9 | | | | |
| | Leith | 988.6 | 48 | SSE | 1 | o | 985.7 | +1.1 | 42 | +6 | WSW | 5 | - | c | 4 | 11 | 54 | 36 | cd, q | cp, o, mo | ot, q, ura | * | | | | |
| | Tynemouth | 991.1 | 48 | SSW | 3 | om, q | 990.1 | +1.5 | 46 | +8 | WNW | 4 | - | bc, q | 4 | 1 | 56 | 38 | om, q | om, q | om, bc | * | | | | |
| | Spurn Head | 997.1 | 49 | S | 6 | og | 995.8 | +1.2 | 49 | +9 | WSW | 6 | - | bc, q | 7 | 9 | 50 | 40 | cg | ot, q | cg, p | 0.0 | | | | |
| | Yarmouth (Gorleston) | 1005.7 | 51 | S | 7 | og, p | 1000.0 | +8 | 54 | +1.7 | WSW | 6 | - | cg, p | 6 | 2 | 55 | 36 | bc, bc | bc, op | og, pm | 5.6 | | | | |
| | Clacton-on-Sea | 1004.9 | 51 | SSE | 6 | og, r | 1001.8 | +8 | 53 | +7 | SSW | 4 | SW | o | 3 | 6 | 54 | 45 | bc | bc, og, r | og, pm | 4.4 | | | | |
| | Nottingham | 996.0 | 51 | S | 4 | o | 999.5 | * | 46 | +8 | SW | 2 | SW | b | * | 10 | 58 | 37 | c, ot | to | ot | 0.8 | | | | |
| | Benson (Oxon.) | 998.8 | 50 | S | 6 | r | 1002.2 | +1.3 | 46 | +6 | SW | 3 | - | b | * | 13 | 56 | 40 | ot | r | ot, q, b | * | | | | |
| Sth Farnborough | 1001.5 | 51 | S | 7 | ot | 1003.4 | +1.1 | 48 | +9 | WSW | 4 | W | o | * | 16 | 56 | 38 | om, bc, ot | om, ot | rg, o | 1.6 | | | | | |
| Salisbury Plain | 998.7 | 51 | SW | 6 | ot, q | 1003.7 | +1.0 | 47 | +8 | SW | 1 | - | b | * | 17 | 57 | 38 | c, ot | ot | og, q | * | | | | | |
| London (Kew Obs.) | 1001.7 | 51 | SSW | 4 | r | 1003.4 | +1.1 | 51 | +1.5 | WSW | 3 | - | b | * | 12 | 55 | 35 | bc, ot | ot | og, q | 0.0 | | | | | |
| FRANCE, &c. | Spitsbergen | 1007.1 | 36 | SE | 5 | r | 1002.0 | -2 | 37 | +2.5 | SE | 1 | * | r | * | 39 | 12 | | | | | | | | | |
| | Vardo | 1023.8 | 39 | S | 7 | o | 1021.5 | -1 | 41 | +2 | W | 6 | - | o | 4 | * | 41 | 37 | | | | | | | | |
| | Gjesvær | 1015.4 | 39 | S | 8 | bc | 1010.3 | * | 41 | -2 | S | 8 | - | bc | 3 | * | 41 | 39 | | | | | | | | |
| | Bodø | 1008.4 | 45 | E | 6 | c | 1004.6 | 0 | 46 | 0 | SE | 5 | - | c | 2 | * | 46 | 39 | | | | | | | | |
| | Christiansund | 998.3 | 50 | SE | 2 | b | 995.7 | -4 | 48 | 0 | ENE | 3 | - | b | 2 | * | 52 | 46 | | | | | | | | |
| | Skudesneves | 1001.9 | 46 | SSE | 7 | c | 991.0 | -3 | 46 | -4 | SE | 9 | - | r | 7 | 5 | 50 | 45 | | | | | | | | |
| | Færder (Xtania Fjord) | 1007.9 | 48 | SSW | 6 | c | 1007.3 | -3 | 48 | +3 | SSE | 7 | - | o | 4 | 7 | 48 | 45 | | | | | | | | |
| | The Scaw (Skagen) | 1008.6 | 46 | SSE | 3 | c | 1007.5 | -4 | 48 | +5 | SE | 6 | - | o | 6 | * | 48 | 46 | | | | | | | | |
| | Blaavands Huk | 1010.7 | 48 | SW | 4 | b | 1003.1 | -8 | 45 | 0 | S | 7 | - | r | * | 52 | 43 | | | | | | | | | |
| | Copenhagen | 1012.6 | 46 | WSW | 2 | m | 1013.3 | -3 | 46 | 0 | SSE | 4 | - | m | * | 46 | 45 | | | | | | | | | |
| | Bornholm | 1012.7 | 45 | WSW | 3 | r | 1017.3 | 0 | 46 | +3 | SSE | 2 | - | o | 0 | * | 46 | 41 | | | | | | | | |
| | The Helder | 1009.0 | 46 | SSE | 3 | o | 1002.0 | 0 | 50 | +2 | S | 8 | - | r | 4 | 2 | 52 | 46 | | | | | | | | |
| | C. Gris Nez | 1007.3 | 48 | SW | 5 | c | 1004.0 | +6 | 54 | +8 | SW | 6 | * | r | * | 5 | 54 | 46 | | | | | | | | |
| | La Hève | 1007.8 | 54 | SSW | 6 | o | 1009.1 | +1 | 54 | +9 | WSW | 4 | * | r | * | 45 | 55 | 52 | | | | | | | | |
| | Brest (St. Mathieu) | 1002.7 | 55 | SSW | 6 | r | 1008.8 | +5 | 54 | 0 | WNW | 4 | * | o | * | 5 | 55 | 50 | | | | | | | | |
| Rochefort (le d'Aix) | 1013.9 | 54 | SSW | 4 | b | 1014.3 | +1 | 55 | +5 | S | 5 | * | o | * | 5 | 59 | 50 | | | | | | | | | |
| Biarritz | 1013.6 | 55 | E | 2 | b | 1020.8 | 0 | 55 | +5 | ESE | 2 | * | b | * | * | 63 | 50 | | | | | | | | | |
| IBERIA, &c. | Paris | 1013.2 | 48 | SSE | 2 | b | 1012.4 | +1 | 52 | +1.3 | SSW | 4 | * | o | * | * | 55 | 39 | | | | | | | | |
| | Belfort | | | | | | 1020.2 | * | 45 | -1 | E | 2 | * | bc | * | 6 | 54 | 39 | | | | | | | | |
| | Lyons | 1017.3 | 48 | - | 0 | o | 1018.9 | +1 | 46 | 0 | - | 0 | * | m | * | 2 | 50 | 46 | | | | | | | | |
| | Nice | 1015.4 | 61 | E | 3 | o | 1018.6 | +1 | 61 | 0 | E | 4 | * | b | * | * | 64 | 57 | | | | | | | | |
| | Perpignan | 1014.7 | 52 | E | 1 | c | 1017.6 | +2 | 55 | +7 | W | 1 | * | o | * | * | 61 | 52 | | | | | | | | |
| | Sanguinaire | 1012.4 | 64 | E | 2 | o | 1014.3 | +3 | 66 | +3 | W | 2 | * | bc | * | * | 68 | 50 | | | | | | | | |
| | Corunna | 1013.6 | 59 | SSW | 3 | o | 1014.4 | +1 | 7 | ? | SW | 2 | - | o | 3 | ? | 61 | 57 | | | | | | | | |
| | Madrid | 1014.4 | 54 | - | 0 | b | 1021.0 | +2 | 39 | ? | - | 0 | - | o | * | * | 55 | 36 | | | | | | | | |
| | Lisbon | 1017.3 | 57 | - | 0 | o | 1018.7 | +1 | 54 | ? | - | 0 | - | o | 6 | * | 57 | 54 | | | | | | | | |
| | Azores (Horta) | 1018.4 | * | SW | 5 | o | 1017.3 | +1 | 66 | 0 | WSW | 5 | * | r | 3 | 1 | 70 | 66 | | | | | | | | |
| | " (P. Delgada) | 1017.9 | * | SW | 3 | b | 1018.4 | 0 | 66 | +4 | W | 3 | * | m | 3 | * | 68 | 61 | | | | | | | | |
| | Madeira | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Gibraltar | 1016.6 | 55 | NW | 4 | b | 1016.6 | * | 54 | +2 | W | 5 | * | b | 2 | * | 63 | 51 | | | | | | | | |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20803

Wednesday, 6th November 1918.



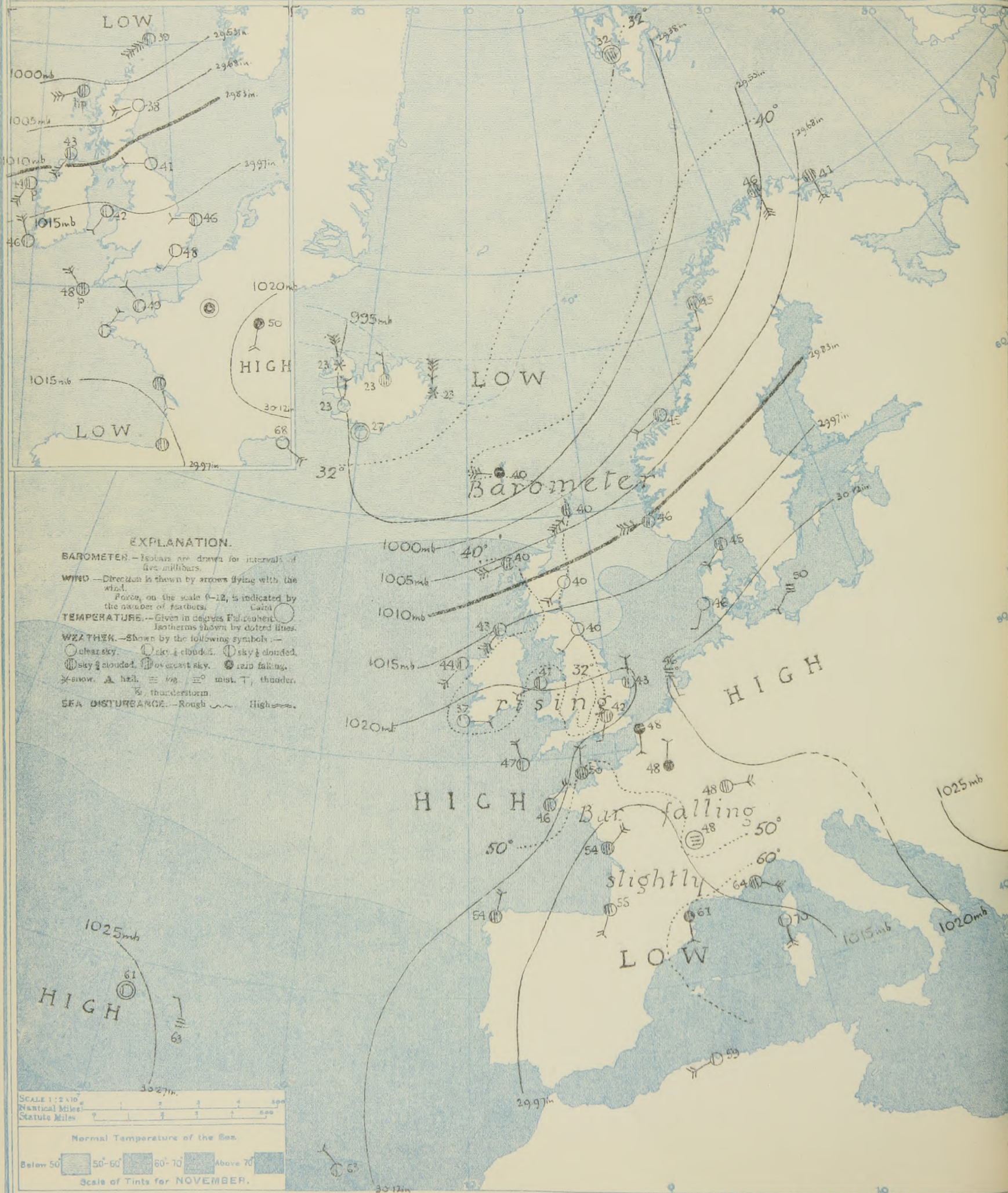
WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 5th NOVEMBER

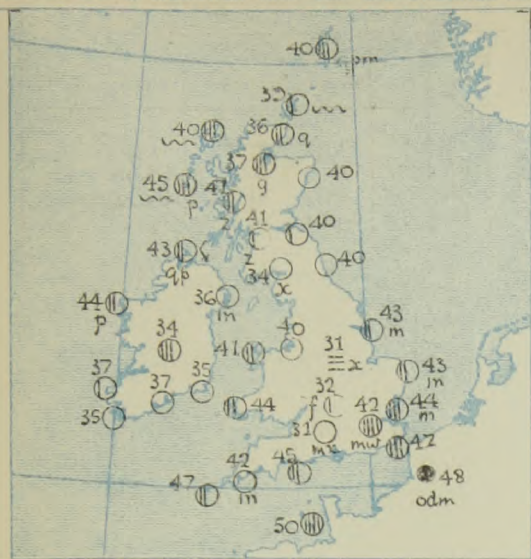
| STATIONS. | | EVENING OF 4 TH | | | | | MORNING OF 5 TH | | | | | | | | | | MORNING OF 5 TH | | | | | | |
|-----------|---------------|---------------------------------------|---------------|-------|----------------|----------|-----------------------------|--------------------------|----------------------|-----------------------------------|-------|----------------|-------------------------------------|----------|------|----------|--------------------------------------------------------------------------------------------------|-------|----------------------|-----------------------------------|---------|----------|----------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. ° F. | WIND. | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Dir. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dir. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dir. | | Force 0-12. |
| RUSSIA. | Orlov ... | | | | | | | | | | | | | | | | | | | | | | |
| | Kem ... | | | | | | | | | | | | | | | | | | | | | | |
| | Archangel ... | | | | | | | | | | | | | | | | | | | | | | |
| | Mesen... | | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | 1023.3 | 37 | SSE | 4 | r | | | | | | | | | | | | | | | | | |
| | Hernösand ... | 1016.6 | 45 | SE | 2 | o | | * | | | | | | * | * | * | | | | | | | |
| | Stockholm ... | 1016.0 | 46 | S | 2 | o | | | | | | | | * | * | * | | | | | | | |
| | Wisby ... | 1017.0 | 46 | S | 2 | o | | * | | | | | | * | * | * | | | | | | | |
| | Sordovalä ... | | | | | | | * | | | | | | * | * | * | | | | | | | |
| | Hangö ... | | | | | | | | | | | | | | * | * | * | | | | | | |
| ITALY. | Venice ... | 1020.7 | 57 | - | o | f | 1024.1 | x | ? | ? | NE | 1 | o | - | 63 | 52 | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | |
| | Turin ... | | | | | | | x | | | | | | | | | 6 TH 7 TH Nov. 1918. | | | | | | |
| | Pesaro ... | | | | | | | x | | | | | | | | | Sunrise. | | Noon. | | Sunset. | | |
| | Leghorn ... | 1016.3 | 63 | - | o | o | 1019.8 | x | 63 | +4 | - | o | bc | - | 66 | 61 | G.M.T. | | G.M.T. | | G.M.T. | | |
| | Rome ... | 1017.5 | 61 | - | o | o | 1020.6 | x | 55 | +3 | N | 1 | c | - | 68 | 54 | Yarmouth ... | | 11.37 | | 4.15 | | |
| | Viesti ... | 1018.3 | 59 | S | 2 | o | 1023.9 | x | 61 | o | WNW | 1 | o | - | 64 | 54 | Greenwich ... | | 11.44 | | 4.24 | | |
| | Brindisi ... | 1020.7 | 64 | N | 2 | b | 1022.7 | x | 64 | ? | SE | 1 | bc | - | 66 | 54 | Wick ... | | 11.56 | | 4.10 | | |
| | Cagliari ... | 1010.3 | 73 | SE | 4 | o | 1013.0 | x | ? | ? | E | 6 | ? | 5 | 77 | 59 | Valencia ... | | 12.25 | | 5.4 | | |
| | Palermo ... | | | | | | | x | | | | | | | | | | | 12.25 | | 5.3 | | |
| | Tripoli ... | | | | | | | x | | | | | | | | | | | | | | | |

| LONDON 6 TH NOVEMBER 9h. G.M.T. | | HUMIDITY. | | Sun- shine for 5 TH | 74 HOURS ENDED 6 h ... 6 TH ... | | | | SOUTH KENSINGTON (M.O.) | | | | | |
|--------------------------------------------------------------------------------|--|-----------------|-----------------|---------------------------------------------|--------------------------------------------|------|------------------|----------------|-------------------------|------------|----------|-----------------------------------------------------------------------------------------------|------------------------------|---------------------------|
| | | 15 h. | 9 h. | | TEMPERATURE. | | | Rain- fall. | | | | WEATHER. | | |
| | | 5 TH | 6 TH | | Max. | Min. | Min. on Grass | | Morning. | Afternoon. | Night. | Vertical Component of Solar Radiation per square Centimetre during ... 5 TH ... | | |
| | | % | % | Hours. | ° F. | ° F. | ° F. | mm. | | | | Total. Joules. | Average Rate. Milliwatts. | Max. Rate. Milliwatts. |
| GREENWICH (Royal Observatory) | | 77 | 88 | 3.3 | 55 | 41 | 35 | — | c. o | o. c | of | 389 | 11.5 | 37 |
| CITY (Bunhill Row) | | x | x | 3.1 | x | x | x | x | x | x | x | | | |
| WESTMINSTER (St. James's Park) | | 56 | 61 | 3.1 | 55 | 41 | 39 | — | x | x | x | | | |
| " (Roof near Charing Cross) | | 83 | 87 | 3.6 | 55 | 44 | x | — | bm | b. bc. o | o. c. om | | | |
| CAMDEN SQ. (British Rainfall) | | 76 | 87 | 2.8 | 55 | 40 | 35 | — | bc | bc | x | | | |
| KENSINGTON PALACE | | 78 | 97 | x | 61 | 41 | 32 | — | bc | c | x | | | |
| NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens. | | | | | | | | | | | | | | |

6th, NOV, at 1h. G.M.T.

THE MORNING OF Wednesday, 6th NOVEMBER 1918, at 7h. G.M.T.





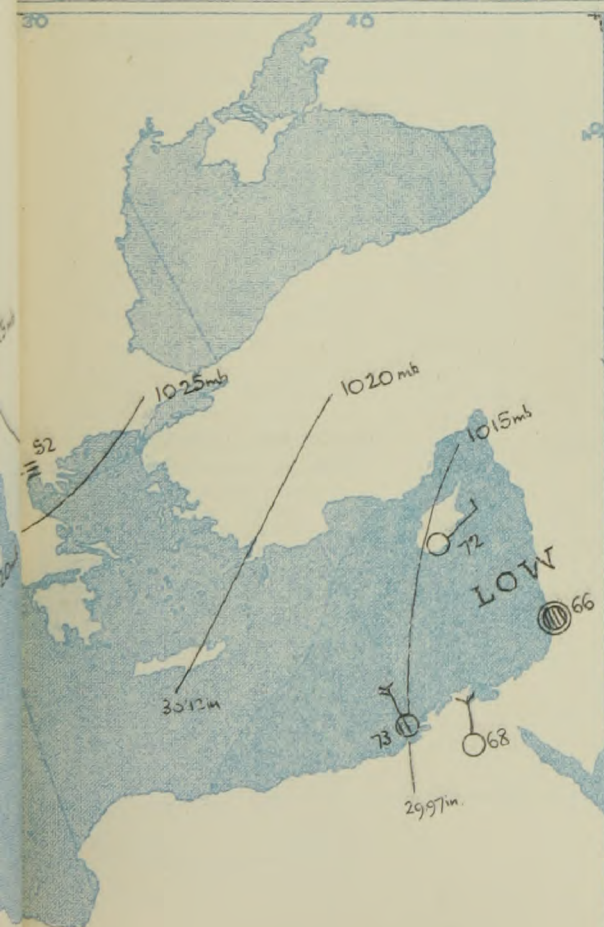
Lierwick, 7h. 5h - 7h 6h
Extreme S.W. 12 1h

Temperature remained below 50° in almost all parts of Ireland and Scotland, but rose above it in England. Frost occurred at night in several inland districts of Great Britain, the lowest minimum reported being 29° at Salisbury Plain. Rain fell in Ireland, many parts of Scotland, and in some English localities, but except at Lerwick the quantity was moderate to very slight. Bright sunshine was more prevalent than of late except in the Channel Isles; at Jersey there was none.

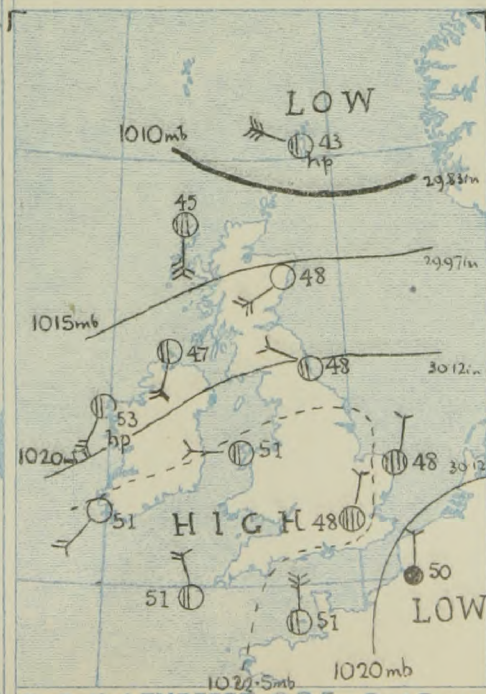
Pressure is lowest between Iceland and Norway, and relatively low in a very shallow depression over France. Pressure is still highest over the Azores region, whence an anticyclonic band extends across the southern districts of England to beyond the Netherlands. The wind has fallen light except in the far north of Scotland. In France a light breeze from some Easterly point has set in, and this is accompanied by rain over a considerable area in the north-east of that country. Temperature has fallen generally, and is no higher than about 32° over the central districts of England.

The depression over France will probably extend to the south of England, producing some rain and light winds from between NE. and NW, but there are no indications of the immediate approach of any further depression from the Atlantic to our western districts.

N. H.



NOVEMBER, 1918, at 13h. (1 p.m.) G.M.T.



The shallow depression over France is extending very slowly northward. Pressure is still increasing over the British Isles generally.

| STATIONS. | EVENING OF 5 TH | | | | | MORNING OF 6 TH | | | | | | | | | | 24 HOURS ENDED 7 TH 6 TH | | | | | Sun- shine for 5 TH Hours. | |
|--------------------------|---------------------------------------|--------------|-------|----------------|----------|---------------------------------------|---------------------------|---------------------|---------------------------|-------|----------------|---------------------------------|----------|------------|-------------------------------------|------------------------------------------------|------|----------|------------|--------|---------------------------------------------------|---|
| | Barom. Milli- bars at M.S.L. | Temp. °F. | WIND. | | Weather. | Barom. Milli- bars at M.S.L. | Change in 24 hours. | Dry Bulb. °F. | Change in 24 hours. | WIND. | | Direc. of Upper Cloud. | Weather. | Sea 0-9 | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | |
| | | | Dir. | Force 0-12. | | | | | | Dir. | Force 0-12. | | | | | Max. | Min. | Morning. | Afternoon. | Night. | | |
| BRITISH ISLANDS. | Lerwick ... | 989.8 | 43 | WNW | 8 | 1001.8 | +5 | 40 | -7 | SW | 8 | - | cmg/p | 4 | 12 | 48 | 35 | cmg/r | cmg/r | cmg/p | * | |
| | Deerness (Orkney) ... | 993.5 | 41 | SW | 4 | 1005.4 | * | 39 | -2 | SW | 6 | SW | b | 5 | 5 | 45 | 37 | to.c. bc | b. bc | b. bc | 1.5 | |
| | Stornoway ... | 994.0 | 41 | WSW | 6 | 1006.9 | +6 | 40 | -1 | WSW | 6 | - | c | 5 | 6 | 47 | 37 | cpq | cpq | cpq | 4.0 | |
| | Castlebay (Barra Isd.) ... | 997.6 | 43 | W | 5 | 1011.5 | +7 | 45 | +1 | W | 5 | W | cp | 6 | 3 | 46 | 38 | hpbc | bc hcp | chp | 2.4 | |
| | Glasgow ... | 1003.2 | 41 | SW | 4 | 1011.5 | +6 | 41 | 0 | SW | 4 | - | b3 | * | 4 | 46 | 37 | opc | c. orb | chp | 3.6 | |
| | Eskdalemuir ... | 1005.5 | 39 | SW | 4 | 1017.8 | +5 | 34 | -6 | SW | 3 | - | b3 | * | 3 | 41 | 31 | opq. or | c. opq | b3 | 3.0 | |
| | Malin Head ... | 1000.4 | 45 | WSW | 5 | 1013.8 | +4 | 43 | -1 | SSW | 4 | SW | bcq/p | 5 | 4 | 47 | 40 | cpq | bcq | cpq | 3.3 | |
| | Blacksod Point ... | 1005.5 | 44 | WSW | 4 | 1015.8 | +4 | 44 | +1 | SW | 4 | - | b3 | 5 | 3 | 46 | 40 | bc | bcq | bc | * | |
| | Valencia (Cabraveira) ... | 1012.0 | 42 | SW | 1 | 1021.3 | +3 | 37 | +9 | E | 2 | - | b | 4 | 1 | 50 | 37 | c. bc | bc | b | 6.0 | |
| | Roche's Point ... | 1011.8 | 45 | WNW | 2 | 1021.9 | +1 | 37 | +6 | WNW | 2 | - | b | 2 | 0.3 | 51 | 35 | b. bc | b | b3 | * | |
| | Birr Castle ... | 1008.8 | 41 | SW | 1 | 1020.4 | * | 34 | +6 | SSW | 1 | - | c | * | 4 | 47 | 34 | cp | cp | cp | 5.0 | |
| | Donaghadee ... | 1005.6 | 42 | WSW | 4 | 1015.9 | +5 | 36 | +4 | SW | 3 | - | bm | 2 | - | 48 | 35 | bc | bc | bm | * | |
| | Liverpool (Bidston) ... | 1008.6 | 45 | WSW | 3 | 1019.6 | +3 | 40 | -5 | SW | 3 | - | b | 3 | 1 | 51 | 40 | bc | bc | b | 5.2 | |
| | Holyhead ... | 1008.9 | 46 | WSW | 4 | 1019.7 | +4 | 41 | -6 | WSW | 2 | - | bc | 1 | - | 51 | 44 | bc | bc | bc | 6.3 | |
| | Pembroke (St. Ann's) ... | 1011.9 | 50 | W | 4 | 1021.8 | +5 | 44 | -6 | N | 1 | - | bc | 1 | 1 | 51 | 43 | cp | cp | b3 | 0.0 | |
| | Hartland Quay ... | 1011.3 | 49 | WNW | 4 | 1022.1 | +5 | 47 | -3 | NNW | 3 | NNW | bc | 4 | 1 | 54 | 45 | bc | c. bc | bc | 6.5 | |
| | Scilly (St. Mary's) ... | 1013.4 | 45 | W | 2 | 1022.2 | +2 | 42 | -3 | WNW | 1 | - | bm | * | 2 | 54 | 39 | b. bc | cp. bc | bm | 5.9 | |
| | Jersey (St. Aubin) ... | 1014.1 | 52 | SW | 3 | 1019.6 | * | 50 | -5 | N | 2 | - | o | 2 | 1 | 57 | 50 | o | or | o | 0.0 | |
| | Portland Bill ... | 1012.3 | 53 | WSW | 4 | 1019.9 | +4 | 45 | -8 | NW | 3 | - | bc | 3 | - | 54 | 44 | bc | c | b | * | |
| | Dungeness ... | 1013.2 | 52 | WSW | 3 | 1019.2 | +2 | 47 | -8 | N | 2 | - | c | 2 | 1 | 55 | 45 | to.c | c. o | c. bc | * | |
| | NORTHERN EUROPE. | Wick ... | 995.4 | 40 | SW | 3 | 1007.4 | +5 | 36 | -5 | SW | 3 | - | bcq | 3 | 1 | 46 | 35 | cmrbc | bc | bcq | * |
| Nairn ... | | 997.1 | 37 | W | 4 | 1009.2 | * | 37 | -3 | W | 2 | - | cp | 2 | 5 | 45 | 34 | cp. bc | cpq | cpq | 4.9 | |
| Aberdeen ... | | 999.5 | 42 | SW | 4 | 1012.6 | +5 | 40 | -1 | SW | 4 | - | b | 3 | - | 49 | 36 | cp. bc | b3 | cp | 5.2 | |
| Leith ... | | 1002.8 | 43 | W | 4 | 1014.9 | +3 | 40 | -2 | SW | 2 | - | b | 2 | 1 | 48 | 39 | cu. bc | cpq. bc | bcq | * | |
| Tynemouth ... | | 1004.6 | 45 | W | 3 | 1017.3 | +5 | 40 | -6 | SW | 1 | - | b | 3 | - | 51 | 39 | bc | bc | bm | 1.5 | |
| Spurn Head ... | | 1009.2 | 49 | SW | 3 | 1019.4 | +3 | 43 | -6 | WNW | 3 | - | bm | 3 | - | 52 | 41 | bcq | b | bm | 1.5 | |
| Yarmouth (Gorleston) ... | | 1011.8 | 49 | WSW | 3 | 1020.1 | +3 | 43 | -1 | NNW | 2 | - | bm | 2 | - | 56 | 43 | cp. bc | bm | bm | 5.4 | |
| Clacton-on-Sea ... | | 1012.9 | 50 | SW | 3 | 1019.8 | +3 | 44 | -9 | NW | 3 | - | em | 1 | - | 54 | 44 | og. bc | em | com | 0.6 | |
| Nottingham ... | | 1010.5 | 46 | SW | 2 | 1020.5 | * | 31 | -17 | SW | 1 | - | fx | * | - | 54 | 30 | b. bc | bc | b | 7.0 | |
| Benson (Oxon.) ... | | 1012.1 | 42 | SW | 1 | 1020.4 | +4 | 32 | -12 | - | 0 | SW | bf | * | 0.1 | 55 | 31 | bc | bc | bm | * | |
| FRANCE, &c. | St. Farnborough ... | 1012.0 | 47 | SW | 3 | 1020.9 | +4 | 37 | -11 | NW | 2 | SW | ome | * | TRACE | 54 | 36 | ab. o | c. bc | bm | 4.0 | |
| | Salisbury Plain ... | 1013.0 | 45 | SW | 1 | 1021.3 | +5 | 31 | -16 | ? | 4 | - | bm | * | 0.1 | 54 | 29 | ab. o | c. bc | bm | - | |
| | London (Kew Obs.) ... | 1013.0 | 47 | SW | 1 | 1020.9 | +3 | 42 | -9 | SSW | 1 | - | omr | * | TRACE | 52 | 41 | bc | c. o. b | b. omr | 4.0 | |
| | Spitsbergen ... | 997.2 | 32 | NW | 1 | 997.7 | -6 | 32 | -5 | - | 0 | - | o | * | - | 37 | 32 | - | - | - | - | |
| | Vardø ... | 1022.1 | 41 | S | 7 | 1007.1 | 0 | 41 | 0 | S | 4 | - | o | 3 | * | 41 | 37 | - | - | - | - | |
| | Gjesvær ... | 1006.3 | 43 | S | 7 | 997.0 | * | 46 | +5 | S | 3 | - | o | 4 | - | 46 | 41 | - | - | - | - | |
| | Bodø ... | 995.3 | 46 | E | 6 | 997.5 | +2 | 45 | -1 | S | 1 | - | c | 1 | - | 46 | 45 | - | - | - | - | |
| | Christiansund ... | 988.0 | 52 | SE | 6 | 1001.3 | +2 | 45 | -3 | SW | 3 | - | c | 2 | - | 55 | 43 | - | - | - | - | |
| | Skudesnes ... | 1002.1 | 46 | WSW | 5 | 1010.6 | +5 | 46 | 0 | WSW | 7 | - | c | 6 | 7 | 50 | 45 | - | - | - | - | |
| | Færder (Kjelleren) ... | 1005.2 | 48 | SW | 7 | 1013.6 | +3 | 48 | 0 | SW | 6 | - | bc | 4 | 13 | 50 | 46 | - | - | - | - | |
| IBERIA, &c. | The Scaw (Skagen) ... | 1010.3 | 48 | SSW | 4 | 1016.8 | +5 | 45 | -3 | SW | 3 | - | c | 3 | 4 | 50 | 43 | - | - | - | - | |
| | Blavands Huk ... | 1010.9 | 50 | W | 3 | 1019.0 | +3 | 46 | +1 | SSW | 1 | - | b | * | 4 | 52 | 43 | - | - | - | - | |
| | Copenhagen ... | 1014.1 | 50 | WSW | 3 | 1021.1 | +3 | 50 | +4 | WSW | 2 | - | f | * | 7 | 50 | 46 | - | - | - | - | |
| | Bornholm ... | 1015.1 | 52 | SSW | 4 | 1016.8 | +5 | 45 | -1 | SW | 3 | - | c | 3 | 4 | 50 | 43 | - | - | - | - | |
| | The Helder ... | 1013.0 | 50 | SW | 2 | 1020.0 | +4 | 46 | -4 | SSE | 1 | - | m | 1 | TRACE | 54 | 45 | - | - | - | - | |
| | C. Gris Nez ... | 1013.7 | 54 | W | 3 | 1019.4 | +3 | 48 | -6 | S | 2 | - | r | * | 3 | 54 | 48 | - | - | - | - | |
| | La Hève ... | 1015.3 | 52 | WSW | 4 | 1020.4 | +4 | 48 | -6 | SE | 2 | - | r | * | 12 | 52 | 45 | - | - | - | - | |
| | Brest (St. Mathieu) ... | 1016.7 | 54 | WSW | 1 | 1021.5 | +2 | 46 | -8 | NE | 3 | - | c | * | - | 57 | 45 | - | - | - | - | |
| | Rochefort (île d'Aix) ... | 1016.9 | 59 | S | 4 | 1013.7 | +1 | 54 | -1 | NE | 4 | - | o | * | - | 61 | 52 | - | - | - | - | |
| | Biarritz ... | 1016.3 | 59 | NE | 3 | 1011.8 | -1 | 55 | 0 | SSW | 3 | - | c | * | - | 66 | 64 | - | - | - | - | |
| MEDITERRANEAN. | Paris ... | 1016.2 | 54 | - | 0 | 1019.1 | -1 | 48 | -4 | NNE | 2 | - | r | * | 6 | 55 | 39 | - | - | - | - | |
| | Belfort ... | 1018.1 | 55 | - | 0 | 1019.5 | * | 48 | +3 | E | 4 | - | c | * | - | 63 | 45 | - | - | - | - | |
| | Lyons ... | 1018.4 | 66 | SE | 4 | 1017.1 | -1 | 48 | +2 | - | 0 | - | f | * | TRACE | 66 | 46 | - | - | - | - | |
| | Nice ... | 1018.4 | 66 | SE | 4 | 1017.3 | -1 | 64 | +3 | SE | 5 | - | c | * | - | 72 | 63 | - | - | - | - | |
| | Perpignan ... | 1016.7 | 61 | - | 0 | 1011.9 | -1 | 61 | +6 | S | 2 | - | r | * | 4 | 7 | ? | - | - | - | - | |
| MEDITERRANEAN. | Sanguinaire ... | 1015.0 | 73 | SE | 5 | 1014.7 | 0 | 70 | +4 | S | 4 | - | b | * | - | 73 | 54 | - | - | - | - | |
| | Corunna ... | 1016.0 | 59 | SSW | 1 | 1019.0 | +3 | 54 | ? | NNE | 3 | - | o | 3 | 14 | 63 | 64 | - | - | - | - | |
| | Madrid ... | 1014.5 | * | NNE | 3 | 1025.0 | +1 | 61 | -5 | - | 0 | - | b | 1 | 5 | 66 | 61 | - | - | - | - | |
| | Lisbon ... | 1019.4 | * | W | 3 | 1024.7 | +2 | 63 | -3 | - | 0 | - | f | 2 | 2 | 68 | 63 | - | - | - | - | |
| | Azores (Horta) ... | 1021.7 | 68 | N | 2 | 1022.0 | 0 | 63 | ? | NW | 2 | - | bc | 2 | - | 70 | 61 | - | - | - | - | |
| | Madeira ... | 1014.0 | 57 | S | 5 | 1010.1 | +3 | 59 | +4 | WSW | 4 | - | b | 4 | 11 | 66 | 54 | - | - | - | - | |
| | Gibraltar ... | 1026.0 | 58 | WSW | 1 | 1026.5 | 0 | 52 | 0 | W | 1 | - | f | * | TRACE | 70 | 50 | - | - | - | - | |
| | Algers ... | 1007.0 | 57 | S | 5 | 1010.1 | +3 | 59 | +4 | WSW | 4 | - | b | 4 | 11 | 66 | 54 | - | - | - | - | |
| | Malta ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - |
| | Salonica ... | 1026.0 | 58 | WSW | 1 | 1026.5 | 0 | 52 | 0 | W | 1 | - | f | * | TRACE | 70 | 50 | - | - | - | - | |
| MEDITERRANEAN. | Athens ... | 1014.3 | 0 | 72 | +8 | ENE | 1 | - | b | 2 | 15 | 82 | 59 | - | - | - | - | - | - | - | - | |
| | Candia ... | 1015.0 | 0 | 73 | +1 | N | 3 | NE | bc | 2 | 4 | 81 | 66 | - | - | - | - | - | - | - | | |

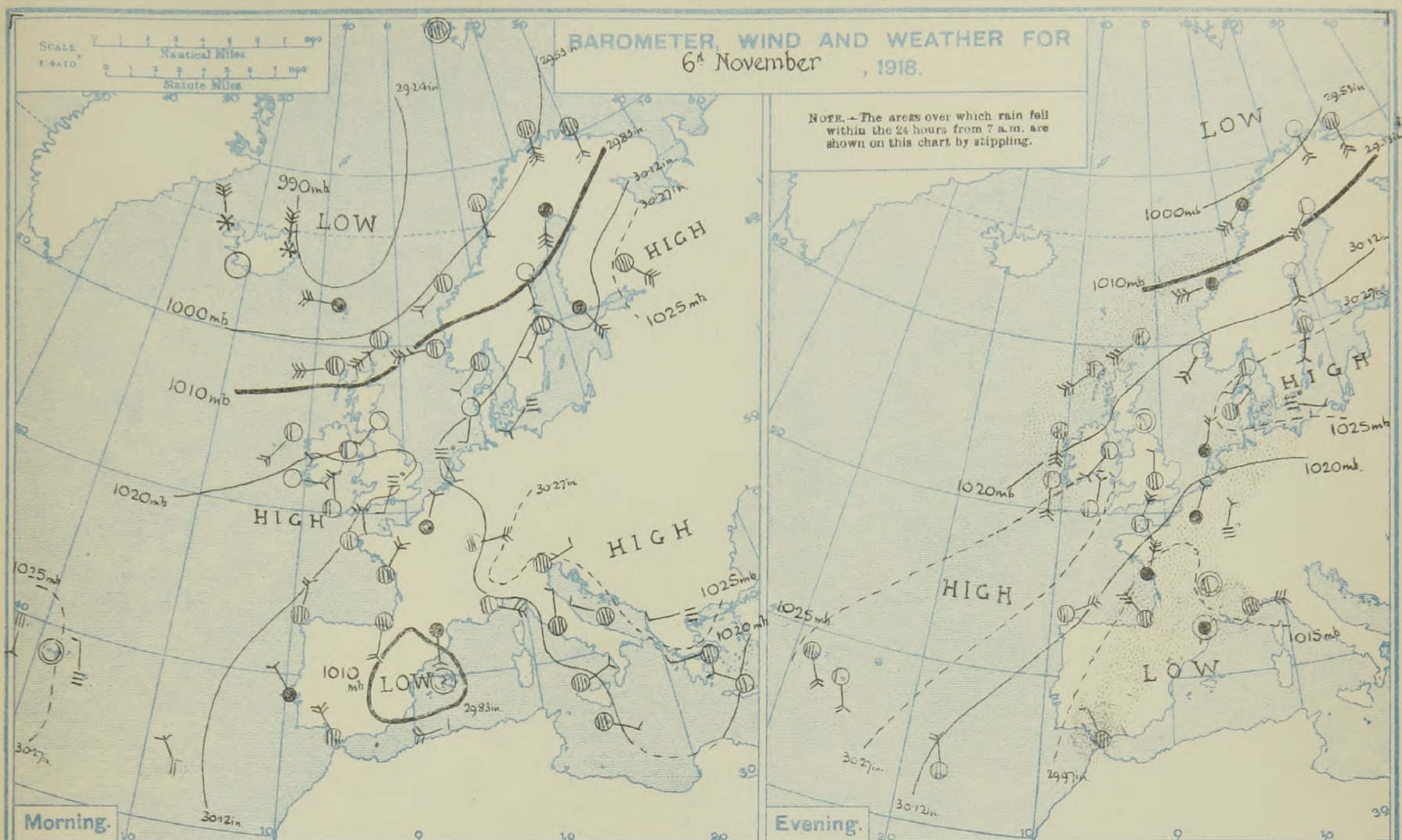
THE BEAUFORT SCALE OF
WIND FORCE.

| No. | Limits of Velocity. | |
|-----|----------------------------|-----------------------|
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0.3 |
| 1 | 1-3 | 0.3-1.5 |
| 2 | 4-7 | 1.6-3.3 |
| 3 | 8-12 | 3.4-5.4 |
| 4 | 13-18 | 5.5-7.9 |
| 5 | 19-24 | 8.0-10.7 |
| 6 | 25-31 | 10.8-13.8 |
| 7 | 32-38 | 13.9-17.1 |
| 8 | 39-46 | 17.2-20.7 |
| 9 | 47-54 | 20.8-24.4 |
| 10 | 55-63 | 24.5-28.4 |
| 11 | 64-75 | 28.5-33.5 |
| 12 | Above 76 | 33.6 or above |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,804

Thursday, 7th November, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 6th NOVEMBER.

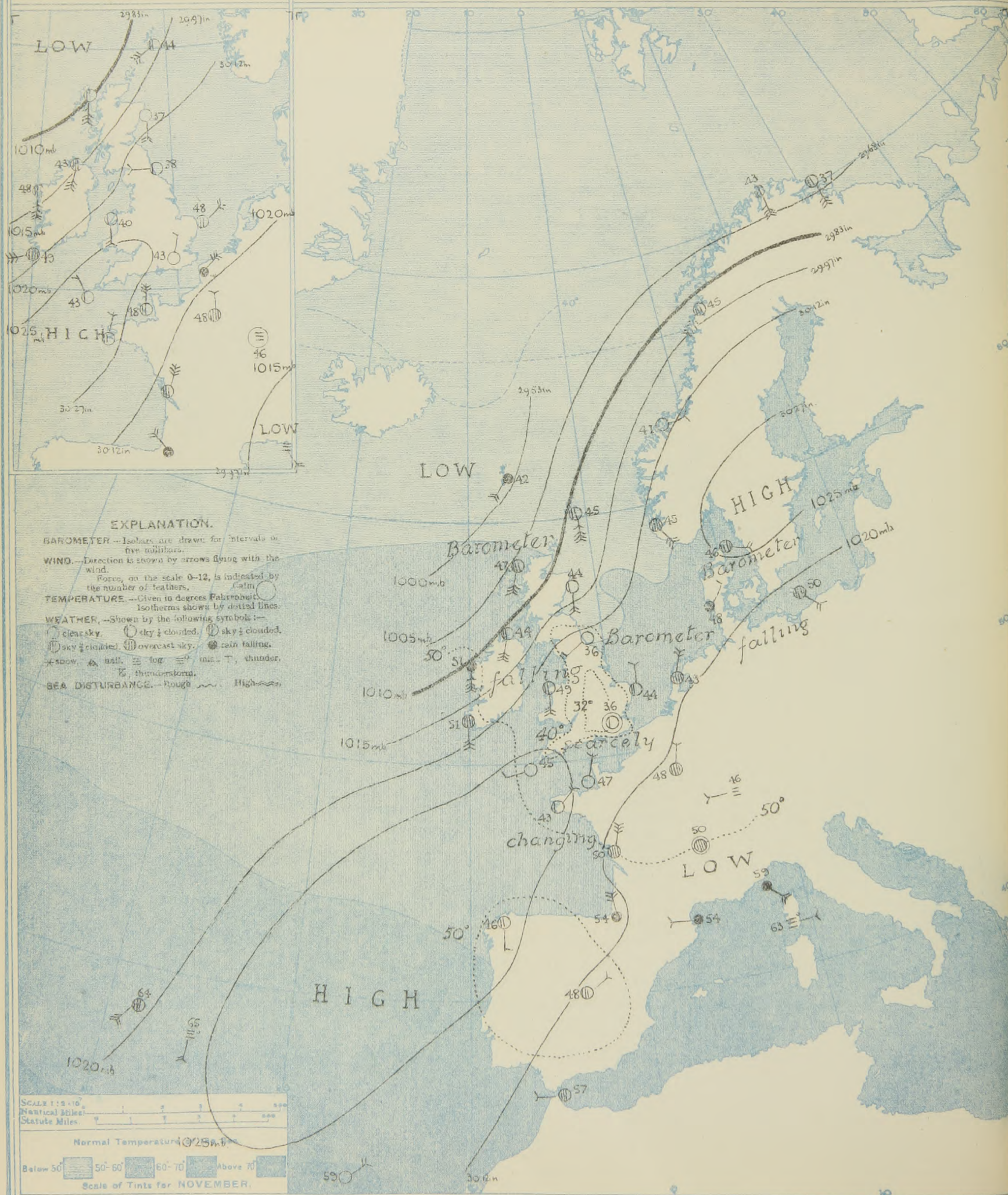
| STATIONS. | | EVENING OF... 5 TH | | | | | MORNING OF... 6 TH | | | | | | | | | | MORNING OF... 6 TH | | | | | | |
|-----------|----------------|---------------------------------------|-------|----------------|---|----------|-------------------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|-----------------------------------------------------------------------------------------------------|-------|--------------|---------------------------|--------|----------|----------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Force 0-12. | | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Dircc. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. | Change in 24 hours. | Dircc. | | Force 0-12. |
| | | | ° F. | | | | | | ° F. | ° F. | | | | | ° F. | ° F. | | | ° F. | ° F. | | | |
| RUSSIA. | Orlov ... | | | | | | | | | | | | | | | | Isafjord ... | 994.9 | 23 | -2 | NNW | 6 | S |
| | Kem ... | | | | | | | | | | | | | | | | Reykjavik | 995.7 | 23 | -9 | N | 2 | b |
| | Archangel ... | | | | | | | | | | | | | | * | | Vestmanna | 991.7 | 27 | -3 | - | 0 | b |
| | Mesen... | | | | | | | | | | | | | | | | Seydisfjord | 990.4 | 23 | -4 | N | 8 | S |
| SWEDEN. | Haparanda ... | 1016.4 | 41 | S | 6 | r | 1006.1 | * | 41 | ? | S | 6 | r | | | | Thorshavn | 992.1 | 40 | -1 | W | 5 | r |
| | Hernösand ... | 1009.6 | 48 | SW | 2 | r | 1009.5 | * | 41 | ? | S | 2 | b | x | * | * | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | |
| | Stockholm ... | 1012.6 | 48 | S | 4 | o | ?1023.8 | * | 46 | ? | S6W | 2 | c | x | x | x | 7 TH 8 TH NOV 1918. | | | | | | |
| | Wisby ... | 1015.4 | 48 | S | 2 | o | 1020.3 | * | 48 | ? | SW | 2 | o | x | x | x | Sunrise. Noon. Sunset. | | | | | | |
| | Sordovalva ... | | | | | | 1025.2 | x | 41 | ? | SE | 6 | o | | | | G.M.T. G.M.T. G.M.T. | | | | | | |
| | Hangö ... | | | | | | 1018.6 | x | 48 | ? | SSE | 5 | r | | | | Yarmouth ... | | | | | | |
| ITALY. | Venice ... | 1025.8 | 57 | - | 0 | b c | 1024.5 | x | 65 | ? | ENE | 1 | o | - | 63 | 55 | Greenwich ... | 7.5 | 11.44 | 11.44 | 4.21 | 4.21 | |
| | Turin ... | 1025.9 | ? | - | 0 | b | 1025.8 | x | 52 | ? | - | 0 | o | - | 59 | 50 | | | | | | | |
| | Pesaro ... | | | | | | x | | | | | | | | | | | | | | | | |
| | Leghorn ... | | | | | | x | | | | | | | | | | | | | | | | |
| | Rome ... | 1022.2 | 59 | - | 0 | b | 10214 | x | 54 | -1 | - | 0 | o | - | 73 | 54 | | | | | | | |
| | Viësti ... | 1023.9 | 63 | - | 0 | o | 1022.9 | x | 59 | -2 | - | 0 | o | - | 64 | 54 | | | | | | | |
| | Brindisi ... | | | | | | x | | | | | | | | | | | | | | | | |
| | Cagliari ... | | | | | | x | | | | | | | | | | | | | | | | |
| | Palermo ... | 1018.1 | 70 | - | 0 | s | 1019.8 | x | 66 | ? | ENE | 2 | o | - | 81 | 59 | | | | | | | |
| | Tripoli ... | | | | | | x | | | | | | | | | | | | | | | | |

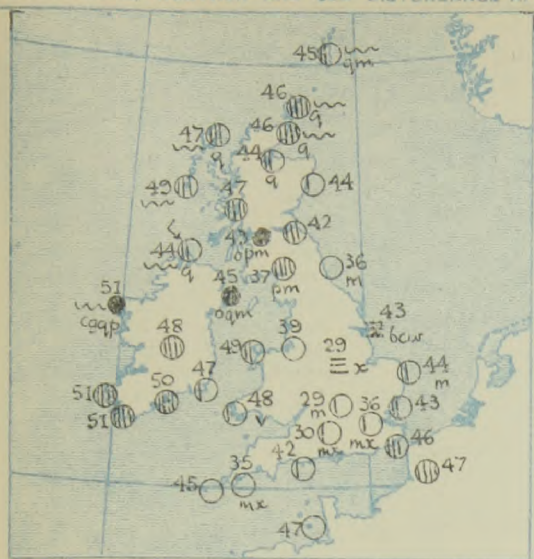
| LONDON | | | | | | | | | | SOUTH KENSINGTON (M.O.) | | | | | | | | | |
|-------------------------------------|------|-----------------|-----------------|--------------|------|---------------|------------|----------|------------|------------------------------------------------------------------------------------|--------|---------------|------------|---------|-------------|-------------|--|--|--|
| NOVEMBER 7 th 9h. G.M.T. | | | | | | | | | | Vertical Component of Solar Radiation per square Centimetre during 6 th | | | | | | | | | |
| HUMIDITY. | | Sun-shine for | | TEMPERATURE. | | | Rain-fall. | WEATHER. | | | Total. | Average Rate. | Max. Rate. | Joules. | Milliwatts. | Milliwatts. | | | |
| 15 h. | 9 h. | 6 th | 7 th | Max. | Min. | Min. on Grass | | Morning. | Afternoon. | Night | | | | | | | | | |
| GREENWICH (Royal Observatory) | 74 | 91 | 0.0 | 47 | 36 | 26 | - | 0 | 0 | c.b.c.o | 248 | 7.4 | 19 | | | | | | |
| CITY (Bunhill Row) | | | 0.1 | | | | | * | * | * | | | | | | | | | |
| WESTMINSTER (St. James's Park) | 84 | 96 | 0.0 | 48 | 38 | 34 | - | * | * | * | | | | | | | | | |
| " (Roof near Charing Cross) | 81 | 92 | 0.0 | 48 | 41 | | - | m.f. cm | cm. 0 | c.b. bcf | | | | | | | | | |
| CAMDEN SQ. (British Rainfall) | 79 | 94 | 0.0 | 48 | 36 | 30 | - | 0 | 0 | * | | | | | | | | | |
| KENSINGTON PALACE | 77 | 92 | * | 60 | 39 | 26 | - | 0 | 0 | * | | | | | | | | | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

7th, NOV, at 1h. G.M.T.

THE MORNING OF Thursday, 7th NOVEMBER 1918, at 7h. G.M.T.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Temperature failed to reach 50° except at some of our western and south-western stations. The minima of the night were a little below 32° in the south of Scotland and over a large area in England. Rain fell in the extreme north and west and also at Dungeness. In many parts of France rain was heavy - more than 25 mm. Many hours of bright sunshine were experienced in Ireland, Scotland and the south-west of England, but in the east and south-east there was none.

The Conditions at 7h. Today

The anticyclone now extends from the Azores - Madeira region north-eastwards across England and the North Sea to Denmark and Sweden. Another depression has appeared off the north-west of the British Isles, and the wind in Ireland and Scotland has increased considerably in force from the Southward, with a rise of temperature, much cloud, and rain in places. The French depression is either dispersing or moving away eastward. Fog prevails at Spurn Head and Nottingham, as well as in the east of France.

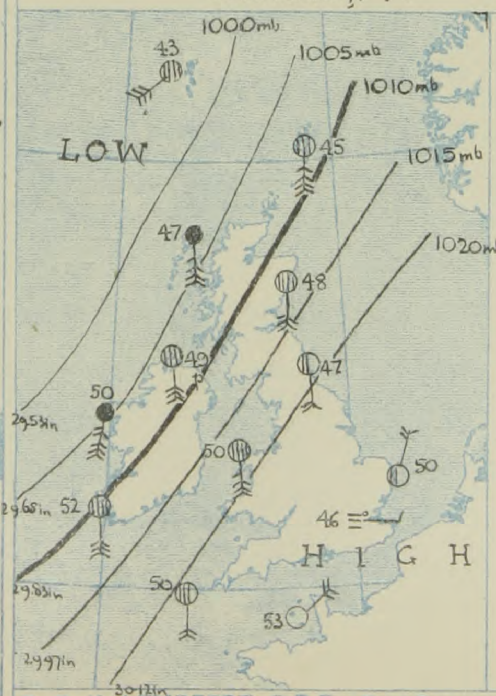
The Outlook

The Atlantic depression appears to be travelling northward, but it will extend still further over our western and northern districts and produce an extension of the area with S. and SW. winds. The south-eastern districts will continue under anticyclonic influence for a time.

H.H.

Thursday, 7^h

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



The Atlantic depression is extending considerably north-eastwards and the Southerly wind has reached the east coast of England.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No 311.

Thursday
November 7th

| STATIONS. | | EVENING OF 6 TH | | | | | MORNING OF 7 TH | | | | | | | | | | 24 HOURS ENDED 7 TH | | | | | | | Sun- shine for 6 TH Hours. |
|------------------|---------------------------|---------------------------------------|--------------|--------|----------------|----------|-------------------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|------------|-------------------------------------|--------------------------------|------|----------|------------|--------|-----|--|---------------------------------------------------|
| | | Barom. Milli- bars at M.S.L. | TEMP. °F. | WIND. | | Weather. | Barometer. Milli- bars at M.S.L. | Change in 3 hours. | TEMP. | | WIND. | | Direc. of Upper Cloud. | Weather. | Sea 0-9 | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | | |
| | | | | Direc. | Force 0-12. | | | | Dry Bulb. | Change in 24 hours. | Direc. | Force 0-12. | | | | | Max. | Min. | Morning | Afternoon. | Night. | | | |
| BRITISH ISLANDS. | Lerwick ... | 1015.2 | 42 | WSW | 5 | cmph | 1011.0 | -6 | 45 | +5 | S | 8 | S | bc | 5 | 3 | 45 | 39 | bcqph | cmqph | bcqm | | | |
| | Deerness (Orkney) ... | 1015.6 | 44 | SW | 5 | b | 1010.1 | * | 46 | +7 | S | 6 | - | og | 6 | - | 46 | 39 | b.be | bc.b | b.bcc | 4.3 | | |
| | Stornoway ... | 1012.6 | 44 | WSW | 6 | bcq | 1006.0 | 0 | 47 | +7 | SSW | 6 | - | c | 5 | 15 | 48 | 39 | cp | bcq | bcq | 4.5 | | |
| | Castlebay (Barrisd.) ... | 1014.9 | 48 | SSW | 5 | bc | 1007.7 | -3 | 49 | +4 | SW | 4 | - | c | 6 | 7 | 50 | 43 | c.opc | c.opc | bc.opc | 2.3 | | |
| | Glasgow ... | 1021.4 | 42 | SSW | 2 | b3 | 1017.2 | -3 | 43 | +2 | SSW | 5 | - | omp | 0.2 | 47 | 37 | b.bq | bc.bq | b.bq | 5.6 | | | |
| | Eskdalemuir ... | 1023.4 | 36 | SW | 2 | b | 1020.2 | -2 | 37 | +3 | S | 3 | - | opm | * | 1 | 44 | 27 | b.bq | bc.bq | b.bq | 7.5 | | |
| | Malin Head ... | 1017.6 | 44 | S | 4 | bc | 1010.6 | 0 | 44 | +1 | SSW | 6 | - | bcq | 5 | - | 49 | 40 | bcq | bcq | bcq | 5.3 | | |
| | Blacksod Point ... | 1016.7 | 47 | S | 6 | omq | 1010.0 | -4 | 51 | +7 | S | 8 | - | ogq | 6 | 3 | 52 | 43 | bcq | bcq | bcq | * | | |
| | Valencia (Cahirveen) ... | 1022.3 | 45 | S | 4 | b | 1016.1 | -3 | 51 | +14 | S | 5 | - | o | 5 | 3 | 51 | 36 | bcq | bcq | bcq | 7.6 | | |
| | Roche's Point ... | 1024.2 | 45 | WSW | 1 | b | 1020.3 | -1 | 50 | +13 | SSW | 6 | - | o | 6 | 1 | 53 | 37 | b.be | bc.b | b.b | | | |
| | Birr Castle ... | 1020.8 | 44 | S | 1 | c | 1016.9 | * | 48 | +14 | S | 2 | - | o | * | - | 50 | 34 | bc | bc | bc | 7.7 | | |
| | Donaghadee ... | 1019.5 | 43 | SW | 2 | bm | 1016.3 | -3 | 45 | +9 | SW | 5 | - | omq | 3 | 1 | 50 | 35 | bm | bm | bm | * | | |
| | Liverpool (Bidston) ... | 1023.9 | 44 | WSW | 1 | b | 1023.0 | +1 | 39 | -1 | S | 2 | - | b | 1 | - | 49 | 35 | b | b | bx | 7.8 | | |
| | Holyhead ... | 1023.6 | 45 | SW | 2 | bm | 1021.3 | -2 | 49 | +8 | S | 5 | - | bc | 4 | - | 53 | 43 | bc | bm | bc | 3.0 | | |
| | Pembroke (St. Ann's) ... | 1025.0 | 49 | - | 0 | bu | 1023.8 | -3 | 48 | +4 | SSW | 3 | - | bu | 2 | - | 51 | 42 | bc.b | bu | bu | 7.7 | | |
| | Hartland Quay ... | | | | | | | | | | | | | | | | | | | | | | | |
| | Scilly (St. Mary's) ... | 1025.6 | 46 | N | 2 | bc | 1025.2 | -2 | 45 | -2 | WSW | 1 | - | b | 2 | - | 52 | 43 | bu | bc | b | 8.5 | | |
| | Falmouth ... | 1024.8 | 43 | NNW | 2 | b3 | 1025.6 | -1 | 36 | -7 | - | 0 | - | b | * | - | 53 | 34 | b.bq | bcq | bx | 8.1 | | |
| | Jersey (St. Aubin) ... | 1021.6 | 50 | NNE | 4 | b | 1023.3 | +1 | 47 | -3 | NNE | 2 | - | b | 2 | - | 53 | 46 | o | o.b | o.c | 0.2 | | |
| | Portland Bill ... | 1022.9 | 49 | N | 2 | b | 1024.4 | 0 | 42 | -3 | N | 2 | - | b | 2 | - | 52 | 41 | bc | bc | b | * | | |
| | Dungeness ... | 1020.6 | 49 | NNE | 4 | T | 1021.4 | +1 | 46 | -1 | NNE | 3 | NE | c | 3 | 5 | 49 | 45 | c.o | or | or | * | | |
| NORTHERN EUROPE. | Wick ... | 1016.6 | 44 | SW | 3 | bcq | 1009.9 | -3 | 46 | +10 | SSW | 6 | - | og | 5 | - | 46 | 35 | bcq | bcq | bcq | * | | |
| | Nairn ... | 1016.4 | 41 | W | 1 | bc | 1010.5 | * | 44 | +7 | WSW | 4 | - | bcq | 2 | 0.2 | 44 | 35 | bc.be | bc | bc | 6.8 | | |
| | Aberdeen ... | 1020.2 | 44 | SSW | 3 | b | 1016.6 | -2 | 44 | +4 | S | 4 | - | b | 3 | - | 49 | 39 | bcq | bcq | bcq | 7.0 | | |
| | Leith ... | 1021.3 | 42 | SW | 2 | b | 1017.5 | -1 | 42 | +2 | SW | 1 | SW | c | 1 | - | 48 | 38 | b.bq | b.bq | b.bq | * | | |
| | Tynemouth ... | 1021.9 | 44 | - | 0 | bm | 1021.7 | +3 | 36 | -4 | WSW | 1 | - | bm | 2 | - | 49 | 36 | bm | bm | bm | * | | |
| | Spurn Head ... | 1024.1 | 45 | - | 0 | b | 1023.7 | 0 | 43 | 0 | WNW | 1 | - | bcfw | 1 | - | 48 | 40 | bm | bm | bm | 0.0 | | |
| | Yarmouth (Gorleston) ... | 1021.8 | 48 | NE | 2 | c | 1022.1 | 0 | 44 | +1 | N | 2 | - | bm | 2 | - | 49 | 43 | bc.cm | om.cm | cm.bm | 0.0 | | |
| | Clacton-on-Sea ... | 1022.6 | 46 | NW | 2 | ogm | 1023.0 | 0 | 43 | -1 | NNW | 3 | NW | bc | 1 | 1 | 48 | 42 | c.om | ogm | ogm | 0.0 | | |
| | Nottingham ... | 1024.4 | 37 | SW | 1 | b | 1024.6 | * | 29 | -2 | W | 1 | - | gx | * | - | 48 | 28 | fmb | cm | bc.cm | 2.6 | | |
| | Benson (Oxon.) ... | 1023.8 | 41 | N | 1 | bc | 1024.3 | 0 | 29 | -3 | - | 0 | - | bm | * | 0.1 | 47 | 28 | b | bc | om | * | | |
| FRANCE, &c. | Sth Farnborough ... | 1023.1 | 43 | N | 2 | o | 1024.6 | 0 | 31 | -6 | NW | 2 | SW | bm | * | - | 48 | 31 | om | om | om | 0.0 | | |
| | Salisbury Plain ... | 1024.4 | 39 | N | 2 | bc | 1025.3 | 0 | 30 | -1 | NW | 2 | - | bm | * | - | 49 | 29 | bc | bc | bm | 0.0 | | |
| | London (Kew Obs.) ... | 1023.6 | 44 | N | 1 | cm | 1024.4 | 0 | 36 | -6 | - | 0 | - | mbx | * | - | 47 | 35 | om | om | om | 0.0 | | |
| | Spitsbergen ... | 1001.9 | 41 | S | 5 | o | 1003.7 | +3 | 37 | -4 | S | 6 | - | bc | 3 | * | 42 | 37 | | | | | | |
| | Vardø ... | 997.9 | 43 | S | 4 | b | 1000.8 | * | 43 | -3 | S | 7 | - | c | 4 | - | 46 | 37 | | | | | | |
| | Gjesvær ... | 1002.1 | 41 | SW | 6 | T | 1014.0 | +8 | 46 | 0 | SW | 8 | - | c | 5 | - | 45 | 37 | | | | | | |
| | Bodø ... | 1011.9 | 43 | WSW | 6 | T | 1019.5 | 0 | 41 | -4 | ENE | 2 | - | b | 3 | 5 | 46 | 39 | | | | | | |
| | Christiansund ... | 1022.9 | 45 | SW | 4 | b | 1023.7 | 0 | 45 | -1 | SE | 5 | - | o | 4 | - | 46 | 43 | | | | | | |
| | Skudesnaes ... | 1023.4 | 46 | WSW | 4 | b | 1025.7 | -1 | 45 | -3 | ESE | 1 | - | o | 2 | - | 48 | 43 | | | | | | |
| | Færder (Xtania Fjord) ... | 1023.5 | 43 | SW | 1 | bc | 1024.4 | -1 | 46 | +1 | ESE | 3 | - | o | 3 | - | 50 | 41 | | | | | | |
| IBERIA, &c. | The Scaw (Skagen) ... | 1026.3 | 46 | NNE | 1 | o | 1022.9 | -1 | 45 | -1 | ENE | 1 | - | T | * | 4 | 52 | 43 | | | | | | |
| | Blaavands Huk ... | 1025.3 | 50 | W | 1 | m | 1020.2 | -4 | 48 | -2 | NE | 3 | - | m | * | 1 | 52 | 48 | | | | | | |
| | Copenhagen ... | 1025.3 | 50 | ESE | 1 | m | 1019.4 | -2 | 50 | +5 | SE | 3 | - | o | 0 | 3 | 50 | 45 | | | | | | |
| | Bornholm ... | 1023.6 | 50 | NNE | 3 | T | 1020.8 | 0 | 48 | +2 | NNE | 4 | - | o | 3 | 10 | 50 | 46 | | | | | | |
| | The Helder ... | 1020.2 | 50 | NNE | 4 | T | 1021.2 | +2 | 50 | +2 | ENE | 5 | * | c | * | 18 | 54 | 48 | | | | | | |
| | C. Gris Nez ... | 1021.1 | 46 | NE | 4 | T | 1021.1 | 0 | 48 | 0 | NE | 5 | * | o | * | 8 | 50 | 46 | | | | | | |
| | La Hève ... | 1024.0 | 54 | N | 3 | bc | 1025.7 | -1 | 43 | -3 | NE | 3 | * | b | * | - | 65 | 43 | | | | | | |
| | Brest (St. Mathieu) ... | 1013.9 | 48 | NNE | 6 | T | 1018.6 | +3 | 50 | -4 | NNE | 6 | * | o | * | 33 | 54 | 46 | | | | | | |
| | Rocheville (le d'Aix) ... | 1011.2 | 57 | NNW | 5 | o | 1020.3 | +5 | 54 | -1 | NNW | 5 | * | T | * | 21 | 59 | 54 | | | | | | |
| | Biarritz ... | 1017.6 | 48 | NNE | 2 | T | 1019.9 | +3 | 48 | 0 | NNE | 2 | * | o | * | 26 | 50 | 48 | | | | | | |
| MEDITERRANEAN. | Belfort ... | 1015.5 | 55 | - | 0 | bc | 1018.1 | +2 | 50 | +2 | - | 0 | * | f | * | - | 59 | 46 | | | | | | |
| | Lyons ... | 1016.8 | 63 | E | 6 | o | 1018.3 | +1 | 59 | -5 | SE | 4 | * | T | * | 30 | 64 | 54 | | | | | | |
| | Nice ... | 1012.2 | 61 | - | 0 | T | 1016.6 | +4 | 54 | -7 | W | 2 | * | T | * | 30 | 64 | 54 | | | | | | |
| | Perpignan ... | 1014.6 | 72 | E | 4 | o | 1015.9 | +1 | 63 | -7 | E | 2 | * | m | * | - | 68 | 41 | | | | | | |
| | Sanguinaire ... | 1021.2 | 57 | ENE | 5 | c | 1026.0 | +1 | 46 | -8 | S | 1 | - | bc | 4 | - | 57 | 45 | | | | | | |
| | Corunna ... | 1011.0 | 54 | - | 0 | o | 1019.7 | +5 | 48 | ? | NE | 2 | - | c | * | 1 | 54 | 48 | | | | | | |
| | Madrid ... | | | | | | | | | | | | | | | | | | | | | | | |
| | Lisbon ... | | | | | | | | | | | | | | | | | | | | | | | |
| | Azores (Horta) ... | 1025.0 | * | SE | 4 | c | 1019.1 | -1 | 64 | +3 | SW | 5 | * | c | 3 | - | 68 | 61 | | | | | | |
| | „ (P. Delgada) ... | 1025.3 | * | ESE | 3 | b | 1024.8 | 0 | 65 | +2 | S | 3 | * | m | 3 | - | 66 | 61 | | | | | | |
| | Madeira ... | 1019.9 | 70 | NW | 3 | c | 1023.4 | +1 | 59 | -4 | NE | 3 | - | b | 3 | - | 72 | 57 | | | | | | |
| | Gibraltar ... | 1011.6 | 57 | NW | 1 | o | 1013.2 | * | 57 | ? | W | 2 | * | c | 1 | 21 | 63 | 54 | | | | | | |
| | Algiers ... | | * | * | * | * | | | | | | | | | | | | | | | | | | |
| | Malta ... | | | | | | | | | | | | | | | | | | | | | | | |
| | Salonica ... | | | | | | | | | | | | | | | | | | | | | | | |
| | Athens ... | | | | | | | | | | | | | | | | | | | | | | | |
| | Candia ... | | | | | | | | | | | | | | | | | | | | | | | |

THE BEAUFORT SCALE OF WIND FORCE.

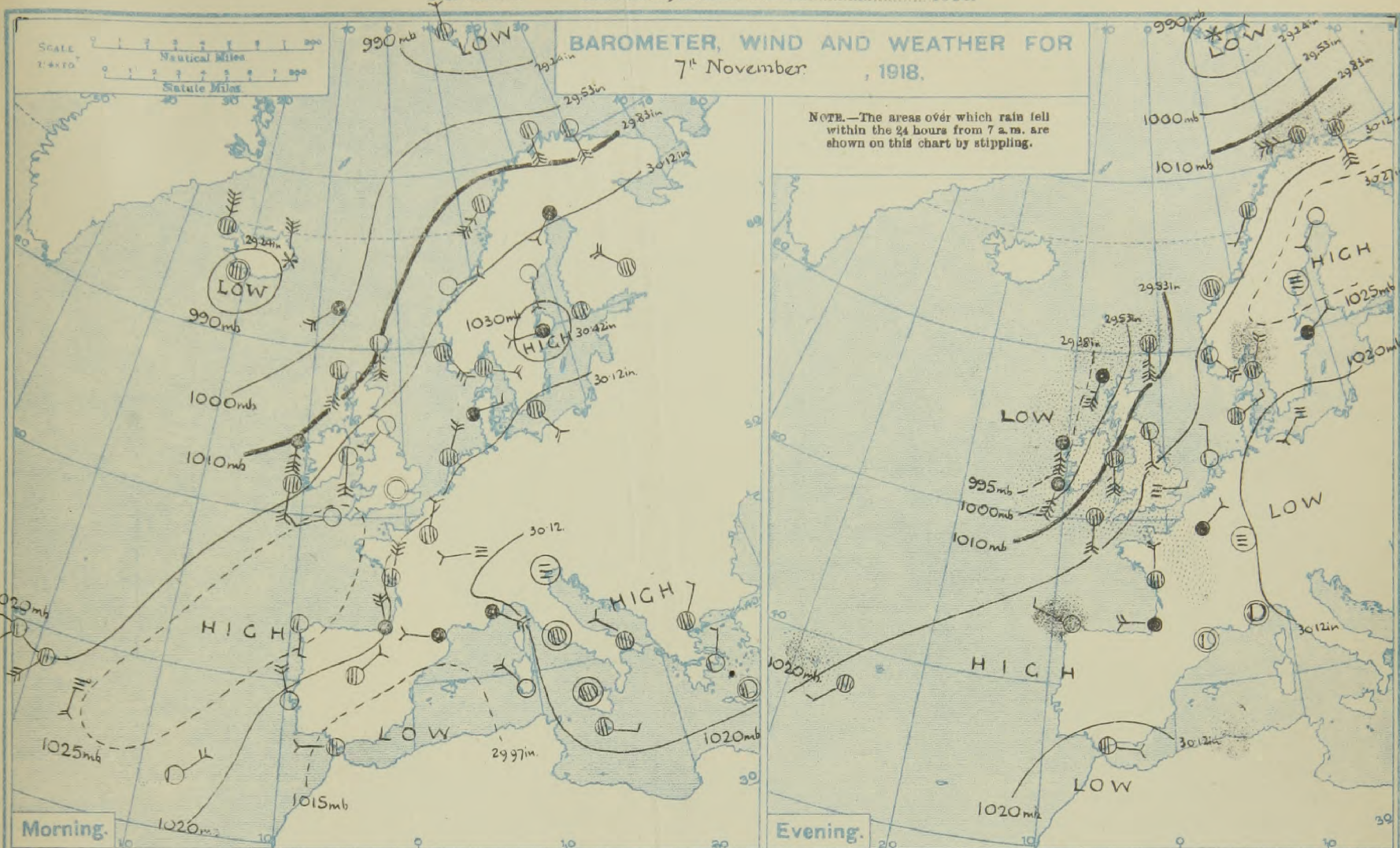
| No. | Limits of Velocity. | |
|-----|-------------------------|--------------------|
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0·3 |
| 1 | 1-3 | 0·3-1·5 |
| 2 | 4-7 | 1·6-3·3 |
| 3 | 8-12 | 3·4-5·4 |
| 4 | 13-18 | 5·5-7·9 |
| 5 | 19-24 | 8·0-10·7 |
| 6 | 25-31 | 10·8-13·8 |
| 7 | 32-38 | 13·9-17·1 |
| 8 | 39-46 | 17·2-20·7 |
| 9 | 47-54 | 20·8-24·4 |
| 10 | 55-63 | 24·5-23·1 |
| 11 | 64-75 | 28·5-33·5 |
| 12 | Above 76 | 33·6 or above |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,805.

Friday, 8th November,

1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 7th NOVEMBER.

| STATIONS. | | EVENING OF 6 TH | | | | | MORNING OF 7 TH | | | | | | | | | | MORNING OF 7 TH | | | | | | |
|-----------|---------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|------|--------------|--------------------------------------------------------------------------------------------------|-------|--------------|---------------------------|----------|----------|----------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. | Change in 24 hours. | Dirac. | | Force 0-12. |
| RUSSIA. | Orlov ... | | ° F. | | | | | ° F. | ° F. | | | | | ° F. | ° F. | Isafjord ... | 992.8 | 19 | -4 | N | 1 | S | |
| | Kem ... | | | | | | | | | | | | | | | | Reykjavik | 998.9 | 21 | -2 | N | 8 | O |
| | Archangel ... | | | | | | | | | | | | | * | | | Vestmanna | 988.8 | 30 | +3 | - | 0 | C |
| | Mesen... | | | | | | | | | | | | | | | | Seydisfjord | 991.9 | 21 | -2 | N | 6 | S |
| SWEDEN. | Haparanda ... | 1009.6 | 45 | SSW | 6 | b | 1019.6 | | 37 | -4 | SW | 2 | r | | | Thorshavn | 998.2 | 42 | +2 | SW | 4 | r | |
| | Hernösand ... | 1016.3 | 43 | SSE | 4 | b | 1027.0 | * | 37 | -4 | S | 2 | b | * | * | | | | | | | | |
| | Stockholm ... | 1024.8 | 45 | S | 2 | c | 1020.3 | * | 43 | -3 | W | 2 | r | * | * | | | | | | | | |
| | Wisby ... | 1026.1 | 48 | SSW | 2 | o | 1027.1 | * | 48 | 0 | ENE | 4 | o | * | * | | | | | | | | |
| | Sordovalä ... | | | | | | 1028.8 | | 41 | 0 | S | 1 | o | * | * | | | | | | | | |
| Hangö ... | | | | | | 1029.5 | | 46 | -2 | - | 0 | o | | | | | | | | | | | |
| ITALY. | Venice ... | 1022.1 | 59 | - | 0 | b | 1022.1 | * | 54 | -1 | - | 0 | f | - | 66 | 54 | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | |
| | Turin ... | 1008.9 | 54 | - | 0 | r | 1022.3 | * | 54 | +2 | - | 0 | r | 15 | 55 | 52 | 8 TH 9 TH NOV 1918. | | | | Sunrise. | Noon. | Sunset. |
| | Pesaro ... | 1022.9 | 59 | - | 0 | f | 1022.9 | * | 54 | ? | - | 0 | f | - | 63 | 50 | | | | | G.M.T. | G.M.T. | G.M.T. |
| | Leghorn ... | | | | | | | | | | | | | | | | Yarmouth ... | 7.2 | 11.37 | 4.10 | | | |
| | Rome ... | 1020.5 | 57 | - | 0 | b | 1020.7 | * | 54 | 0 | - | 0 | o | - | 68 | 52 | | 7.4 | 11.37 | 4.10 | | | |
| | Viesti ... | | | | | | | | | | | | | | | | | 7.7 | 11.44 | 4.21 | | | |
| | Brindisi ... | 1022.1 | 68 | - | 0 | c | 1021.7 | * | 59 | ? | NW | 2 | o | - | 63 | 59 | | 7.9 | 11.44 | 4.19 | | | |
| | Cagliari ... | 1015.3 | 73 | SE | 5 | b | 1017.0 | * | 63 | ? | NW | 3 | b | - | 77 | 57 | | | | | | | |
| | Palermo ... | 1018.5 | 66 | - | 0 | o | 1020.1 | * | 66 | 0 | - | 0 | o | - | 81 | 54 | | 7.46 | 11.54 | 4.6 | | | |
| | Tripoli ... | | | | | | | | | | | | | | | | | 7.49 | 11.56 | 4.3 | | | |
| | | | | | | | | | | | | | | | | | | | 12.25 | 5.1 | | | |
| | | | | | | | | | | | | | | | | | | 7.51 | 12.25 | 4.59 | | | |

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

| 8 th 9 th Nov 1918. | Sunrise. | Noon. | Sunset. |
|-------------------------------------------|----------|--------|---------|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7.2 | 11.37 | 4.10 |
| Greenwich ... | 7.4 | 11.37 | 4.10 |
| Wick ... | 7.7 | 11.44 | 4.21 |
| Valencia ... | 7.9 | 11.44 | 4.19 |
| | 7.46 | 11.56 | 4.6 |
| | 7.49 | 11.56 | 4.3 |
| | 7.51 | 12.25 | 5.1 |
| | | 12.25 | 4.59 |

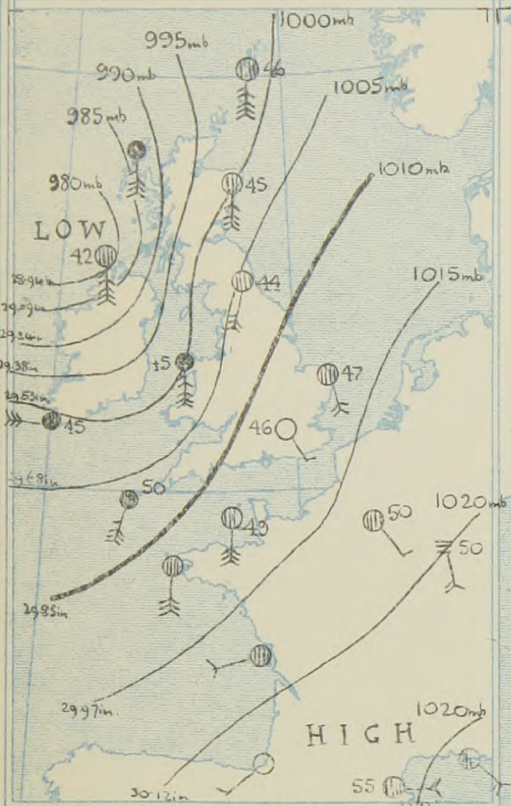
| LONDON | | HUMIDITY. | | Sun-shine for 7 th | TEMPERATURE. | | | Rain-fall. | WEATHER. | | |
|--------------------------------|------------|-----------|-----|-------------------------------|--------------|------|----------------|------------|----------|------------|-----------|
| 8 th NOVEMBER. | 9h. G.M.T. | 15h. | 9h. | | Max. | Min. | Min. on Grass. | | Morning. | Afternoon. | Night. |
| GREENWICH (Royal Observatory) | | 73 | 93 | 3.1 | 51 | 37 | 27 | 2 | b.b.f | b.c.c | wo.or |
| CITY (Bunhill Row) | | * | * | 2.7 | * | * | * | * | * | * | * |
| WESTMINSTER (St. James's Park) | | 92 | 93 | 0.2 | 51 | 37 | 32 | 2 | * | * | * |
| " (Roof near Charing Cross) | | 87 | 96 | 0.4 | 50 | 40 | * | 2 | b.c.f | f.b.c.f | f.b.c.org |
| CAMDEN SQ. (British Rainfall) | | 78 | 92 | 3.3 | 51 | 37 | 30 | 2 | b.c | b.c.c | * |
| KENSINGTON PALACE | | 86 | 90 | * | 50 | 37 | 25 | 2 | f | o | * |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 7 th | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 192 | 5.7 | 15 |

8th , NOV, at 1h. G.M.T.

THE MORNING OF Friday, 8th NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers. Calm

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

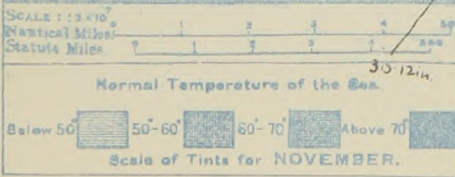
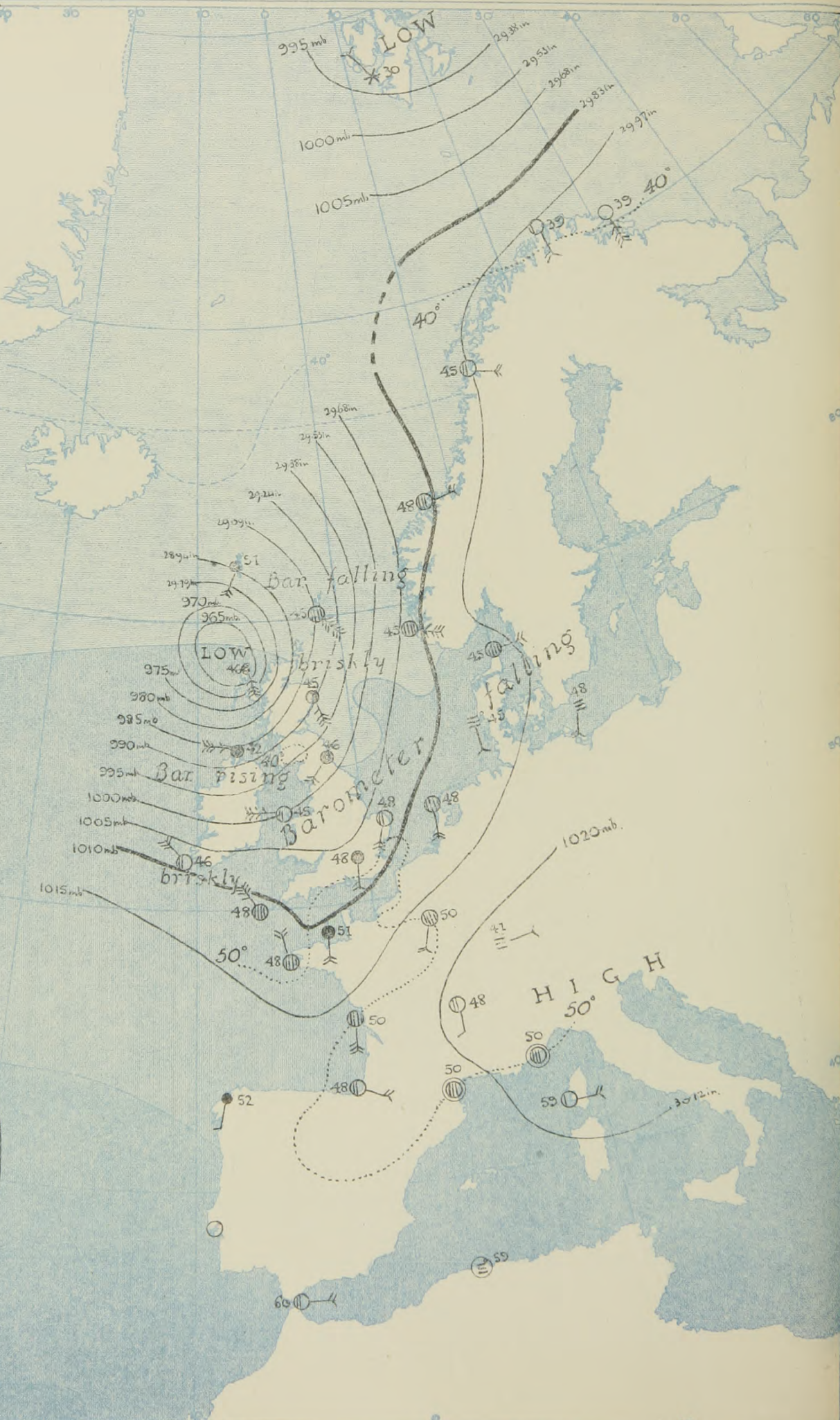
clear sky. sky & clouded. sky & clouded.

overcast sky. rain falling.

thunderstorm.

mist. thunder.

DISTURBANCE.—Rough High



Notes on the Weather of the 24 hours ended 7h. Today

Temperature rose to about 50° in most parts of the Kingdom, and the minimum readings of the night were not low except in the south-east. Rain fell very generally, the amount being rather large in Ireland, and as much as 37 mm. at Stornoway. The day was sunless in Ireland, and nearly so in Scotland, but various parts of England had good records; 6.8 hours at Liverpool, and 7.5 hours at South Farnborough.

The Conditions at 7h. Today

The centre of a depression of great depth lies to the north-westward of Stornoway, while a secondary disturbance is shown over the English Channel. Pressure is highest over the Azores, but is nearly as high in Northern Italy and the SE. of France. Violent gales from the Westward are reported on the North coast of Ireland, and from S. and SE. in the north of Scotland. Over the British Isles generally the wind is moderate to high - from the Westward in the west, and from the Southward in the east. Rain is falling in various localities, and many places report squalls. Temperature has risen quickly in the east and south of England.

The Outlook

The pressure distribution seems likely to continue favourable for the advance of further Atlantic depressions to the British Isles and their vicinity, and unstable weather is, therefore, still anticipated.

H. H.

NOTES.

Lerwick 7h 7h-7h 8h
Extreme S.E. 12 h-7h 8h
Castletown 19h 7h-7h 8h
Extreme WNW 10 at 7h
Glasgow 1h-5h 8h S.E.

Malin Head 2h 7h-7h 8h
Extreme S.E. early morn.
Blackhead Point 7h 7h-7h 8h
Extreme S.W. 10 at 18h 7h

Rock's Point 17h-24h 7h
Extreme S.W. 10 at 2h
Pembroke 20h 7h-3h 8h
Extreme S.E. Line Squall 3h 8h

Wick 1h-7h 8h
Extreme S.W. 10 at 3h

Abbeyside 7h Gusts 28 mps
Holyhead 20h 7h-3h 8h
Extreme S.W. 10 at 23h

Deerness 14h 7h-7h 8h
Extreme S.E. 9 at 7h

Oban
Strong gale night of 7h
Eskdalemuir 1-2h 8h

Extreme S.W. 33 mps
Lough Foyle 12h 7h-7h 8h

Extreme S.W. 12 at 4h gust 110 mps

Valencia 16h-22h 7h

Extreme S.E. at 20h

Birr Castle 9h 7h-1h 8h S.E.

Donaghadee 22h 7h-1h 8h S.E.

Harland Quay S.W. 8 at 4h 8h

Stilly Gust 20 mps at 2h 8h

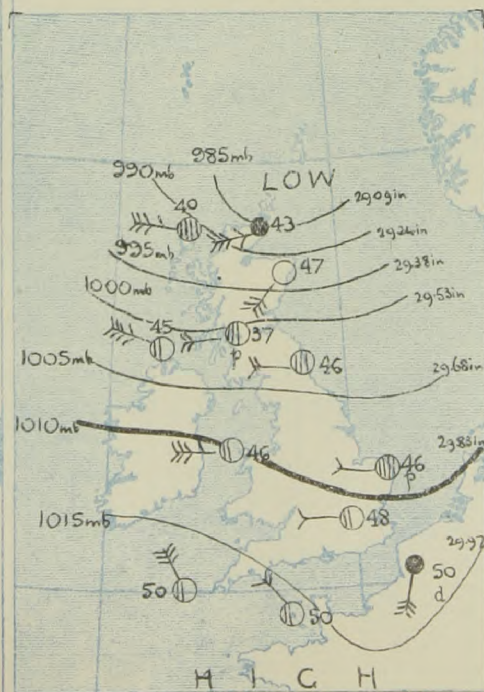
Nairn 22h 7h-1h 8h

Extreme WSW 9 at 3h

Edinburgh S.W. 8 in night of 7h

Friday, 8h.

NOVEMBER, 1918, at 13h. (1 p.m.) G.M.T.



The depression in the north is moving north-eastward and the barometer is rising quickly in the Hebrides.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 312

FRIDAY
NOVEMBER 8TH

| STATIONS. | | EVENING OF 7 TH | | | | | MORNING OF 8 TH | | | | | | | | | | 24 HOURS ENDED 7 TH | | | | | | Sunshine for 7 TH |
|----------------------------------------------------|-----------------------------------|----------------------------|---------------|--------------------|-------------|----------|--------------------------------|--------------------|-----------|-----|-------|-------------|----------------------|----------|----------|-------------------------|--------------------------------|------|----------|------------|--------|-----|------------------------------|
| | | Barom. Millibars at M.S.L. | Temp. | WIND. | | Weather. | Barometer. Millibars at M.S.L. | Change in 3 hours. | Temp. °F. | °C. | WIND. | | Dir. of Upper Cloud. | Weather. | Sea 0-9. | Rain-fall. Millimetres. | TEMP. | | WEATHER. | | | | |
| | | | | Dir. | Force 0-12. | | | | | | Dir. | Force 0-12. | | | | | Max. | Min. | Morning. | Afternoon. | Night. | | |
| BRITISH ISLANDS. | Lerwick | 1004.1 | 46 | S | 4 | omg | 983.8 | -15 | 45 | 0 | SE | 12 | - | omg | 8 | 1 | 47 | 39 | omg | omg | omg | 1.0 | |
| | Deerness (Orkney) | 1003.0 | 49 | SSE | 8 | omg | 981.0 | * | 47 | +1 | SE | 9 | - | omg | 8 | - | 49 | 44 | omg | omg | omg | 0.0 | |
| | Stornoway | 997.9 | 45 | SSW | 7 | omg | 961.8 | -28 | 46 | -1 | SSE | 8 | - | omg | 7 | 37 | 49 | 40 | omg | omg | omg | 0.0 | |
| | Castlebay (Barra Is.) | 999.8 | 49 | S | 7 | r | 976.1 | +22 | 43 | -6 | WNW | 10 | - | omg | 8 | 16 | 52 | 41 | c. op | omg | omg | 0.0 | |
| | Glasgow | 1009.3 | 47 | S | 5 | og | 992.0 | +2 | 42 | -1 | SSW | 6 | - | o | * | 3 | 49 | 40 | omg | omg | omg | 0.0 | |
| | Eskdalemuir | 1013.2 | 42 | S | 4 | o | 996.3 | +2 | 39 | +2 | SSW | 5 | - | o | * | 12 | 44 | 36 | omg | omg | omg | 0.0 | |
| | Malin Head | 999.4 | 48 | S | 6 | omg | 988.8 | +13 | 42 | -2 | WNW | 8 | W | omg | 7 | 6 | 49 | 34 | omg | omg | omg | 0.0 | |
| | Blacksod Point | 992.6 | 46 | S | 9 | omg | | | | | | | | omg | | | | | omg | omg | omg | 0.0 | |
| | Valencia (Cahireveen) | 997.6 | 47 | SSE | 8 | r | 1009.1 | +8 | 46 | -5 | NW | 5 | - | bc | 6 | 19 | 52 | 49 | omg | omg | omg | 0.0 | |
| | Roche's Point | 1006.3 | 51 | SSW | 8 | r | 1007.7 | +3 | 42 | -8 | W | 3 | - | b | 5 | 11 | 52 | 41 | o | omg | omg | 0.0 | |
| NORTHERN EUROPE. | Birr Castle | 1004.3 | 48 | S | 6 | o | 1004.4 | * | 39 | -9 | WSW | 2 | - | o | * | 4 | 51 | 38 | c | omg | omg | 0.0 | |
| | Donaghadee | 1008.8 | 49 | SW | 5 | omg | 992.5 | +6 | 40 | -5 | WSW | 6 | W | bcgm | 6 | 18 | 50 | 40 | omg | omg | omg | 0.0 | |
| | Liverpool (Bidston) | 1015.6 | 44 | SE | 3 | o | 1002.2 | +2 | 44 | +5 | WSW | 3 | W | o | 4 | 1 | 47 | 39 | b | omg | omg | 6.8 | |
| | Holyhead | 1012.6 | 49 | S | 7 | og | 1002.2 | +6 | 45 | -4 | W | 7 | W | bcq | 6 | 10 | 51 | 44 | c. og | omg | omg | 1.2 | |
| | Pembroke (St. Ann's) | 1016.1 | 49 | E | 5 | og | 1006.9 | +7 | 46 | -2 | W | 5 | W | og | 7 | 7 | 51 | 41 | bc | omg | omg | 2.9 | |
| | Hartland Quay | 1017.0 | 46 | S | 4 | o | 1008.6 | +8 | 49 | ? | WNW | 5 | W | og | 7 | 8 | 52 | 41 | bc | omg | omg | 0.0 | |
| | Scilly (St. Mary's) | 1017.0 | 50 | S | 5 | o | 1011.6 | +7 | 48 | +3 | NW | 4 | NW | o | 7 | 7 | 52 | 44 | bc | omg | omg | 4.4 | |
| | Falmouth | 1018.1 | 48 | SSE | 6 | og | 1010.1 | +7 | 46 | +11 | WNW | 5 | - | og | * | 11 | 52 | 39 | bc | omg | omg | 5.3 | |
| | Jersey (St. Aubin) | 1021.1 | 45 | NNE | 2 | bm | 1011.4 | -1 | 51 | +4 | S | 4 | - | or | 0 | 3 | 54 | 43 | bc | omg | omg | 8.0 | |
| | Portland Bill | 1019.4 | 51 | SSE | 3 | bc | 1006.3 | -3 | 50 | +8 | WSW | 7 | - | or | 5 | 1 | 53 | 47 | b | omg | omg | * | |
| FRANCE, &c. | Dungeness | 1021.0 | 47 | N | 2 | c | 1009.8 | -2 | 53 | +5 | SW | 5 | SW | c | 4 | - | 53 | 44 | c | omg | omg | * | |
| | Wick | 1003.5 | 48 | S | 6 | omg | 981.5 | -13 | 46 | 0 | S | 10 | - | omg | 8 | - | 49 | 45 | og | omg | omg | * | |
| | Nairn | 1003.7 | 50 | SSW | 4 | og | 980.3 | * | 42 | -2 | SW | 6 | - | og | 3 | - | 50 | 39 | bc | omg | omg | 3.8 | |
| | Aberdeen | 1010.4 | 49 | S | 6 | og | 984.7 | -8 | 45 | +1 | SSE | 7 | - | og | 6 | 8 | 49 | 44 | bc | omg | omg | 0.3 | |
| | Leith | 1010.5 | 48 | SW | 4 | o | 992.2 | +1 | 44 | +2 | SW | 5 | - | c | 3 | 1 | 50 | 41 | og | omg | omg | 0.0 | |
| | Tynemouth | 1015.6 | 44 | S | 3 | bm | 997.0 | -5 | 46 | +10 | SW | 4 | - | omg | 4 | 3 | 47 | 35 | bm | omg | omg | * | |
| | Spurn Head | 1020.0 | 46 | SW | 2 | bm | 1003.2 | -8 | 47 | +4 | S | 5 | - | og | 5 | 3 | 48 | 43 | bm | omg | omg | 4.0 | |
| | Yarmouth (Gorleston) | 1020.9 | 48 | ESE | 2 | b | 1009.1 | -4 | 48 | +4 | SSW | 4 | - | bm | 3 | - | 52 | 43 | bm | omg | omg | 1.7 | |
| | Clacton-on-Sea | 1021.7 | 48 | ENE | 2 | bm | 1009.5 | -3 | 50 | +7 | S | 4 | SW | c | 3 | - | 52 | 43 | bc | omg | omg | 4.7 | |
| | Nottingham | 1019.8 | 38 | S | 1 | b | 1003.4 | * | 47 | +18 | SW | 4 | SW | or | * | 1 | 48 | 27 | fb | omg | omg | 3.2 | |
| MEDITERRANEAN. | Benson (Oxon.) | 1021.0 | 33 | - | 0 | b | 1006.1 | -4 | 46 | +17 | S | 5 | - | r | * | 1 | 48 | 28 | bm | omg | omg | * | |
| | Sth Farnborough | 1021.6 | 35 | SSE | 1 | bm | 1008.1 | -4 | 47 | +16 | S | 4 | - | r | * | 1 | 50 | 31 | bm | omg | omg | 7.5 | |
| | Salisbury Plain | 1021.5 | 40 | SE | 1 | b | 1006.9 | -6 | 47 | +17 | S | 2 | - | r | * | 2 | 50 | 29 | bm | omg | omg | - | |
| | London (Kew Obs.) | 1021.5 | 36 | B | 1 | f | 1008.2 | -4 | 48 | +12 | S | 3 | - | or | * | 0.3 | 49 | 31 | bm | omg | omg | 3.6 | |
| | Spitsbergen | 986.9 | 34 | E | 2 | S | 994.6 | +3 | 30 | +3 | NW | 2 | * | S | * | 34 | 27 | | | | | | |
| | Vardö | 1014.9 | 39 | S | 7 | o | 1019.1 | 0 | 39 | +2 | S | 8 | * | b | * | 39 | 36 | | | | | | |
| | Gjesvær | 1011.0 | 45 | W | 7 | o | 1015.7 | * | 39 | -4 | S | 3 | - | b | 4 | 5 | 37 | | | | | | |
| | Bodö | 1017.6 | 41 | SSW | 1 | c | 1015.0 | 0 | 45 | 0 | ESE | 4 | - | bc | 4 | - | 46 | 36 | | | | | |
| | Christiansund | 1015.8 | 45 | - | 0 | o | 1008.2 | -6 | 48 | +7 | ENE | 3 | - | c | 2 | - | 48 | 41 | | | | | |
| | Skudesnaes | 1020.4 | 46 | SE | 6 | c | 1008.3 | -10 | 45 | 0 | ESE | 8 | - | o | 5 | - | 48 | 41 | | | | | |
| IBERIA, &c. | Færder (Xaniafjord) | 1024.2 | 41 | NNW | 2 | bc | 1016.6 | -7 | 39 | -6 | ENE | 5 | - | o | 2 | 1 | 39 | | | | | | |
| | The Scaw (Skagen) | 1021.9 | 45 | NNE | 4 | o | 1014.7 | -5 | 46 | -1 | E | 4 | - | o | 4 | 1 | 46 | 43 | | | | | |
| | Blaavands Huk | 1022.6 | 43 | NE | 1 | o | 1013.1 | -5 | 45 | 0 | SSE | 2 | - | m | * | TRACE | 46 | 41 | | | | | |
| | Copenhagen | 1019.9 | 50 | NNE | 2 | f | 1015.9 | -2 | 50 | +2 | NE | 2 | - | f | * | - | 50 | 48 | | | | | |
| | Bornholm | 1019.1 | 50 | SW | 2 | f | 1016.8 | -1 | 48 | -2 | NW | 3 | - | f | 0 | - | 54 | 46 | | | | | |
| | The Helder | 1021.7 | 48 | N | 1 | b | 1011.5 | -4 | 48 | 0 | S | 4 | - | o | 2 | TRACE | 50 | 46 | | | | | |
| | C. Gris Nez | 1021.3 | 48 | E | 2 | bc | 1011.5 | -1 | 52 | +2 | SW | 6 | * | o | * | - | 54 | 45 | | | | | |
| | La Hève | 1022.9 | 50 | ENE | 3 | o | 1014.3 | -1 | 50 | +2 | SW | 5 | * | o | * | 10 | 52 | 46 | | | | | |
| | Brest (St. Mathieu) | 1021.2 | 48 | SSW | 3 | o | | | | | | | * | o | * | * | * | * | * | | | | |
| | Rochefort (Ile d'Aix) | 1020.8 | 50 | N | 3 | o | 1016.8 | -1 | 50 | 0 | S | 5 | * | o | * | - | 54 | 48 | | | | | |
| MEDITERRANEAN. | Biarritz | 1021.6 | 54 | W | 3 | r | 1016.8 | -1 | 48 | -6 | ESE | 3 | * | bc | * | 5 | 54 | 48 | | | | | |
| | Paris | 1021.1 | 48 | NE | 2 | r | 1016.4 | 0 | 50 | +2 | SSW | 3 | * | o | * | 3 | 52 | 48 | | | | | |
| | Belfort | 1022.6 | 48 | WSW | 6 | f | 1022.6 | * | 41 | -5 | E | 2 | * | f | * | - | 52 | 41 | | | | | |
| | Lyons | 1021.5 | 52 | - | 0 | o | 1020.2 | 0 | 48 | -2 | - | 0 | * | bc | * | 12 | 55 | 48 | | | | | |
| | Nice | 1021.6 | 57 | - | 0 | b | 1022.0 | +1 | 59 | 0 | - | 0 | * | c | * | - | 64 | 54 | | | | | |
| | Perpignan | 1020.7 | 55 | - | 0 | b | 1019.5 | 0 | 50 | +4 | - | 0 | * | c | * | - | 61 | 46 | | | | | |
| | Sanguinaire | | | | | | 1020.6 | +1 | 54 | -3 | E | 3 | * | b | * | - | 72 | 43 | | | | | |
| | Corunna | 1021.9 | 57 | WNW | 1 | b | 1018.3 | +1 | 52 | -6 | SSW | 1 | - | r | 2 | 82 | 59 | 50 | | | | | |
| | Madrid | | | | | | | | | | | | | | * | | | | | | | | |
| | Lisbon | | | | | | | | | | | | | | | | | | | | | | |
| MEDITERRANEAN. | Azores (Horta) | 1023.5 | * | WSW | 5 | bc | 1025.0 | +1 | 63 | -1 | NNE | 5 | * | r | 3 | 6 | 72 | 63 | | | | | |
| | „ (P. Delgada) | 1024.2 | * | SW | 1 | o | | | | | | | * | | * | | | | | | | | |
| | Madeira | | | | | | | | | | | | | | | | | | | | | | |
| | Gibraltar | 1018.3 | 62 | E | 2 | c | 1018.3 | * | 60 | +3 | E | 3 | * | bc | 2 | - | 65 | 55 | | | | | |
| | Algiers | 1017.3 | 63 | NNE | 1 | b | 1018.9 | +2 | 59 | ? | - | 0 | - | m | 0 | 2 | 66 | 67 | | | | | |
| | Malta | * | * | * | * | * | | | | | | | | | | | | | | | | | |
| | Salonica | | | | | | | | | | | | | | | | | | | | | | |
| | Athens | | | | | | | | | | | | | | | | | | | | | | |
| | Candia | | | | | | | | | | | | | | | | | | | | | | |
| | Limassol | * | * | * | * | * | 1016.6 | 0 | 72 | -1 | ENE | 8 | - | bc | 3 | 6 | 73 | 63 | | | | | |
| MEDITERRANEAN. | Alexandria | 1016.2 | 72 | NNE | 2 | b | 1017.1 | +1 | 77 | +2 | NE | 1 | NE | b | 1 | - | 82 | 72 | | | | | |
| | Cairo (Helwan) | 1014.0 | 73 | NNE | 4 | b | 1016.2 | +3 | 64 | 0 | - | 0 | - | b | * | - | 84 | 61 | | | | | |
| | Jerusalem | * | 61 | ESE | 3 | b | * | +1 | 55 | -4 | ESE | 2 | - | b | * | - | 70 | 55 | | | | | |
| | Ramleh | 1013.7 | 75 | ENE | 2 | b | 1016.7 | +3 | 70 | -2 | NE | 2 | - | b | * | - | 84 | 55 | | | | | |
| | THE BEAUFORT SCALE OF WIND FORCE. | | | | | | | | | | | | | | | | | | | | | | |
| | Limits of Velocity. | | | | | | | | | | | | | | | | | | | | | | |
| | No. | Statute miles per hour. | | Metres per second. | | | | | | | | | | | | | | | | | | | |
| | 0 | Less than 1 | | Less than 0.3 | | | | | | | | | | | | | | | | | | | |
| | 1 | 1-3 | | 0.3-1.5 | | | | | | | | | | | | | | | | | | | |
| | 2 | 4-7 | | 1.6-3.3 | | | | | | | | | | | | | | | | | | | |
| 3 | 8-12 | | 3.4-5.4 | | | | | | | | | | | | | | | | | | | | |
| 4 | 13-18 | | 5.5-7.9 | | | | | | | | | | | | | | | | | | | | |
| 5 | 19-24 | | 8.0-10.7 | | | | | | | | | | | | | | | | | | | | |
| 6 | 25-31 | | 10.8-13.8 | | | | | | | | | | | | | | | | | | | | |
| 7 | 32-38 | | 13.9-17.1 | | | | | | | | | | | | | | | | | | | | |
| 8 | 39-46 | | 17.2-20.7 | | | | | | | | | | | | | | | | | | | | |
| 9 | 47-54 | | 20.8-24.4 | | | | | | | | | | | | | | | | | | | | |
| 10 | 55-63 | | 24.5-28.4 | | | | | | | | | | | | | | | | | | | | |
| 11 | 64-75 | | 28.5-33.5 | | | | | | | | | | | | | | | | | | | | |
| 12 | Above 75 | | 33.6 or above | | | | | | | | | | | | | | | | | | | | |
| BEAUFORT NOTATION. | | | | | | | | | | | | | | | | | | | | | | | |
| b blue sky (not more than a quarter covered). | | | | | | | | | | | | | | | | | | | | | | | |
| bc sky partly cloudy (one half covered). | | | | | | | | | | | | | | | | | | | | | | | |
| c generally cloudy (three quarters covered). | | | | | | | | | | | | | | | | | | | | | | | |
| d drizzle, or fine rain. | | | | | | | | | | | | | | | | | | | | | | | |
| e wet air without rain falling. | | | | | | | | | | | | | | | | | | | | | | | |
| f fog, g gloom. | | | | | | | | | | | | | | | | | | | | | | | |
| h hail, i lightning. | | | | | | | | | | | | | | | | | | | | | | | |
| m mist. | | | | | | | | | | | | | | | | | | | | | | | |
| o overcast sky. | | | | | | | | | | | | | | | | | | | | | | | |
| p passing showers. | | | | | | | | | | | | | | | | | | | | | | | |
| q squalls. | | | | | | | | | | | | | | | | | | | | | | | |
| r rain. | | | | | | | | | | | | | | | | | | | | | | | |
| rs sleet, i.e., rain and snow together. | | | | | | | | | | | | | | | | | | | | | | | |
| s snow. | | | | | | | | | | | | | | | | | | | | | | | |
| t thunder. | | | | | | | | | | | | | | | | | | | | | | | |
| u ugly, threatening sky. | | | | | | | | | | | | | | | | | | | | | | | |
| v unusual visibility. | | | | | | | | | | | | | | | | | | | | | | | |
| w dew. | | | | | | | | | | | | | | | | | | | | | | | |
| x hoar frost. | | | | | | | | | | | | | | | | | | | | | | | |
| y dry air; humidity less than 60 per cent. | | | | | | | | | | | | | | | | | | | | | | | |
| z dust haze; the turbid atmosphere of dry weather. | | | | | | | | | | | | | | | | | | | | | | | |

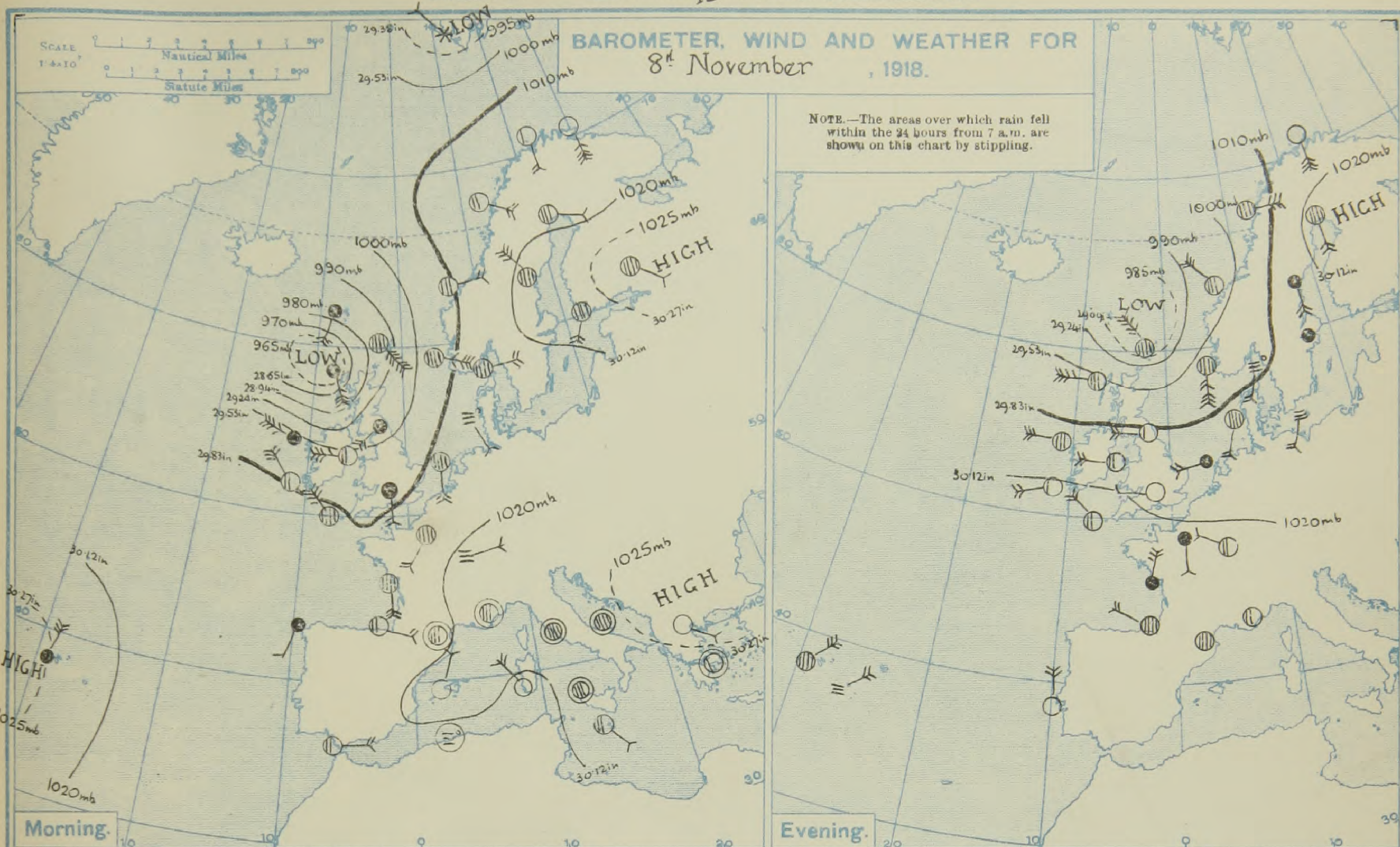
* Information for these columns not usually received

† Received too late for insertion in Charts

+ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20306... Saturday 9th November 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 8th NOVEMBER.

| STATIONS. | | EVENING OF 7 TH | | | | | MORNING OF 8 TH | | | | | | | | | | MORNING OF 8 TH | | | | | | |
|--------------|---------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|-------------------------------------|----------|------|-----------------------------------------------------------------------------------------------------|---------------------------------------|-------|----------------------|-----------------------------------|--------|----------|----------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dirac. | | Force 0-12. |
| RUSSIA. | Orlov ... | | ° F. | | | | | ° F. | ° F. | | | | | ° F. | ° F. | Isafjord ... Reykjavik Vestmanna Seydisfjord Thorshavn | 981.3 | 51 | +9 | SSW | 4 | † | |
| | Kem ... | | | | | | | | | | | | | | | | | | | | | | |
| | Archangel ... | | | | | | | | | | | | | | | | | | | | | | |
| | Mesen... | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | 1027.9 | 37 | SW | 2 | b | 1016.2 | | 37 | 0 | ESE | 2 | c | | | | | | | | | | |
| | Hernösand ... | 1027.1 | 37 | - | 0 | f | 1024.2 | * | 37 | 0 | NW | 6 | o | x | * | | | | | | | * | |
| | Stockholm ... | 1020.7 | 46 | NE | 2 | † | 1021.5 | * | 43 | 0 | ENE | 2 | f | x | * | | | | | | | * | |
| | Wisby ... | 1021.0 | 52 | S | 4 | o | 1013.3 | * | 36 | -12 | SE | 4 | m | x | * | | | | | | | * | |
| | Sordoval ... | | | | | | 1027.5 | | 45 | +4 | SE | 2 | o | * | * | | | | | | | * | |
| Hangö ... | | | | | | 1016.2 | | 46 | 0 | SSW | 4 | o | | | | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | |
| ITALY. | Venice ... | | | | | | | * | | | | | | | | 9 TH AND 10 TH Nov. 1918. | | | Sunrise. | Noon. | Sunset | | |
| | Turin ... | 1023.3 | ? | - | 0 | b | 1023.8 | * | 52 | -2 | - | 0 | o | 9 | 54 | | | | | | | 52 | |
| | Pesaro ... | | | | | | | * | | | | | | | | | | | | | | | |
| | Leghorn ... | | | | | | | * | | | | | | | | | | | | | | | |
| | Rome ... | 1021.9 | 62 | r | 0 | b | 1023.5 | * | 57 | +3 | - | 0 | o | - | 70 | | | | | | | 55 | |
| | Viesti ... | | | | | | 1024.1 | * | 59 | | - | 0 | o | 3 | 59 | | | | | | | - | |
| | Brindisi ... | 1024.6 | 61 | - | 0 | bc | 1024.5 | * | ? | | - | 0 | † | - | 64 | | | | | | | 59 | |
| Cagliari ... | 1017.9 | 75 | SE | 3 | b | 1018.3 | * | 63 | 0 | NW | 3 | b | - | 77 | 55 | | | | | | | | |
| Palermo ... | 1019.8 | 64 | - | 0 | c | 1023.3 | * | 63 | -3 | - | 0 | c | - | 77 | 55 | | | | | | | | |
| Tripoli ... | | | | | | | * | | | | | | | | | | | | | | | | |

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

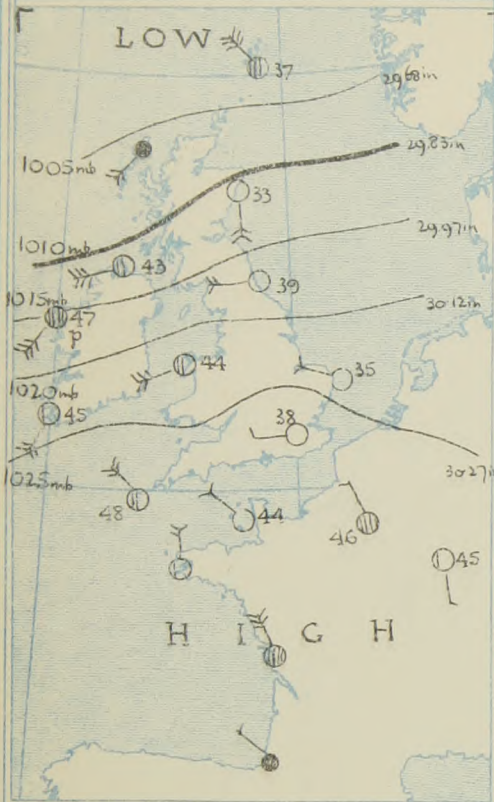
| 9 th AND 10 th Nov. 1918. | | Sunrise. | Noon. | Sunset. |
|-------------------------------------------------|--|----------|--------|---------|
| | | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | | 7.4 | 11.37 | 4.10 |
| Greenwich ... | | 7.6 | 11.37 | 4.8 |
| Wick ... | | 7.9 | 11.44 | 4.19 |
| Valencia ... | | 7.11 | 11.44 | 4.17 |
| | | 7.49 | 11.56 | 4.3 |
| | | 7.51 | 11.56 | 4.1 |
| | | 7.51 | 12.25 | 4.59 |

| LONDON | | HUMIDITY. | | Sun- shine for | 24 HOURS ENDED 9 h. 9 th | | | SOUTH KENSINGTON. (M.O.) | | | | | | |
|----------------------------------------------------------------------------------|--|-----------------|-----------------|----------------------|-------------------------------------------|------|----------------|--------------------------|---------|---------------------------------------------------------------------------------------------|------------|---------|-------------|---------------|
| | | 15 h. | 9 h. | | TEMPERATURE. | | Rain- fall. | WEATHER. | | Vertical Component of Solar Radiation per square Centimetre during 8 th | | | | |
| 9 th NOVEMBER 9 h. G.M.T. | | 8 th | 9 th | 8 th | Max. | Min. | | Min. on Grass | | Morning. | Afternoon. | Night. | Total. | Average Rate. |
| | | % | % | Hours. | ° F. | ° F. | ° F. | mm. | ot. c. | bc. b. | bc. bc. | Joules. | Milliwatts. | Milliwatts. |
| GREENWICH (Royal Observatory) | | 68 | 61 | 1.7 | 50 | 30 | 19 | 2 | * | * | * | 251 | 7.6 | 24 |
| CITY (Bunhill Row) | | * | * | 1.7 | * | * | * | * | * | * | * | | | |
| WESTMINSTER (St. James's Park) | | 74 | 83 | 1.9 | 51 | 29 | 27 | 1 | * | * | * | | | |
| (Roof near Charing Cross) | | 73 | 75 | 1.9 | 50 | 36 | * | 1 | omr. o. | c. bc. b. | b. bc. m. | | | |
| CAMDEN SQ. (British Rainfall) | | 67 | 83 | 1.5 | 50 | 29 | 26 | 1 | ot. o. | bc | * | | | |
| KENSINGTON PALACE | | 65 | 76 | * | ? | 30 | 17 | 2 | ot. c. | bc. b. | * | | | |
| NOTE. — The thermometers at Greenwich and Camden Square are in Glaisher screens. | | | | | | | | | | | | | | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

9th, NOV, at 1h. G.M.T.

THE MORNING OF Saturday, 9th NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

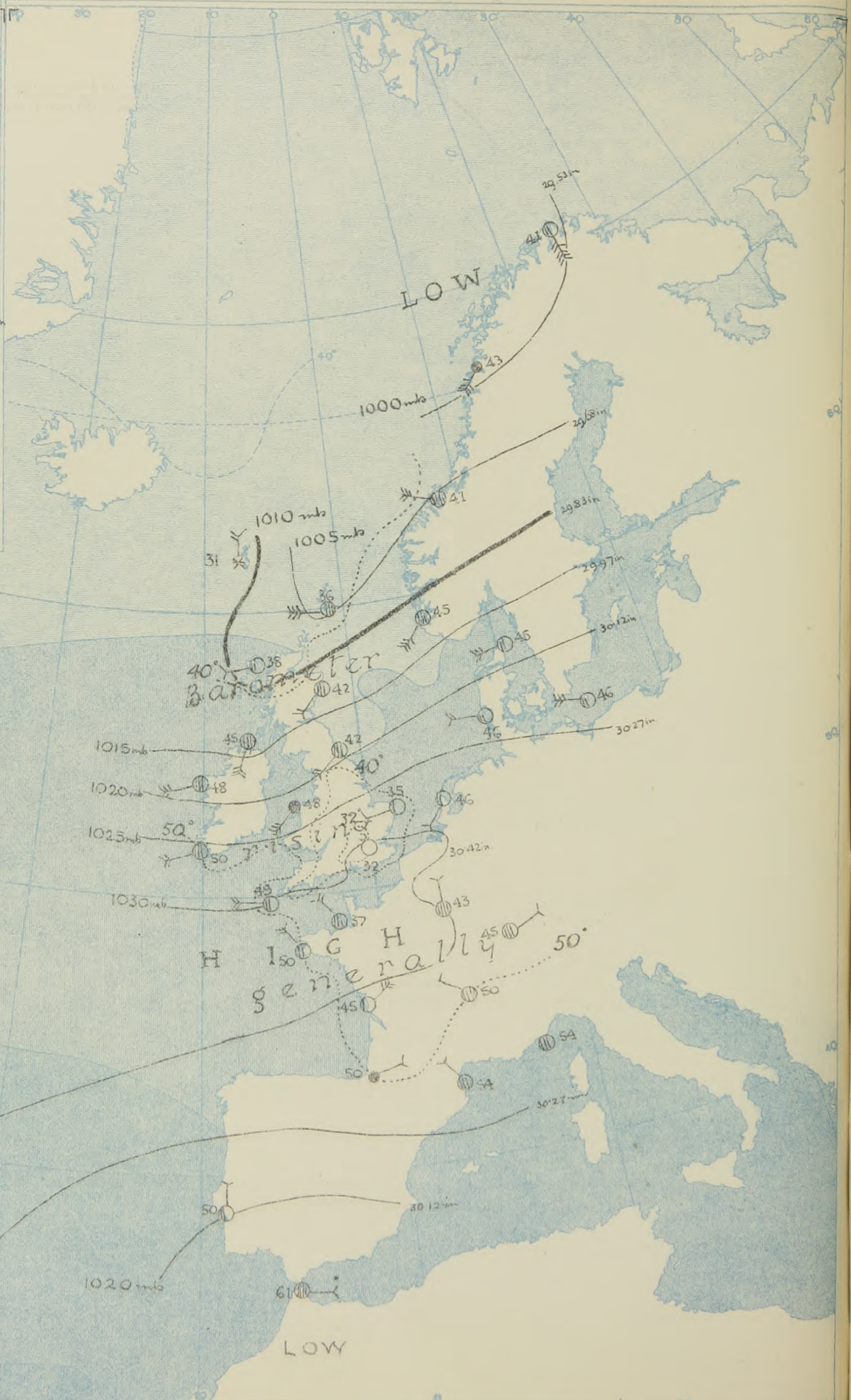
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers.

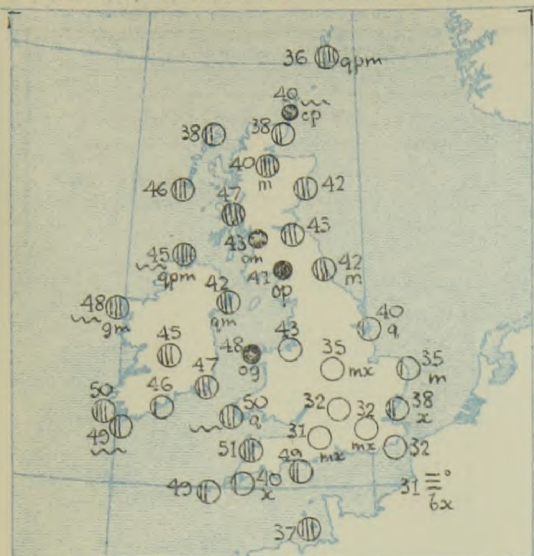
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

☉ Clear sky. ☁ Sky & clouded. ☂ Sky & clouded. ☔ Sky & clouded. ☕ Overcast sky. ☖ Rain falling. ☗ Snow. ☘ hail. ☙ fog. ☚ mist. T. thunder. ⚡ thunderstorm.

SEA DISTURBANCE.—Rough wavy. High waves.





NOTES.

Notes on the Weather of the 24 hours ended 7h. today

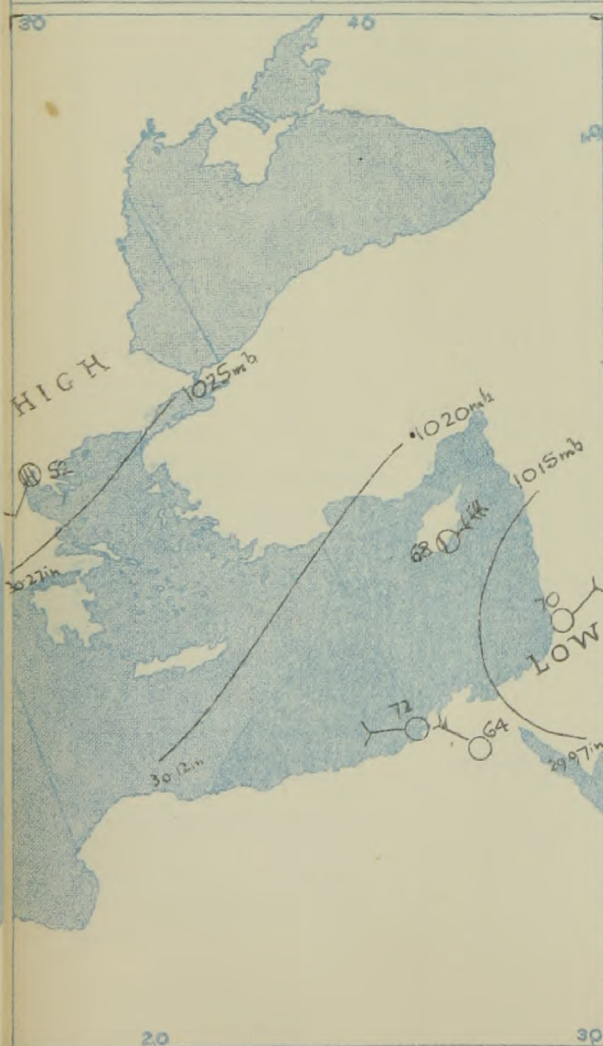
Temperature remained below 50° in most localities; at night it fell to 32° or below over the South Midlands and in the Metropolitan area, the lowest minimum being 26° at South Farnborough. Rain - mostly slight or moderate in amount - fell very generally; in the N and NW hail showers were experienced. Bright sunshine records were rather high at many places in the W and SW, as well as at Aberdeen.

The Conditions at 7h. Today

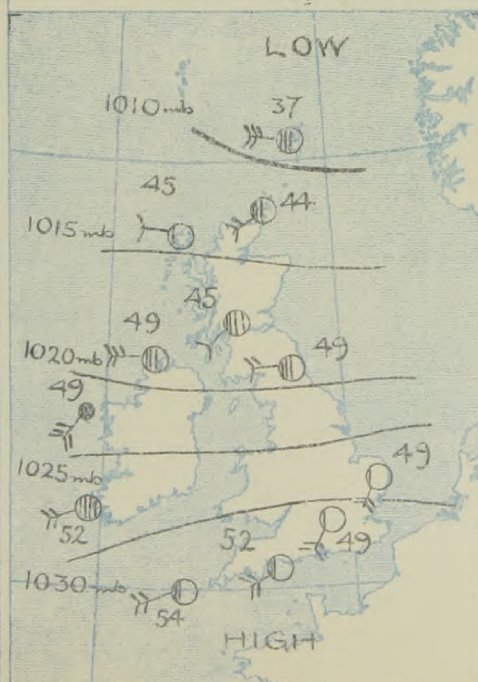
Pressure continues high over the Azores region, but is now equally high thence to the SE of England. The lowest readings are found in a depression between Iceland and Norway. The barometer is still rising except at Lerwick. The SW'ly wind which is reported in almost all parts of the United Kingdom has little force except on some exposed parts of the North-western and Northern coasts. Rain is falling at various stations in the W and NW of Great Britain, but generally the weather is fair.

The Outlook

The type of pressure distribution now prevalent is favourable for the passage of depressions over the Northern regions of the Atlantic to the British Isles or their neighbourhood.

Saturday, 9th

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



The only change of importance since 7h. is a general rise of the barometer.

| STATIONS. | | EVENING OF 8 TH | | | | | MORNING OF 9 TH | | | | | | | | | | 24 HOURS ENDED 7 TH 9 TH | | | | | Sun- shine for 8 TH Hours. | |
|-----------------------|------------------------|---------------------------------------|--------------|-------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|-------|----------------|-------------------------------|----------|-------------|-------------------------------------|------------------------------------------------|-------------|-------------|--------------|-------------|---------------------------------------------------|--|
| | | Barom. Milli- bars at M.S.L. | TEMP. °F. | WIND. | | Weather. | Milli- bars at M.S.L. | Change in 2 hours. | TEMP. °F. | Change in 24 hours. | WIND. | | Dir. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | |
| | | | | Dir. | Force 0-12. | | | | | | Dir. | Force 0-12. | | | | | Max. | Min. | Morning | Afternoon. | Night. | | |
| BRITISH ISLANDS. | Lerwick | 983.3 | 41 | NW | 9 | omgph | 1004.9 | -2 | 36 | -9 | W | 6 | - | omgph | 4 | 3 | 46 | 29 | omg | omg | omg | 0.0 | |
| | Deerness (Orkney) | 997.6 | 42 | W | 6 | c | 1007.8 | * | 40 | -7 | SW | 4 | - | ch | 5 | 6 | 47 | 35 | oque | of d. c. | clt. c. | 0.0 | |
| | Stornoway | 1001.4 | 37 | W | 7 | chty | 1009.6 | +5 | 38 | -8 | WSW | 2 | - | bc | 1 | 13 | 47 | 36 | or c. q. | ch. q. | c. b. c. | 0.1 | |
| | Castlebay (Barra Isd.) | 1005.4 | 42 | WNW | 5 | c | 1012.1 | +2 | 46 | +3 | W | 4 | - | c | 4 | 4 | 46 | 40 | oph. c. | cast. c. | c. b. c. | 0.2 | |
| | Glasgow | 1008.9 | 41 | W | 5 | brh | 1015.7 | 0 | 43 | +1 | SW | 3 | - | omg | * | 3 | 44 | 37 | o. ch. p. | c. b. h. p. | b. b. h. p. | 1.6 | |
| | Eskdalemuir | 1012.3 | 36 | WSW | 4 | o | 1019.2 | +1 | 41 | +2 | SSW | 5 | - | of | * | 2 | 42 | 34 | o. b. c. | ov. p. h. s. | o. b. c. | 0.6 | |
| | Malin Head | 1008.5 | 45 | W | 6 | bcq | 1014.2 | +3 | 45 | +3 | SSW | 5 | - | omgph | 6 | 7 | 47 | 43 | bc. q. h. | bc. q. h. | omg | 2.9 | |
| | Blacksod Point | 1014.1 | 40 | W | 5 | cqph | 1018.3 | +3 | 48 | +6 | WSW | 5 | - | cmg | 5 | 3 | 48 | 38 | bc. q. | bc. | omg | * | |
| | Valencia (Cahiriveen) | 1020.4 | 45 | WSW | 4 | b | 1025.7 | +3 | 50 | +4 | WSW | 4 | W | c | 5 | 3 | 50 | 43 | bc. c. y. | c. b. y. | b. b. c. | 5.6 | |
| | Roche's Point | 1020.7 | 44 | W | 3 | b | 1025.7 | +1 | 46 | +4 | WSW | 1 | - | b | 3 | 1 | 49 | 42 | b. b. c. b. | b. | b. | * | |
| Birr Castle | 1016.5 | 42 | SW | 1 | c | 1022.5 | * | 45 | +6 | SW | 1 | - | c | * | 3 | 47 | 37 | x. bc. | bc. c. | clt. c. | 5.6 | | |
| Donaghadee | 1012.4 | 40 | W | 5 | bm. q. | 1015.8 | +1 | 42 | +2 | SW | 5 | SW | cmg | 4 | - | 45 | 37 | bc. q. | bc. q. | bm. q. | * | | |
| Liverpool (Bidston) | 1016.2 | 44 | W | 4 | b | 1023.7 | +2 | 43 | -1 | SSW | 3 | - | b | 3 | 1 | 46 | 39 | b. q. h. q. | ch. q. b. | b. | 3.9 | | |
| Holyhead | 1017.0 | 46 | W | 4 | bc | 1023.0 | +1 | 48 | +3 | SW | 5 | - | og. p. | 4 | Trace | 48 | 43 | bc. q. | bc. | bc. q. | 6.3 | | |
| Pembroke (St. Ann's) | 1021.0 | 48 | W | 4 | bc. q. | 1027.0 | +3 | 50 | +4 | WSW | 5 | SW | c. q. | 5 | 1 | 50 | 44 | c. q. bc. | bc. | bc. q. | 0.0 | | |
| Hartland Quay | 1022.1 | 49 | WNW | 4 | b | 1029.3 | +2 | 51 | +2 | WSW | 4 | - | c | 4 | 0.2 | 51 | 48 | of c. | c. bc. | b. b. c. | * | | |
| BRITISH ISLANDS. | Scilly (St. Mary's) | 1022.9 | 48 | NW | 4 | bc. | 1030.0 | +3 | 49 | +1 | W | 4 | W | bc | 4 | - | 50 | 47 | bc. q. | bc. | bc. | 7.0 | |
| | Falmouth | 1022.9 | 46 | NW | 3 | b2 | 1031.2 | +3 | 40 | -6 | W | 3 | - | bc | * | - | 51 | 38 | - | - | b. bc. | 6.4 | |
| | Jersey (St. Aubin) | 1021.8 | 49 | NW | 3 | b. | 1031.1 | +2 | 37 | -14 | NW | 3 | NW | c | 2 | 6 | 53 | 35 | or o. | o. bc. b. | bc. c. | 1.2 | |
| | Portland Bill | 1020.7 | 48 | NW | 4 | b. | 1029.2 | +4 | 49 | -1 | WNW | 3 | W | bc | 3 | 6 | 51 | 46 | c. bc. | bc. b. | b. bc. | * | |
| | Dungeness | 1018.3 | 43 | W | 3 | b. | 1029.7 | +3 | 32 | -21 | NNW | 2 | - | b | 2 | 4 | 53 | 32 | c. q. or. | c. bc. | b. bc. | * | |
| | Wick | 997.7 | 38 | W | 4 | omg | 1009.2 | +3 | 38 | -8 | SW | 4 | - | bc | 3 | 4 | 46 | 35 | omg. q. | omg. p. | og. bc. | * | |
| | Nairn | 1001.9 | 38 | W | 6 | cq. h. | 1010.9 | * | 40 | -2 | WSW | 3 | - | om | 2 | 4 | 44 | 35 | m. of c. | bc. q. h. | bc. q. h. | 2.7 | |
| | Aberdeen | 1003.7 | 42 | SW | 4 | bc | 1013.3 | +1 | 42 | -3 | SW | 3 | SW | c | 3 | Trace | 47 | 37 | og. c. b. | bc. q. b. | bc. b. bc. | 5.2 | |
| | Leith | 1008.5 | 41 | W | 4 | b. | 1015.3 | +1 | 43 | -1 | WSW | 2 | SW | c | 2 | 1 | 46 | 38 | c. q. h. c. | c. bc. q. b. | b. of c. | * | |
| | Tynemouth | 1010.4 | 40 | W | 4 | bm. q. | 1019.1 | +1 | 42 | -4 | SW | 3 | - | c | 3 | 0.4 | 47 | 38 | cmg. | bc. q. h. | bm. | * | |
| Spurn Head | 1014.6 | 43 | WSW | 4 | bc. q. | 1024.1 | +2 | 40 | -7 | WSW | 4 | - | bc | 4 | - | 47 | 37 | bc. q. | bc. q. | bc. | 2.1 | | |
| BRITISH ISLANDS. | Yarmouth (Gorleston) | 1016.2 | 43 | WNW | 2 | b. | 1027.8 | +3 | 35 | -13 | WSW | 2 | - | bm | 2 | 3 | 51 | 34 | bc. of. | omg. c. | bm. | 0.5 | |
| | Clacton-on-Sea | 1018.1 | 44 | WNW | 3 | bc | 1029.9 | +3 | 38 | -12 | W | 2 | - | bcx | 2 | 2 | 50 | 35 | c. q. h. d. | og. bc. | bc. bc. | 0.7 | |
| | Nottingham | 1017.4 | 40 | SW | 1 | b. | 1026.6 | * | 35 | -12 | SW | 1 | - | bm | * | 2 | 49 | 33 | o. c. | b. | b. | 3.6 | |
| | Benson (Oxon.) | 1019.7 | 37 | W | 1 | b. | 1028.8 | +3 | 32 | -14 | SSW | 2 | - | bm | * | 3 | 48 | 28 | no bc. | b. | bc. | * | |
| | St. Farnborough | 1019.8 | 39 | WNW | 3 | b. | 1030.5 | +3 | 29 | -18 | S | 2 | - | bm | * | 5 | 50 | 26 | omg. bc. | bc. b. | bm. | 2.7 | |
| | Salisbury Plain | 1020.7 | 36 | WNW | 5 | b. | 1030.2 | +4 | 31 | -16 | - | 0 | - | b | * | 3 | 49 | 27 | o. bc. o. | bc. | b. | * | |
| | London (Kew Obs.) | 1019.7 | 44 | W | 1 | b. | 1030.4 | +3 | 32 | -16 | - | 0 | - | b | * | 4 | 49 | 30 | or bc. | bc. b. | b. bc. | 2.3 | |
| | NORTHERN EUROPE. | Spitsbergen | 1000.2 | 19 | - | 0 | b | 999.9 | -3 | 25 | -5 | - | 0 | - | o | * | 30 | 14 | | | | | |
| | | Vardø | 1020.7 | 37 | S | 9 | o | 1011.9 | -3 | 39 | 0 | S | 8 | * | o | * | 39 | 36 | | | | | |
| | | Gjesvær | 1014.6 | 41 | S | 6 | b | 999.7 | * | 41 | +2 | S | 9 | - | bc | 4 | - | 43 | 37 | | | | |
| Bodø | | 1003.5 | 46 | E | 6 | o | 997.2 | +3 | 43 | -2 | SW | 7 | - | r | 5 | 7 | 46 | 41 | | | | | |
| Christiansund | | 992.8 | 50 | NW | 5 | c | 1005.5 | +6 | 41 | -7 | WNW | 5 | - | o | 4 | 1 | 52 | 37 | | | | | |
| Skudenes | | 1002.0 | 48 | S | 9 | o | 1014.6 | +18 | 45 | 0 | SW | 6 | - | c | 5 | 4 | 48 | 39 | | | | | |
| Færder (Xianla Fjord) | | 1007.0 | 48 | SSE | 6 | o | 1014.7 | +5 | 45 | +6 | WSW | 7 | - | b | 4 | 13 | 48 | 39 | | | | | |
| The Scaw (Skagen) | | 1009.6 | 48 | SSW | 3 | m | 1018.1 | +8 | 45 | 0 | WSW | 5 | - | bc | 5 | 2 | 50 | 43 | | | | | |
| Blaavands Huk | | 1011.0 | 41 | SSW | 3 | o | 1023.7 | +5 | 46 | +1 | W | 3 | - | bc | * | 2 | 50 | 43 | | | | | |
| Copenhagen | | 1015.1 | 50 | WSW | 2 | o | 1024.4 | +7 | 45 | -5 | W | 2 | - | m | * | 2 | 52 | 43 | | | | | |
| Bornholm | 1017.0 | 48 | SSW | 3 | f | 1023.4 | +7 | 46 | -2 | WNW | 5 | NW | bc | 1 | 1 | 50 | 45 | | | | | | |
| FRANCE, &c. | The Helder | 1015.0 | 48 | WSW | 3 | r | 1028.6 | +5 | 46 | -2 | SW | 2 | SW | bc | 2 | 2 | 52 | 46 | | | | | |
| | C. Gris Nez | 1018.7 | 48 | NW | 4 | b | 1030.6 | +4 | 43 | -9 | S | 1 | * | bc | * | 1 | 54 | 43 | | | | | |
| | La Hève | 1021.2 | 46 | NNW | 4 | c | 1030.3 | +4 | 46 | -4 | NNE | 2 | * | b | * | 6 | 50 | 43 | | | | | |
| | Brest (St. Mathieu) | 1024.7 | 50 | N | 4 | bc | 1033.1 | +2 | 50 | | NW | 3 | * | bc | * | - | 52 | 45 | | | | | |
| | Roche fort (Ile d'Aix) | 1020.0 | 50 | NE | 5 | r | 1029.4 | +4 | 45 | -5 | NE | 5 | * | b | * | 7 | 54 | 45 | | | | | |
| | Biarritz | 1021.2 | 50 | WNW | 3 | o | 1027.4 | +5 | 50 | +2 | ENE | 2 | * | r | * | 5 | 59 | 48 | | | | | |
| | Paris | 1020.2 | 50 | S | 2 | r | 1030.0 | +4 | 43 | -7 | N | 2 | * | o | * | 4 | 52 | 43 | | | | | |
| | Belfort | 1020.4 | 59 | SSW | 3 | o | 1029.5 | * | 45 | +4 | ENE | 2 | * | c | * | 7 | 61 | 41 | | | | | |
| | Lyons | 1020.4 | 59 | SSW | 3 | o | 1027.5 | +3 | 50 | +2 | NW | 1 | * | o | * | 7 | 64 | 48 | | | | | |
| | Nice | 1023.1 | 57 | - | 0 | bc | 1026.1 | +2 | 54 | -5 | - | 0 | * | c | * | - | 64 | 50 | | | | | |
| Perpignan | 1025.5 | 59 | - | 0 | o | 1025.6 | +6 | 54 | +4 | NW | 2 | * | c | * | - | 63 | 48 | | | | | | |
| IBERIA, &c. | Sanguinaire | 1023.4 | 54 | NE | 3 | o | 1032.3 | +3 | 54 | +2 | NE | 4 | - | b | 4 | 3 | 55 | 52 | | | | | |
| | Corunna | 1019.8 | 54 | N | 4 | b | 1020.0 | +1 | 50 | | N | 2 | - | bc | 5 | - | 62 | 50 | | | | | |
| | Lisbon | 1027.5 | * | NE | 5 | o | 1029.5 | 0 | 60 | -3 | SSE | 4 | * | b | 3 | - | 66 | 59 | | | | | |
| | Azores (Horta) | 1024.3 | * | NE | 4 | 5 | | | | | | * | | | | | | | | | | | |
| | „ (P. Delgada) | | | | | | | | | | | * | | | | | | | | | | | |
| | Madeira | 1019.3 | 61 | E | 1 | c | 1019.6 | * | 61 | +1 | E | 2 | * | o | 0 | 6 | 62 | 58 | | | | | |
| | Gibraltar | | | | | | | | | | | | | | | | | | | | | | |
| | MEDITERRANEAN. | Algiers | | | | | | | | | | | | | | | | | | | | | |
| | | Malta | | | | | | | | | | | | | | | | | | | | | |
| | | Salonica | 1025.8 | 56 | E | 1 | b | 1025.8 | 0 | 52 | -1 | SW | 1 | - | c | * | - | 68 | 50 | | | </ | |

* Information for these columns not usually received.

+ Received too late for insertion in Charts

+ The barometric change is expressed in half millibars

THE BEAUFORT SCALE OF
WIND FORCE.

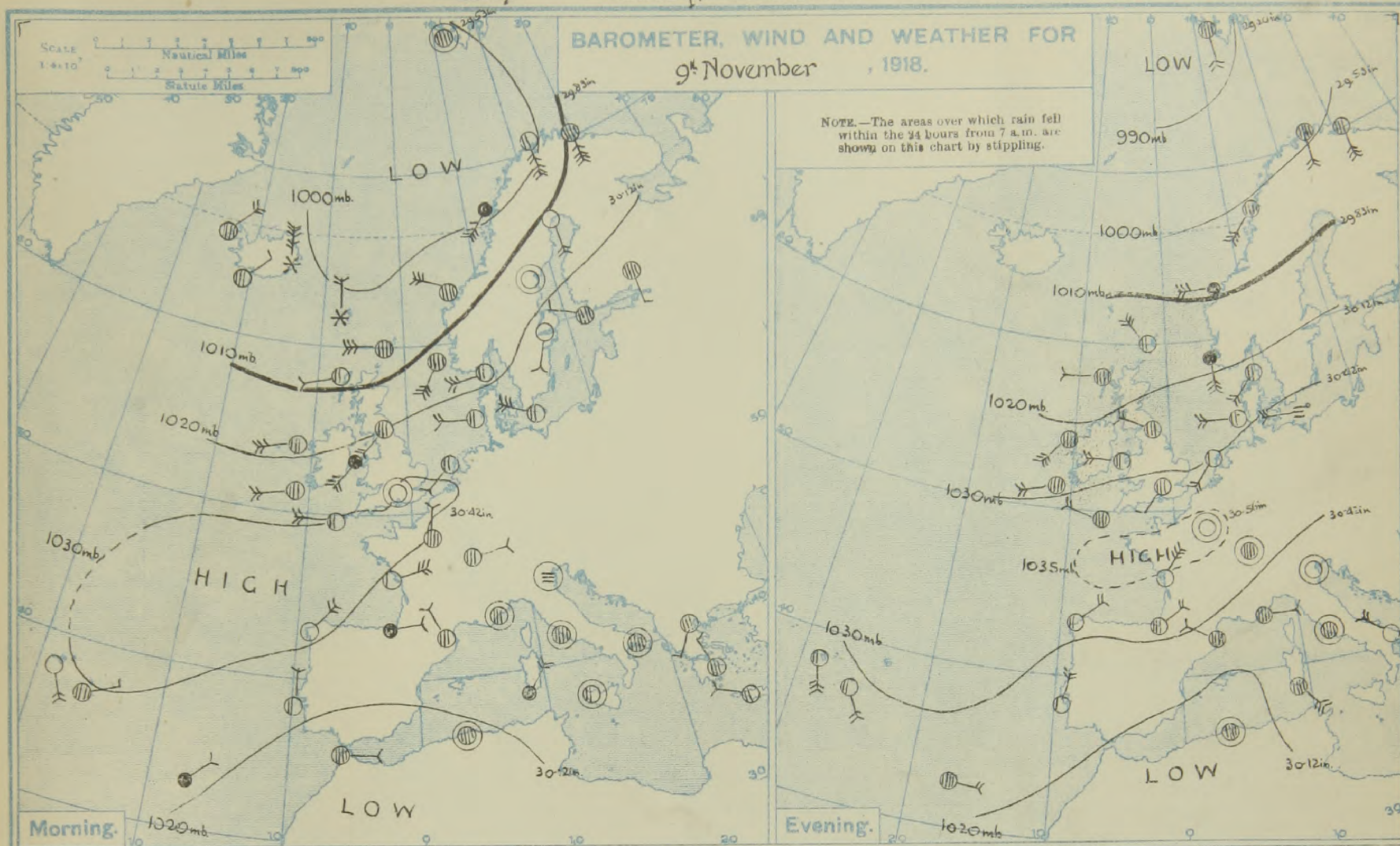
Limits of Velocity.

| No. | Statute miles per hour. | Metres per second. |
|-----|----------------------------|-----------------------|
| 0 | Less than 1 | Less than 0.3 |
| 1 | 1- 3 | 0.3- 1.5 |
| 2 | 4- 7 | 1.6- 3.3 |
| 3 | 8-12 | 3.4- 5.4 |
| 4 | 13-18 | 5.5- 7.9 |
| 5 | 19-24 | 8.0-10.7 |
| 6 | 25-31 | 10.8-13.8 |
| 7 | 32-38 | 13.9-17.1 |
| 8 | 39-46 | 17.2-20.7 |
| 9 | 47-64 | 20.8-24.4 |
| 10 | 55-83 | 24.5-28.4 |
| 11 | 64-75 | 28.5-33.5 |
| 12 | Above 75 | 33.6 or above |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20807

Sunday, 10th November 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 9th NOVEMBER.

| STATIONS. | | EVENING OF... 8 TH | | | | | MORNING OF... 9 TH | | | | | | | | | | MORNING OF... 9 TH | | | | | | | | | | |
|-----------|---------------|---------------------------------------|-------|----------------|--------|----------|-------------------------------|--------------------------|---------------------|----------------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------|----------------------------------|--------|----------|----------------|--|--|--|--|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND. | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | | | | | |
| | | | | Force 0-12. | Dirce. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. °F. | Change in 24 hours. °F. | Dirce. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. °F. | Change in 24 hours. °F. | Dirce. | | Force 0-12. | | | | |
| | | * F. | | | | | | | | | | | | * F. | * F. | | | * F. | * F. | | | | | | | | |
| RUSSIA. | Orlov ... | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Kem ... | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Archangel ... | | | | | | | | | | | | | | * | | | | | | | | | | | | |
| | Mesen... | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | 1018.6 | 36 | S | 4 | 0 | 1013.0 | | 37 | 0 | S | 4 | b | | | | | 1003.3 | 23 | | NE | 4 | 0 | | | | |
| | Hernösand ... | 1016.2 | 45 | S | 4 | r | 1017.9 | * | 39 | +2 | - | 0 | bc | * | * | * | | | | | | | | | | | |
| | Stockholm ... | 1017.1 | 46 | S | 4 | r | 1024.7 | * | 41 | -2 | SSW | 2 | b | * | * | * | | 1003.3 | 28 | | NE | 1 | C | | | | |
| | Wisby ... | 1018.6 | 48 | S | 2 | Y | 1027.7 | * | 45 | +9 | WSW | 2 | b | * | * | * | | 1002.0 | 18 | | N | 9 | S | | | | |
| | Sordovalä ... | | | | | | 1025.7 | * | 41 | -4 | S | 1 | 0 | * | * | * | | 1010.6 | 31 | -20 | N | 3 | S | | | | |
| | Hangö ... | | | | | | 1025.0 | | 45 | -1 | - | 0 | 0 | * | * | * | | | | | | | | | | | |
| ITALY. | Venice ... | 1030.6 | 57 | - | 0 | 0 | 1027.0 | * | 55 | | - | 0 | f | 1 | 57 | 52 | | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | | | |
| | Turin ... | 1024.9 | 44 | - | 0 | cl | 1027.8 | * | 54 | +2 | - | 0 | bc | - | 55 | 52 | | 10 TH AND 11 TH NOV 1918. | | Sunrise. | Noon. | Sunset. | | | | | |
| | Pesaro ... | | | | | | | * | | | | | | | | | | | | G.M.T. | G.M.T. | G.M.T. | | | | | |
| | Leghorn ... | | | | | | | * | | | | | | | | | | | | | | | | | | | |
| | Rome ... | 1024.9 | 61 | - | 0 | 0 | 1026.5 | * | 57 | 0 | - | 0 | 0 | 6 | 66 | 57 | | | | | | | | | | | |
| | Viesti ... | | | | | | | * | | | | | | | | | | | | | | | | | | | |
| | Brindisi ... | 1025.5 | 61 | NW | 1 | b | 1025.7 | * | 63 | | - | 0 | 0 | - | 63 | 59 | | | | | | | | | | | |
| | Cagliari ... | 1019.0 | 73 | NNE | 2 | c | 1022.1 | * | 64 | +1 | NE | 4 | r | 6 | 77 | 53 | | | | | | | | | | | |
| | Palermo ... | | | | | | 1024.3 | * | 66 | +3 | - | 0 | bc | - | 75 | 55 | | | | | | | | | | | |
| | Tripoli ... | | | | | | | * | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | Yarmouth ... | | | 7.6 | 11.37 | 4.8 | | | | | |
| | | | | | | | | | | | | | | | | | Greenwich ... | | | 7.8 | 11.37 | 4.6 | | | | | |
| | | | | | | | | | | | | | | | | | Wick ... | | | 7.11 | 11.44 | 4.17 | | | | | |
| | | | | | | | | | | | | | | | | | Valencia ... | | | 7.51 | 11.56 | 4.16 | | | | | |
| | | | | | | | | | | | | | | | | | | | | 7.53 | 12.25 | 4.57 | | | | | |
| | | | | | | | | | | | | | | | | | | | | 7.55 | 12.25 | 4.57 | | | | | |

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

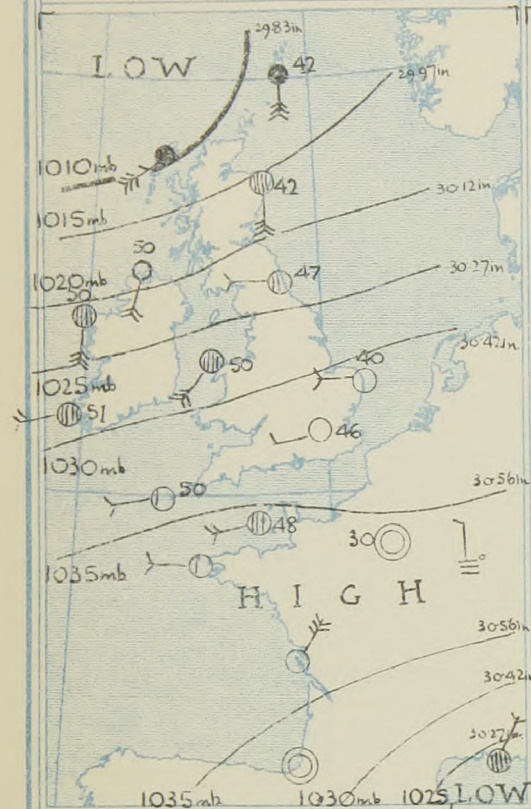
| 10 th AND 11 th NOV 1918. | Sunrise. | Noon. | Sunset. |
|-------------------------------------------------|----------|--------|---------|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7.6 | 11.37 | 4.8 |
| | 7.8 | 11.37 | 4.6 |
| Greenwich ... | 7.11 | 11.44 | 4.17 |
| | 7.12 | 11.44 | 4.16 |
| Wick ... | 7.51 | 11.56 | 4.1 |
| | 7.53 | 11.56 | 3.59 |
| Valencia ... | 7.53 | 12.25 | 4.57 |
| | 7.55 | 12.25 | 4.55 |

| LONDON | | | | | | | | | | SOUTH KENSINGTON (M.O.) | | | |
|--------------------------------------|------|-----------------|------------------|--------------|------|---------------|------------|----------|------------|------------------------------------------------------------------------|---------|---------------|-------------|
| 10 th NOVEMBER 9h. G.M.T. | | | | | | | | | | Vertical Component of Solar Radiation per square Centimetre during ... | | | |
| Humidity. | | Sunshine for | | TEMPERATURE. | | | Rain-fall. | WEATHER. | | | Total. | Average Rate. | Max. Rate. |
| 15 h. | 9 h. | 9 th | 10 th | Max. | Min. | Min. on Grass | | Morning. | Afternoon. | Night. | | | |
| % | % | Hours. | Hours. | °F. | °F. | °F. | mm. | | | | Joules. | Milliwatts. | Milliwatts. |
| 64 | 90 | 7.8 | | 52 | 39 | 29 | - | bc | c. 0 | 0. c | | | |
| * | * | 4.9 | | * | * | * | - | * | * | * | | | |
| 70 | 96 | 6.0 | | 53 | 32 | 31 | - | * | * | * | | | |
| 75 | 92 | 6.0 | | 52 | 41 | * | - | b x m | b. bc | b. b x m | | | |
| 65 | 98 | 4.1 | | 52 | 36 | * | - | 0 | bc | * | | | |
| 66 | 100 | * | | 52 | 38 | 28 | - | b | bc | * | | | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

10th, NOV, at 1h. G.M.T.

THE MORNING OF Sunday, 10th NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

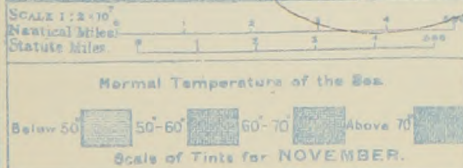
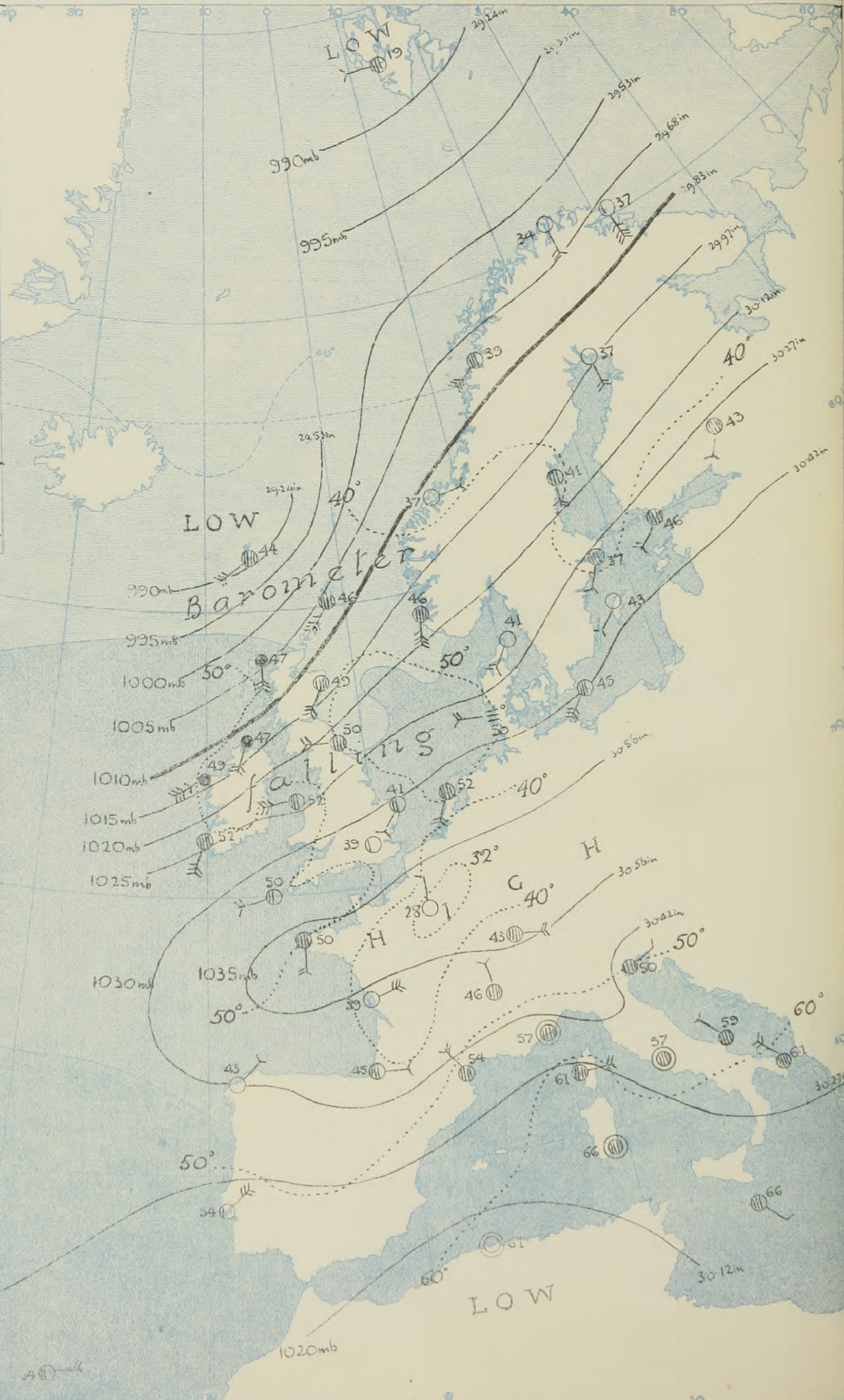
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers.

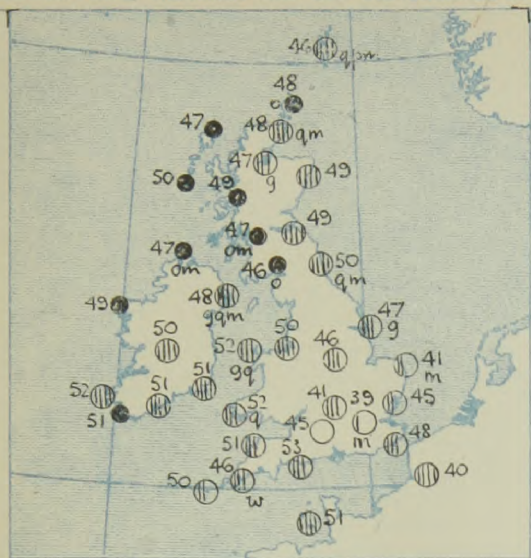
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

- ☉ clear sky.
- ☁ sky & cloudy.
- ☁ sky & cloudy.
- ☁ sky & cloudy.
- ☁ overcast sky.
- ☁ rain falling.
- ☁ snow.
- ☁ hail.
- ☁ fog.
- ☁ mist.
- ☁ T, thunder.
- ☁ thunderstorm.

SEA DISTURBANCE.—Rough waves. High waves.





Notes on the Weather of the 24 hours ended 7h to-day

The afternoon temperature failed to reach 50° in many parts of Britain. A little rain fell at the majority of stations, but Stornoway measured 10 mm. There were good sunshine records in the south and east of England, as much as eight hours at Clacton.

The Present Conditions.

Depressions of considerable intensity are still found in the Iceland and Spitzbergen regions, the systems embracing the whole of North-western Europe. A well-marked anticyclone covers the region from the Azores across Central and Southern Europe and the Mediterranean. A SWly wind current prevails across the British Isles and Northern Europe, fresh to strong or high on our western and northern and Norwegian coasts, mostly light elsewhere. Over the southern regions light breezes mainly Easterly are in the ascendant. At the home stations there is a good deal of dull or misty weather, with rain on the western coasts, but in many foreign localities the conditions are fine.

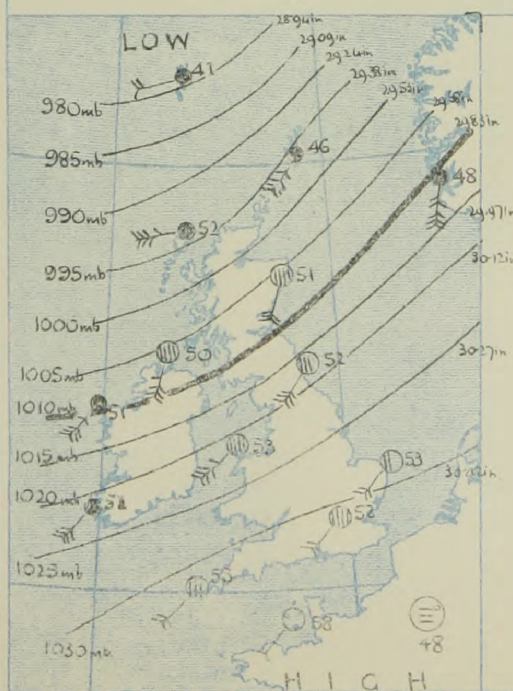
The chart for 13 hours, which appears below, shows a deepening depression passing the Faeröe, the S.W. wind increasing to a gale between Scotland and Norway.

✓A. ✓A.



Sunday, 10th

NOVEMBER, 1918, at 13h. (1 p.m.) G.M.T.



R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn.

H.G. LYONS, Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 314.

SUNDAY
10th November

| STATIONS. | EVENING OF 9th | | | | | MORNING OF 10th | | | | | | | | | | 24 HOURS ENDED 7 h. 10th | | | | | Sun- shine for 9th Hours. | |
|--------------------|---------------------------------------|--------------|--------|---------------|----------|---------------------------------------|--------------------------|---------------------|---------------------------|--------|---------------|---------------------------------|----------|------------|-------------------------------------|--------------------------|-------------|-----------|-------------|----------|---------------------------------------|--|
| | Barom. Milli- bars at M.S.L. | TEMP. °F. | WIND. | | Weather. | Barom. Milli- bars at M.S.L. | Change in 8 hours. | Dry Bulb. °F. | Change in 24 hours. | WIND. | | Direc. of Upper Cloud. | Weather. | Sea U-9 | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | |
| | | | Direc. | Force 0-12 | | | | | | Direc. | Force 0-12 | | | | | Max. | Min. | Morning. | Afternoon. | Night. | | |
| BRITISH ISLANDS. | Lerwick | 1015.2 | 33 | NW | 5 | bc | 1006.2 | +4 | 46 | +10 | SW | 7 | omg | 5 | 3 | 46 | 33 | bc | bc,rs | omg | | |
| | Deerness (Orkney) | 1015.9 | 36 | WNW | 2 | b | 1007.4 | * | 48 | +6 | SW | 4 | or | 4 | 4 | 48 | 36 | cp | cp, bc, b | or | 1.1 | |
| | Stornoway | 1015.0 | 42 | W | 2 | o | 1004.6 | -6 | 47 | +9 | S | 6 | r | 5 | 10 | 50 | 37 | bc | bc, o | opg | 3.4 | |
| | Castlebay (Barra Isd.) | 1015.5 | 48 | SW | 4 | op | 1008.1 | -8 | 50 | +4 | SW | 5 | r | 6 | 5 | 50 | 43 | c, op, bc | c, c, op | bc, dr | 0.1 | |
| | Glasgow | 1020.8 | 46 | SW | 2 | om | 1016.7 | -5 | 47 | +4 | SW | 4 | omr | * | 3 | 47 | 41 | om, dp | o, cm | omf | 0.1 | |
| | Eskdalemuir | 1023.0 | 43 | SW | 2 | o | 1019.8 | -4 | 46 | +5 | SW | 6 | or | * | 6 | 46 | 39 | or, op, c | om, op | omf | 0.1 | |
| | Malin Head | 1020.0 | 49 | SW | 4 | omg | 1011.7 | -3 | 47 | +2 | SSW | 4 | omr | 4 | 7 | 51 | 38 | omg, p | omg, p | omr | 1.5 | |
| | Blacksod Point | 1023.5 | 49 | WSW | 6 | omg | 1012.3 | -10 | 49 | +1 | SW | 8 | omr | 7 | 4 | 50 | 45 | bcm, p | omg, p | omg, p | * | |
| | Valencia (Cabrilsveen) | 1029.4 | 51 | WSW | 4 | o | 1024.3 | -4 | 52 | +2 | SSW | 5 | o | 0 | 1 | 53 | 44 | c, o | c, o | o, p | 0.5 | |
| | Roche's Point | 1030.3 | 48 | WSW | 3 | o | 1027.0 | -1 | 51 | +5 | SW | 4 | o | 4 | * | 51 | 46 | b, bc, o | o | om | * | |
| | Birr Castle | 1026.1 | 48 | WSW | 1 | e | 1022.0 | * | 50 | +5 | S | 2 | o | * | 2 | 51 | 44 | cp | cp | op | 6.0 | |
| | Donaghadee | 1020.6 | 48 | WSW | 5 | omg | 1019.9 | -3 | 48 | +6 | SW | 4 | ogym | 3 | 1 | 51 | 42 | cmg | bc, cmg | ogym | * | |
| | Liverpool (Birdston) | 1026.7 | 50 | WSW | 3 | o | 1026.0 | -2 | 50 | +7 | SW | 3 | o | 2 | 0.3 | 52 | 43 | bc, op | bc | o | 3.3 | |
| | Holyhead | 1026.4 | 51 | W | 4 | bc | 1024.5 | -2 | 52 | +4 | WSW | 5 | eg | 1 | 54 | 47 | og, bc | bc | co | 2.0 | | |
| | Pembroke (St. Ann's) | 1030.5 | 51 | WSW | 4 | bcg | 1024.5 | -3 | 52 | +2 | SW | 4 | W | 4 | 52 | 49 | eg, d | eg | bc, o, c | 2.7 | | |
| | Hartland Quay | 1032.1 | 53 | WSW | 5 | o | 1031.2 | -1 | 51 | 0 | SSW | 5 | NW | 4 | 1 | 53 | 49 | c, o | o, op, c, o | c, c | * | |
| NORTHERN EUROPE. | Scilly (St. Mary's) | 1033.3 | 52 | WNW | 3 | o | 1032.9 | -2 | 50 | +1 | WSW | 3 | SW | 4 | Trace | 55 | 47 | bc | bc, bc, c | bc | 5.6 | |
| | Falmouth | 1033.4 | 48 | WSW | 2 | c | 1032.7 | -2 | 46 | +6 | WSW | 2 | SW | * | 54 | 40 | b, bc, c, o | og, op, c | bc, c, o | 4.8 | | |
| | Jersey (St. Aubin) | 1034.5 | 49 | NW | 2 | bc | 1034.3 | 0 | 51 | +14 | SW | 2 | o | 2 | 0.2 | 54 | 37 | cp, b, b | b, bc, b | b, o | 6.5 | |
| | Portland Bill | 1032.0 | 52 | WSW | 4 | c | 1032.8 | -1 | 53 | +4 | WSW | 4 | W | 3 | 1 | 53 | 49 | bc | bc, c | b, bc | * | |
| | Dungeness | 1032.0 | 49 | WSW | 3 | b | 1032.9 | 0 | 48 | +16 | WSW | 2 | SW | 2 | - | 56 | 30 | b | b | b, bc | * | |
| | Wick | 1016.8 | 36 | WSW | 2 | b | 1008.2 | -4 | 48 | +10 | SSW | 4 | omg | 3 | 1 | 48 | 34 | bc | bc | bc, omf | * | |
| | Nairn | 1017.7 | 38 | - | 0 | bc | 1009.9 | * | 47 | +7 | SW | 3 | eg | 2 | 1 | 47 | 37 | bc | c, bc | bc, p, c | 2.0 | |
| | Aberdeen | 1019.6 | 40 | SW | 3 | b | 1013.9 | -3 | 49 | +7 | SSW | 5 | o | 3 | - | 49 | 37 | op, c, o | op, c, b | b, bc, o | 0.5 | |
| | Leith | 1020.2 | 46 | W | 2 | bc | 1016.0 | -3 | 49 | +6 | SW | 4 | o | 2 | 1 | 49 | 42 | c, op, c | o, c, bc | bc, p, o | * | |
| | Tynemouth | 1012.0 | 47 | WNW | 3 | cm | 1021.5 | -1 | 50 | +8 | W | 3 | omg | 3 | - | 50 | 46 | cm | cm | omg | * | |
| | Spurn Head | 1026.2 | 47 | WSW | 4 | bcg | 1027.1 | 0 | 47 | +7 | SW | 4 | eg | 4 | - | 48 | 40 | o | bcg | bcg | 1.6 | |
| | Yarmouth (Gorleston) | 1029.3 | 45 | SW | 3 | bc | 1030.5 | 0 | 41 | +6 | SW | 2 | bc | 2 | - | 49 | 35 | bc | bc, bc, m | bc, bc | 7.1 | |
| | Clacton-on-Sea | 1031.7 | 48 | SSW | 3 | b | 1032.3 | 0 | 45 | +7 | W | 2 | bc | 2 | - | 51 | 37 | bc | bc, b | b, bc | 8.0 | |
| | Nottingham | 1028.6 | 47 | W | 2 | c | 1028.5 | * | 46 | +11 | SW | 2 | SW | c | 0.3 | 49 | 35 | bc, c | cp, o | c, bc | 2.0 | |
| | Benson (Oxon.) | 1031.2 | 47 | SW | 2 | c | 1031.8 | 0 | 41 | +9 | WSW | 2 | c | * | - | 51 | 31 | b | b, bc | bc | * | |
| | Sth Farnborough | 1032.3 | 44 | SW | 4 | bc | 1033.0 | -1 | 39 | +10 | S | 2 | SW | bc | * | 52 | 29 | mb | b, bc | bc, bc | 8.3 | |
| Salisbury Plain | 1032.0 | 46 | SW | 4 | c | 1033.1 | 0 | 45 | +14 | W | 2 | bc | * | - | 52 | 30 | bc | bc, c, bc | bc, b | * | | |
| London (Kew Obsy.) | 1032.2 | 45 | SW | 1 | cm | 1032.8 | 0 | 39 | +7 | - | 0 | SW | bc | 0.1 | 50 | 31 | bc, m | bc, m | bc, m, b | 6.9 | | |
| FRANCE, &c. | Spitsbergen | 988.3 | 25 | S | 4 | o | 985.9 | -1 | 19 | -6 | W | 2 | c | * | * | 28 | 19 | | | | | |
| | Vardö | 1002.7 | 39 | S | 6 | c | 1005.6 | 0 | 37 | -2 | S | 8 | b | 4 | * | 41 | 34 | | | | | |
| | Gjesvær | 997.7 | 41 | S | 4 | o | 1000.2 | * | 34 | -7 | S | 3 | b | 4 | 2 | 43 | 32 | | | | | |
| | Bodö | 1001.9 | 41 | SW | 6 | o | 1008.4 | +3 | 39 | -4 | SW | 6 | c | 5 | 2 | 43 | 32 | | | | | |
| | Christiansund | 1009.2 | 41 | W | 5 | r | 1013.5 | -1 | 37 | -4 | ENE | 2 | b | 3 | 8 | 39 | 37 | | | | | |
| | Skudesnaes | 1015.8 | 43 | SSW | 6 | o | 1018.0 | -1 | 46 | +1 | S | 7 | o | 5 | 7 | 46 | 41 | | | | | |
| | Færdø (Klania Fjord) | 1019.9 | 46 | SW | 7 | b | 1021.7 | +3 | 45 | 0 | WSW | 6 | b | 4 | 1 | 46 | 45 | | | | | |
| | The Scau (Skagen) | 1023.0 | 48 | SW | 4 | bc | 1023.3 | +2 | 41 | -4 | SW | 3 | b | 3 | 1 | 50 | 41 | | | | | |
| | Blaavands Huk | 1027.5 | 48 | W | 4 | bc | 1027.9 | +1 | 50 | +4 | W | 3 | m | * | 2 | 50 | 45 | | | | | |
| | Copenhagen | 1030.0 | 46 | SW | 3 | b | 1029.9 | 0 | 45 | 0 | W | 4 | c | * | - | 48 | 43 | | | | | |
| | Bornholm | 1030.3 | 45 | W | 3 | m | 1031.3 | -1 | 45 | -1 | SW | 6 | c | 1 | - | 46 | 43 | | | | | |
| | The Helder | 1030.9 | 48 | SW | 4 | b | 1031.4 | 0 | 52 | +6 | SSW | 4 | o | 2 | - | 52 | 46 | | | | | |
| | C. Gris Nez | 1032.8 | 50 | W | 4 | b | 1033.3 | 0 | 52 | +9 | SW | 4 | o | * | 2 | 52 | 41 | | | | | |
| | La Hève | 1035.8 | 46 | SW | 2 | b | 1035.3 | 0 | 43 | -3 | S | 2 | b | * | - | 54 | 41 | | | | | |
| | Brest (St. Mathieu) | 1036.7 | 52 | W | 3 | bc | 1035.9 | -2 | 50 | 0 | S | 3 | o | * | - | 54 | 48 | | | | | |
| | Rochefort (Ile d'Aix) | 1034.6 | 46 | NE | 6 | b | 1034.0 | -1 | 39 | -6 | ENE | 5 | b | * | - | 54 | 39 | | | | | |
| Biarritz | 1032.2 | 50 | NE | 3 | c | 1030.9 | -2 | 45 | -5 | E | 2 | c | * | - | 54 | 45 | | | | | | |
| IBERIA, &c. | Paris | 1034.6 | 41 | N | 2 | b | 1037.1 | +1 | 28 | -15 | N | 1 | b | * | - | 50 | 28 | | | | | |
| | Belfort | 1032.7 | 46 | - | 0 | o | 1035.9 | * | 43 | -2 | E | 4 | o | * | - | 54 | 43 | | | | | |
| | Lyons | 1031.0 | 50 | NNW | 2 | b | 1033.5 | +1 | 46 | -4 | NNW | 2 | o | * | - | 57 | 46 | | | | | |
| | Nice | 1025.6 | 59 | E | 2 | o | 1027.8 | +2 | 57 | +8 | W | 0 | o | * | Trace | 63 | 52 | | | | | |
| | Perpignan | 1027.5 | 55 | WNW | 2 | o | 1028.8 | 0 | 54 | 0 | NW | 3 | o | * | - | 61 | 52 | | | | | |
| | Sanguinaire | 1018.7 | 61 | NW | 1 | o | 1024.0 | +2 | 61 | - | E | 3 | c | * | 17 | 73 | 50 | | | | | |
| | Corunna | 1030.4 | 50 | NE | 3 | bc | 1020.0 | 0 | 43 | -11 | NE | 2 | N | b | * | - | 55 | 41 | | | | |
| | Madrid | | | | | | | | | | | | | | | | | | | | | |
| | Lisbon | | | | | | | | | | | | | | | | | | | | | |
| | Azores (Horta) | 1029.2 | * | SE | 5 | bc | 1024.4 | -3 | 63 | +3 | SE | 5 | o | 3 | - | 66 | 63 | | | | | |
| | " (P. Delgada) | 1024.5 | * | SE | 4 | bc | | | | | | | | | | | | | | | | |
| | Madeira | | | | | | | | | | | | | | | | | | | | | |
| | Gibraltar | | | | | | | | | | | | | | | | | | | | | |
| | MEDITERRANEAN. | Algiers | 1018.3 | 63 | - | 0 | o | 1017.5 | +1 | 61 | - | - | 0 | b | 0 | 2 | 66 | 59 | | | | |
| | | Malta | | * | * | * | * | 1024.8 | +2 | 66 | - | SE | 1 | SE | 3 | - | 72 | 64 | | | | |
| | | Salonica | 1024.7 | 58 | SE | 1 | o | 1025.3 | 0 | 54 | +2 | W | 1 | c | * | - | 66 | 52 | | | | |
| Athens | | 1024.0 | 61 | NE | 1 | b | 1024.0 | +1 | 59 | - | NE | 1 | bc | - | - | 68 | 55 | | | | | |
| Candia | | 1022.7 | 66 | W | 1 | b | 1023.5 | 0 | 66 | - | W | 1 | bc | 1 | - | 70 | 64 | | | | | |

THE BEAUFORT SCALE OF WIND FORCE.

| No. | Limits of Velocity. | |
|-----|-------------------------|--------------------|
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0.3 |
| 1 | 1-3 | 0.3-1.5 |
| 2 | 4-7 | 1.6-3.3 |
| 3 | 8-12 | 3.4-5.4 |
| 4 | 13-18 | 5.5-7.9 |
| 5 | 19-24 | 8.0-10.7 |
| 6 | 25-31 | 10.8-13.8 |
| 7 | 32-38 | 13.9-17.1 |
| 8 | 39-46 | 17.2-20.7 |
| 9 | 47-54 | 20.8-24.4 |
| 10 | 55-63 | 24.5-28.4 |
| 11 | 64-75 | 28.5-33.3 |
| 12 | Above 75 | 33.4 or above |

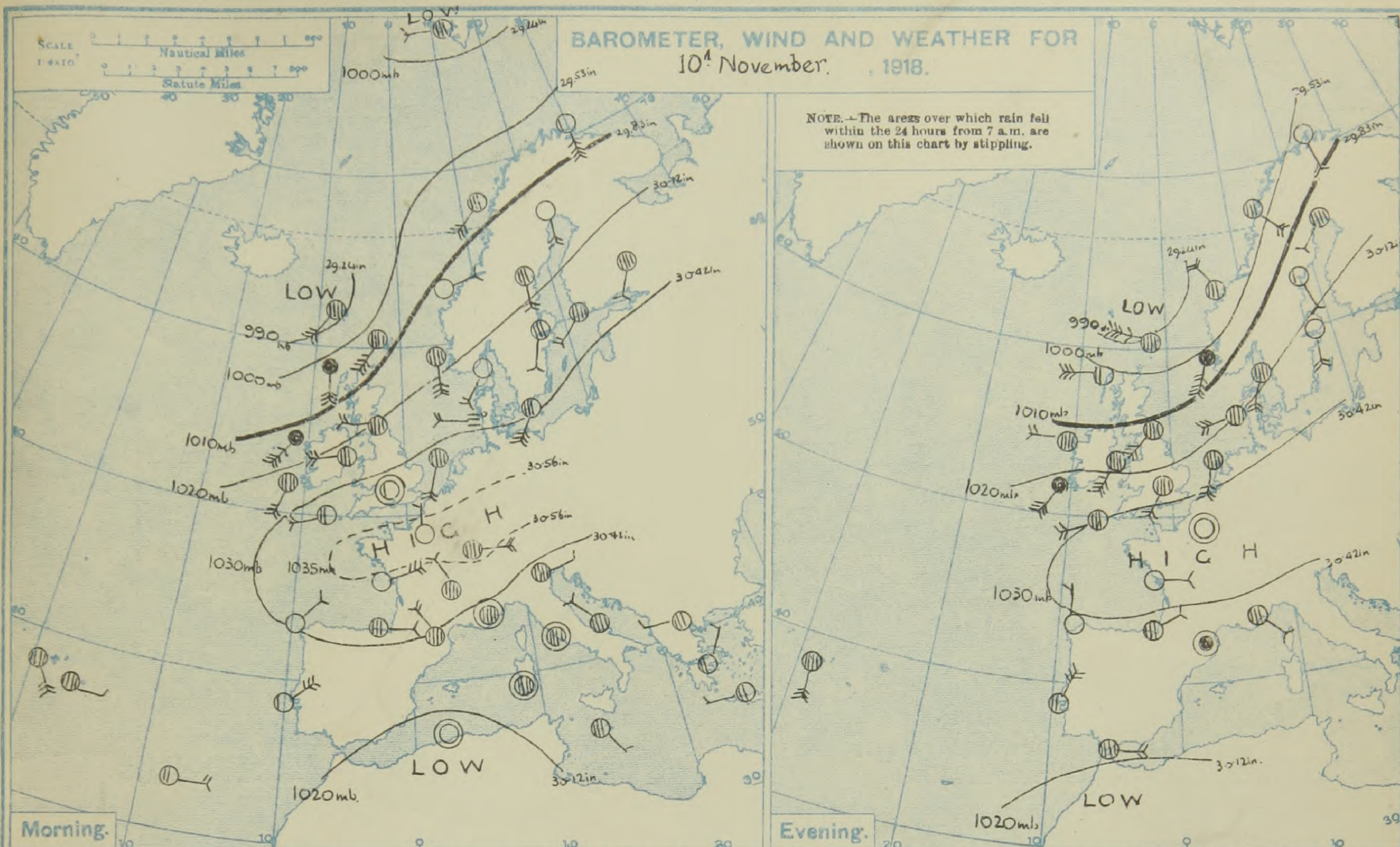
METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,808

Monday, 11th November, 1918.

BAROMETER, WIND AND WEATHER FOR 10th November, 1918.

NOTE.—The areas over which rain fell within the 24 hours from 7 a.m. are shown on this chart by stippling.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 10th NOVEMBER.

| STATIONS. | EVENING OF 9 th | | | | | MORNING OF 10 th | | | | | | | | | | MORNING OF 10 th | | | | | |
|----------------|----------------------------|-----------|-------------|-------------|----------|--------------------------------|--------------------|---------------------|-------------------------|-------------|-------------|----------|-------------------------|----------------|----------------|-------------------------------------|---------------------|-------------------------|-------------|-------------|----------|
| | Barom. Millibars at M.S.L. | Temp. °F. | Wind Direc. | Force 0-12. | Weather. | Barometer. Millibars at M.S.L. | Change in 3 hours. | Temp. Dry Bulb. °F. | Change in 24 hours. °F. | Wind Direc. | Force 0-12. | Weather. | Rain-fall. Millimetres. | Temp. Max. °F. | Temp. Min. °F. | ICELAND. Barom. Millibars at M.S.L. | Temp. Dry Bulb. °F. | Change in 24 hours. °F. | Wind Direc. | Force 0-12. | Weather. |
| RUSSIA. | | | | | | | | | | | | | | | | | | | | | |
| Orlov ... | | | | | | | | | | | | | | | | | | | | | |
| Kem ... | | | | | | | | | | | | | | | | | | | | | |
| Archangel ... | | | | | | | | | | | | | | | | | | | | | |
| Mesen ... | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | | | | | | | | | | | | | | | | | | | | | |
| Haparanda ... | | | | | | | | | | | | | | | | | | | | | |
| Hernösand ... | | | | | | | | | | | | | | | | | | | | | |
| Stockholm ... | | | | | | | | | | | | | | | | | | | | | |
| Wisby ... | | | | | | | | | | | | | | | | | | | | | |
| Sordovalva ... | | | | | | | | | | | | | | | | | | | | | |
| Hangö ... | | | | | | | | | | | | | | | | | | | | | |
| ITALY. | | | | | | | | | | | | | | | | | | | | | |
| Venice ... | 1028.2 | 55 | - | 0 | b | 1029.7 | x | 50 | | ENE | 1 | 0 | - | ? | ? | | | | | | |
| Turin ... | 1028.9 | 52 | - | 0 | c | 1031.1 | x | 50 | | - | 0 | 0 | - | 59 | 48 | | | | | | |
| Pesaro ... | 1029.0 | 57 | - | 0 | f | 1030.5 | x | 57 | | - | 0 | 0 | - | 61 | 54 | | | | | | |
| Leghorn ... | | | | | | | | | | | | | | | | | | | | | |
| Rome ... | 1026.1 | 63 | - | 0 | o | 1027.0 | x | 57 | | | 0 | 0 | - | 66 | 57 | | | | | | |
| Viesti ... | 1026.3 | 59 | NW | 1 | bc | 1027.7 | x | 59 | | NW | 2 | 0 | - | 64 | 52 | | | | | | |
| Brindisi ... | 1026.5 | 61 | NW | 3 | b | 1025.6 | x | 61 | | NW | 4 | 0 | - | 63 | 61 | | | | | | |
| Cagliari ... | | | | | | | | | | | | | | | | | | | | | |
| Palermo ... | | | | | | | | | | | | | | | | | | | | | |
| Tripoli ... | | | | | | | | | | | | | | | | | | | | | |

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

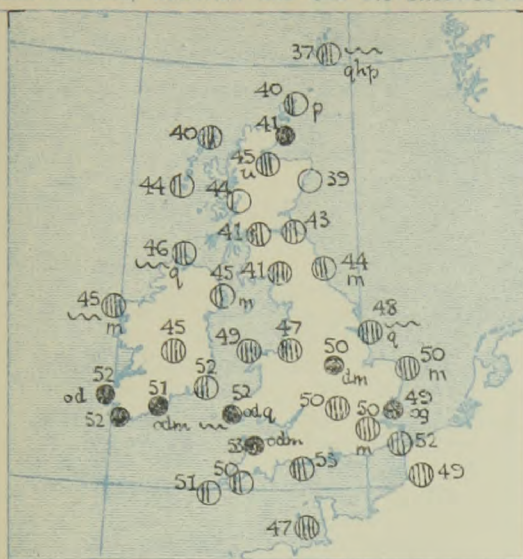
| 11 th and 12 th NOV. 1918. | Sunrise. | Noon. | Sunset. |
|--------------------------------------------------|----------|--------|---------|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7.8 | 11.37 | 4.6 |
| Greenwich ... | 7.10 | 11.37 | 4.4 |
| Wick ... | 7.12 | 11.44 | 4.16 |
| Valencia ... | 7.14 | 11.44 | 4.14 |
| | 7.53 | 11.56 | 3.59 |
| | 7.55 | 11.56 | 3.57 |
| | 7.57 | 12.25 | 4.55 |

| LONDON | | | | SOUTH KENSINGTON (M.O.) | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------|------------------|------------------|--------------|-------------------------------------------------------------------------------------|----------------|------------|----------|------------|--------|---------|-------------|-------------|---------------|-------------|-------------|------------|-------------|-------------|
| 11 th Nov. 9h. Q.M.T. | | | | Vertical Component of Solar Radiation per square Centimetre during 10 th | | | | | | | | | | | | | | |
| HUMIDITY. | | Sun-shine for | TEMPERATURE. | | | Rain-fall. | WEATHER. | | | Total. | | | Average Rate. | | | Max. Rate. | | |
| 15 h. | 9 h. | | Max. | Min. | Min. on Grass. | | Morning. | Afternoon. | Night. | Joules. | Milliwatts. | Milliwatts. | Joules. | Milliwatts. | Milliwatts. | Joules. | Milliwatts. | Milliwatts. |
| 10 th | 11 th | 10 th | ° F. | ° F. | ° F. | mm. | | | | | | | | | | | | |
| 75 | 90 | 2.6 | 54 | 47 | 44 | 1 | 0 | 0.07 | 0 | | | | | | | | | |
| CITY (Bunhill Row) .. | | | * | * | * | * | * | * | * | | | | | | | | | |
| WESTMINSTER (St. James's Park) .. | 75 | 92 | 54 | 44 | 38 | 1 | * | * | * | | | | | | | | | |
| " (Roof near Charing Cross) .. | 78 | 93 | 52 | 46 | * | 0.3 | bmw. bc | c.09 | 0.0d.0 | | | | | | | | | |
| CAMDEN SQ. (British Rainfall) .. | 8 | 90 | 53 | 45 | 37 | Trace | * | * | * | | | | | | | | | |
| KENSINGTON PALACE .. | 80 | 91 | 59 | 45 | 45 | 0.8 | bm | c.0 | * | | | | | | | | | |
| NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens. | | | | | | | | | | | | | | | | | | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

THE MORNING OF Monday, 11th NOVEMBER 1918, at 7h. G.M.T.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

During the past 24 hours the weather over these Islands was cloudy or dull generally except in the south of England where the morning was fair; rain spread across the British Isles from the west, but was only heavy in the north-west, reaching 31 mm. at Eskdalemuir. Bright sunshine was recorded only in the south, the maximum being 6.2 hours at Jersey; temperature was moderate, there being no maximum above 57° (Jersey) and except in the north of Scotland, no minimum below 40°.

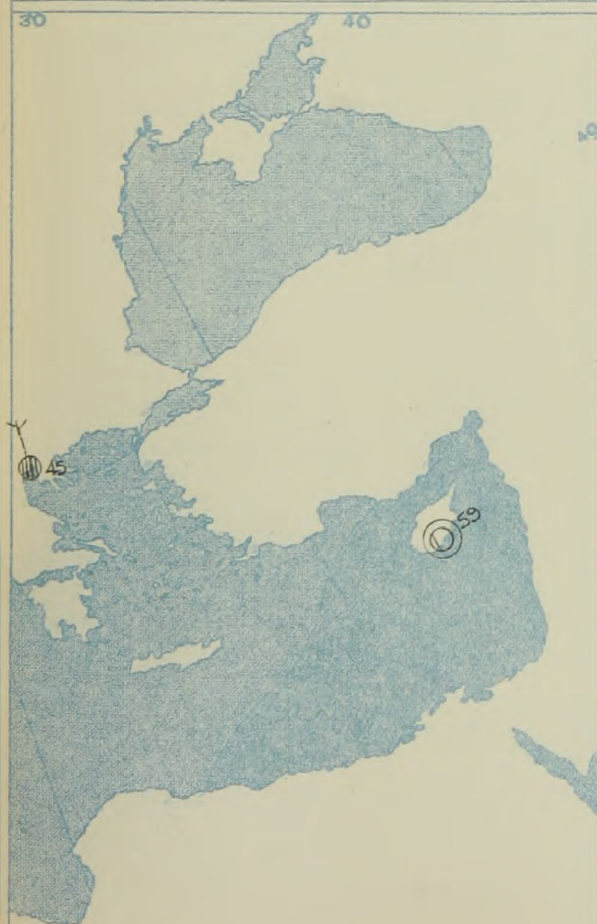
The Conditions at 7h. Today

There is a deep depression centred near Bodo, with a shallow secondary over Ireland; a new depression has appeared near the Azores. Pressure is high over France.

The Outlook

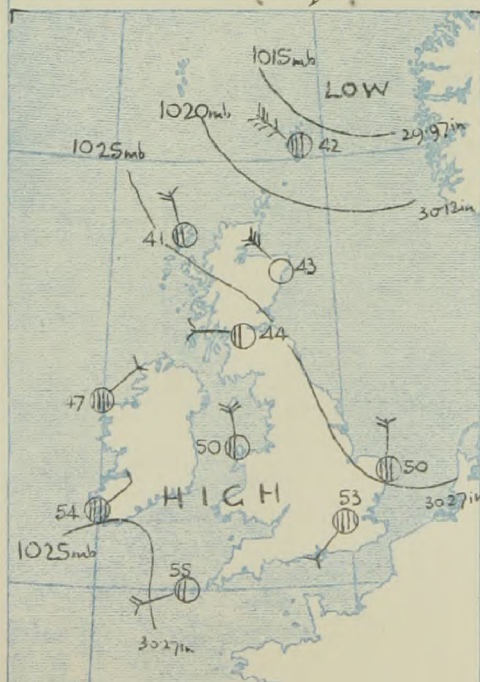
The Norwegian depression is passing away north-eastwards, and the barometer is rising generally in its rear, except over the English Channel, where the eastward progress of the secondary is causing a slight fall. The depression near the Azores, however, may be expected to affect these Islands during the next twenty four hours causing backing and freshening winds on our western coasts.

J.H.



Monday, 11th

NOVEMBER, 1918, at 12h. (1p.m.) G.M.T.



The barometer continues to rise in the north of these islands but in the south small irregularities of pressure are developing.

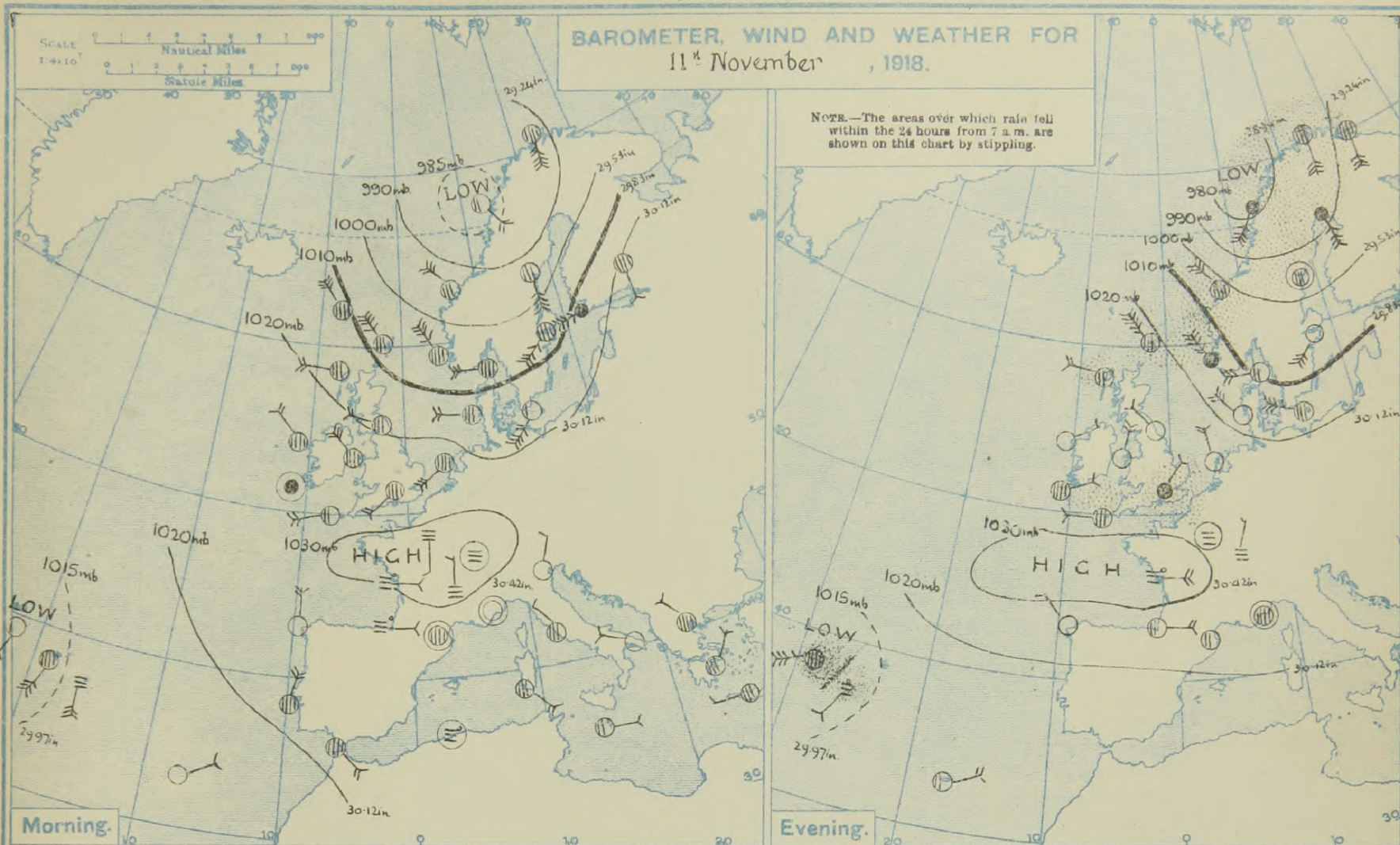
GREENWICH
CITY (Borough)
WESTMINSTER
CAMDEN
KENSINGTON

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,309. Tuesday, 12th November 1918.

BAROMETER, WIND AND WEATHER FOR 11th November 1918.

NOTE.—The areas over which rain fell within the 24 hours from 7 a.m. are shown on this chart by stippling.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 11th NOVEMBER

| STATIONS. | | EVENING OF...10 th ... | | | | | MORNING OF...11 th ... | | | | | | | | | | MORNING OF...11 th ... | | | | | |
|-----------|---------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------------|--------------------------|----------------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|-------|----------------------|---------------------------|--------|----------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. ° F. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. ° F. | Change in 24 hours. | Dirac. | |
| | | ° F. | | | | | ° F. | ° F. | | | | | | ° F. | ° F. | | | ° F. | ° F. | | | |
| RUSSIA | Orlov ... | | | | | | | | | | | | | | | | | | | | | |
| | Kem ... | | | | | | | | | | | | | | | | | | | | | |
| | Archangel ... | | | | | | | | | | | | | * | | | | | | | | |
| | Mesen... | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | 1014.0 | 34 | SW | 2 | 0 | 1022.9 | | | | | | | | | | | | | | | |
| | Hernösand ... | 1014.7 | 41 | SSE | 2 | b | 7 | * | 45 | | S | 8 | c | * | * | * | | | | | | |
| | Stockholm ... | 1023.5 | 41 | S | 4 | b | | | | | | | | | | | | | | | | |
| | Wisby ... | 1027.8 | 45 | SW | 2 | b | 1005.2 | * | 4.5 | | SW | 8 | 0 | * | * | * | | | | | | |
| | Sordovalä ... | 1027.0 | 41 | S | 1 | 0 | 1013.9 | * | 4.6 | | SW | 8 | 0 | * | * | * | | | | | | |
| | Hangö ... | 1026.4 | 48 | WSW | 8 | 0 | 1022.9 | * | 4.3 | | S | 2 | 0 | * | * | * | | | | | | |
| ITALY. | | | | | | | 1017.4 | * | 4.8 | | WSW | 8 | Y | * | * | * | | | | | | |
| | Venice ... | 1030.5 | 55 | - | 0 | b | 1027.7 | x | 52 | +2 | NE | 1 | b | - | 63 | 50 | | | | | | |
| | Turin ... | 1029.7 | 50 | - | 0 | b | 1028.7 | x | 50 | 0 | - | 0 | 0 | - | 57 | 46 | | | | | | |
| | Pesaro ... | | | | | | | * | | | | | | | | | | | | | | |
| | Leghorn ... | | | | | | | * | | | | | | | | | | | | | | |
| | Rome ... | ? | 63 | N | 1 | 0 | 1025.4 | x | 55 | -2 | N | 1 | c | - | 70 | 54 | | | | | | |
| | Viesti ... | | | | | | | * | | | | | | | | | | | | | | |
| | Brindisi ... | 1026.5 | 61 | NW | 3 | Y | 1024.1 | x | 63 | +2 | NW | 2 | b | - | 63 | 61 | | | | | | |
| | Cagliari ... | 1023.3 | 75 | SE | 3 | c | 1022.7 | x | 66 | | SE | 3 | c | - | 79 | 59 | | | | | | |
| | Palermo ... | | | | | | | * | | | | | | | | | | | | | | |
| | Tripoli ... | | | | | | | * | | | | | | | | | | | | | | |

| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------|-----|-----|----------|--------|---------|--|--|--|--|--|--|
| 12 th AND 13 th NOV. 1918. | | | Sunrise. | Noon. | Sunset. | | | | | | |
| | | | G.M.T. | G.M.T. | G.M.T. | | | | | | |
| Yarmouth | ... | ... | 7.10 | 11.37 | 4.4 | | | | | | |
| | | | 7.12 | 11.37 | 4.3 | | | | | | |
| Greenwich | ... | ... | 7.14 | 11.44 | 4.14 | | | | | | |
| | | | 7.16 | 11.44 | 4.13 | | | | | | |
| Wick | ... | ... | 7.55 | 11.56 | 3.57 | | | | | | |
| | | | 7.58 | 11.56 | 3.55 | | | | | | |
| Valencia | ... | ... | 7.57 | 12.25 | 4.53 | | | | | | |
| | | | 7.59 | 12.25 | 4.53 | | | | | | |

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

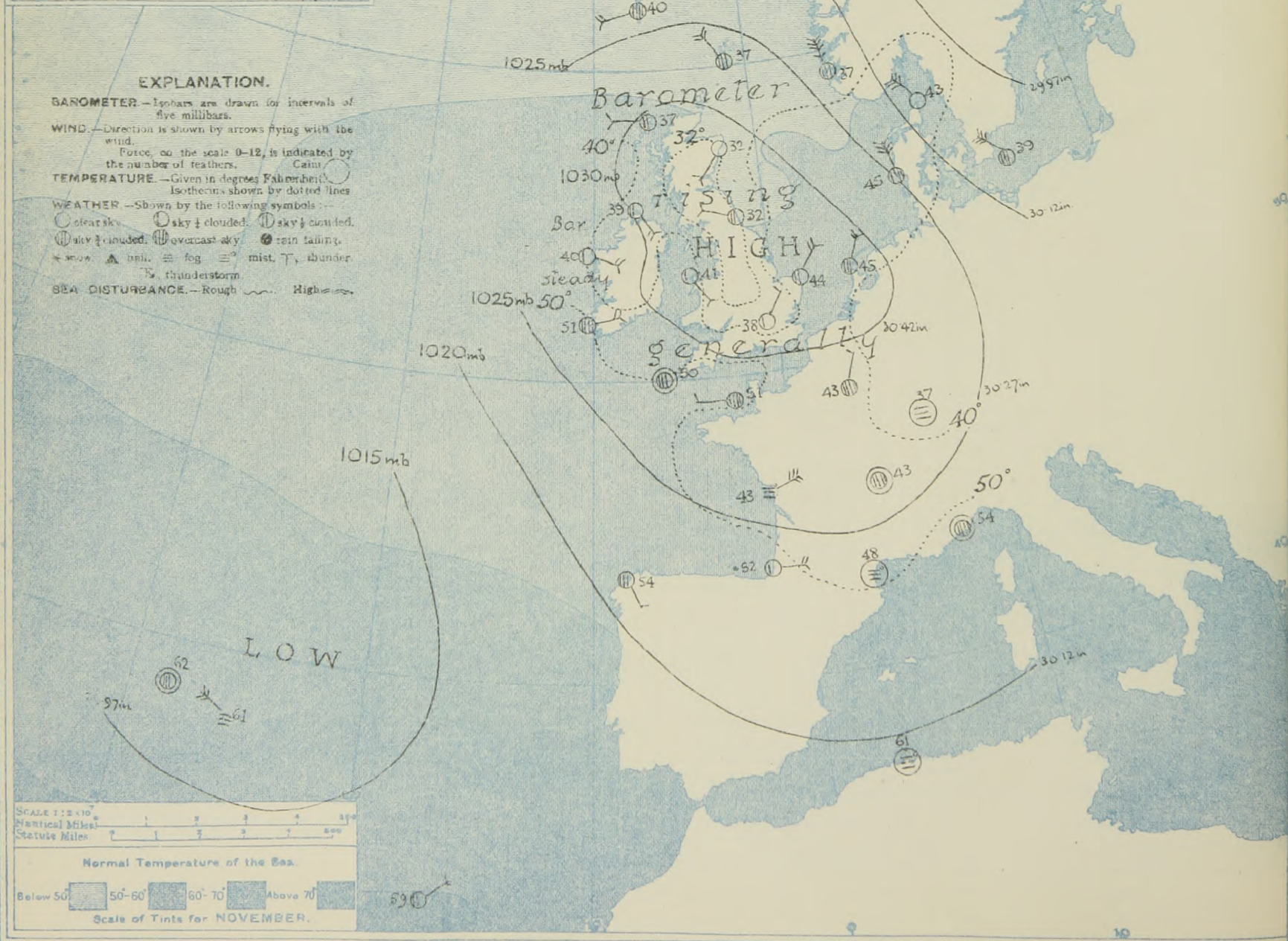
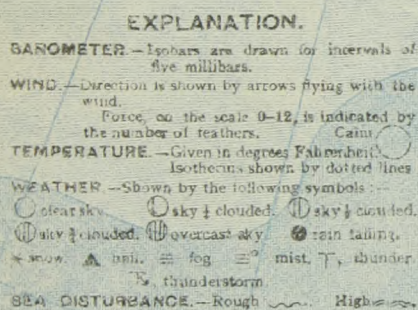
| 12 th AND 13 th NOV 1918. | | Sunrise. | Noon. | Sunset. |
|-------------------------------------------------|--|----------|--------|---------|
| | | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | | 7.10 | 11.37 | 4.4 |
| Greenwich ... | | 7.12 | 11.37 | 4.3 |
| Wick ... | | 7.14 | 11.44 | 4.14 |
| Valencia ... | | 7.16 | 11.44 | 4.13 |
| | | 7.55 | 11.56 | 3.57 |
| | | 7.58 | 11.56 | 3.55 |
| | | 7.57 | 12.25 | 4.53 |
| | | 7.59 | 12.25 | 4.52 |

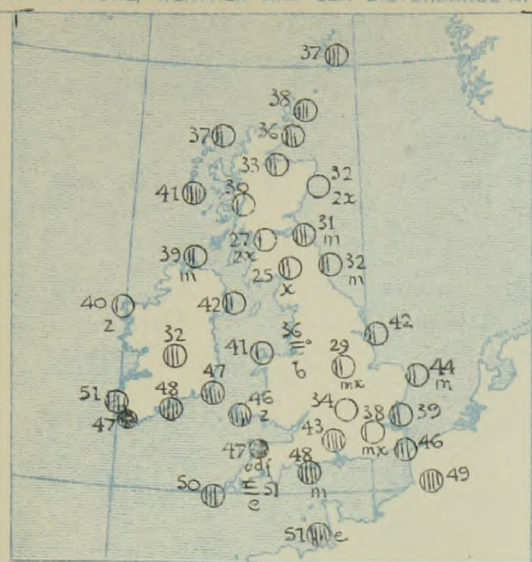
| LONDON | | HUMIDITY. | | Sunshine for | 24 HOURS ENDED 6 h. 12 th | | | | WEATHER. | | |
|----------------------------------|--|-----------|------|--------------|--------------------------------------|------|---------------|------------|----------|------------|---------|
| 12 th Nov. 9h. G.M.T. | | 15 h. | 9 h. | | Max. | Min. | Min. on Grass | Rain-fall. | Morning. | Afternoon. | Night. |
| GREENWICH (Royal Observatory) | | 94 | 87 | 0.0 | 54 | 35 | 24 | 4 | C.O.C | C.Y | Y.O.C |
| CITY (Bunhill Row) | | | | 0.0 | * | * | * | * | * | * | * |
| WESTMINSTER (St. James's Park) | | 94 | 85 | 0.0 | 54 | 39 | 32 | 3 | * | * | * |
| " (Roof near Charing Cross) | | 94 | 85 | 0.0 | 55 | 40 | * | 2 | om.0 | 0.Y.0 | bc.b.bc |
| CAMDEN SQ. (British Rainfall) | | 95 | 86 | 0.0 | 57 | 35 | 29 | 2 | 0 | 0.0r | * |
| KENSINGTON PALACE | | 92 | 93 | * | 54 | 37 | 24 | 3 | 0 | 0.0r | * |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|-------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 11 th | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| - | - | - |

THE MORNING OF Tuesday, 12TH NOVEMBER 1918, at 7h. G.M.T.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Over the country as a whole the weather was cloudy or dull yesterday morning, with local drizzle and a good deal of mist or fog, but an improvement set in in most districts during the day, overcast skies and drizzle persisting until evening only in the south of England, but the amounts of precipitation were everywhere small. Above 6 hours of sunshine were recorded in the south of Scotland and north of England, but little elsewhere. The night was mostly fine, with local mist and inland frost, shade minima below freezing point occurring at several stations; during the day the maximum nowhere exceeded 55°.

The Present Conditions

There is a large area of high pressure over the British Isles, Holland and France, with local maxima over Great Britain and Central France. From this there is a steep gradient south-westward of a deep depression now centred between North Cape and Vardo, with strong winds or gales from NW. along the whole Norwegian Atlantic coast. There is another depression centred north-east of the Azores.

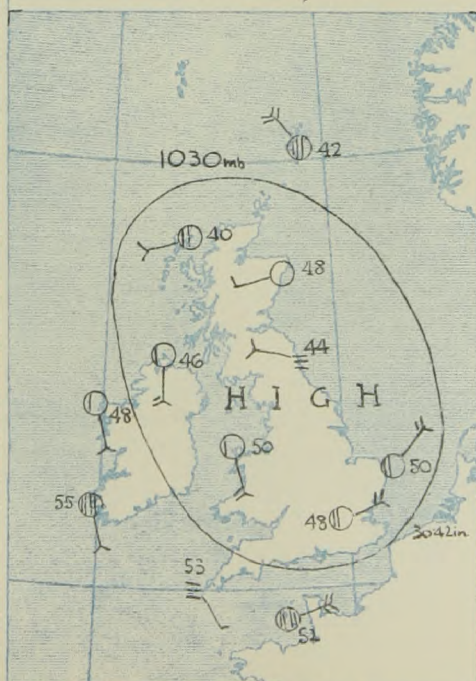
The General Outlook

The depression near North Cape is moving away north-eastwards and will soon cease to influence the weather even of the Shetland Islands, but the barometer has ceased to rise on the west coast of Ireland and the depression near the Azores may be expected to affect these Islands shortly, causing backing and freshening winds and unsettled weather.

H.H.

Tuesday, 12th

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



The anticyclone over the British Islands retains its position unchanged.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 316.

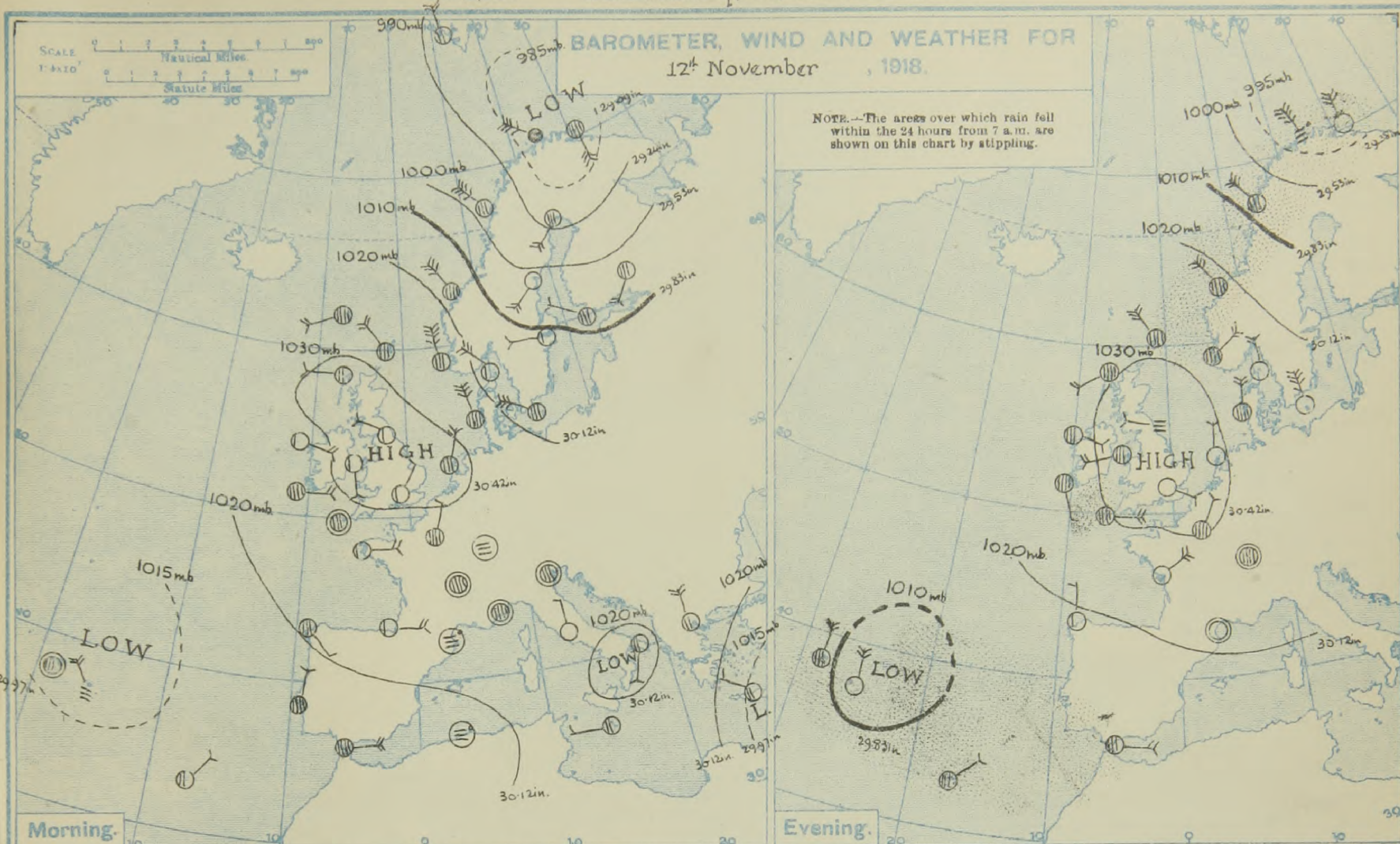
TUESDAY,
12TH NOVEMBER.

| STATIONS. | EVENING OF 11 TH | | | | | MORNING OF 12 TH | | | | | | | | | | 24 HOURS ENDED 12 TH | | | | | Sun- shine for 11 TH Hours. | |
|------------------|---------------------------------------|--------------|--------|----------------|----------|-------------------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|---------------------------------|------|----------|-------------|-------------|----------------------------------------------------|-----|
| | Barom. Milli- bars at M.S.L. | TEMP. °F. | WIND. | | Weather. | Barometer. Milli- bars at M.S.L. | Change in 3 hours. | TEMP. | | WIND. | | Direc. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | |
| | | | Direc. | Force 0-12. | | | | Dry Bulb. | Change in 24 hours. | Direc. | Force 0-12. | | | | | Max. | Min. | Morning. | Afternoon. | Night. | | |
| BRITISH ISLANDS. | Lerwick | 1020.6 | 32 | NW | 9 | cq. n | 1028.0 | +2 | 37 | 0 | NW | 4 | NW | c | 3 | 0.4 | 38 | 31 | cq. m. p. | cq. p. | bc | * |
| | Deerness (Orkney) | 1025.4 | 42 | NW | 4 | c | 1029.8 | * | 38 | -2 | WNW | 4 | - | c | 4 | - | 42 | 36 | bc. b | b. bc | c | 2.7 |
| | Stornoway | 1027.8 | 38 | WNW | 3 | bc | 1031.4 | +1 | 37 | -3 | W | 2 | - | bc | 1 | 1 | 44 | 36 | c. bc | bc | bc. p. | 3.3 |
| | Castletown (Barra Is.) | 1028.7 | 43 | NNE | 2 | bc | 1031.5 | 0 | 41 | -3 | - | 0 | - | o | 1 | Trace | 47 | 38 | bc | c. bc | bc. op. o | 3.0 |
| | Glasgow | 1029.3 | 36 | WNW | 2 | b | 1034.0 | +3 | 27 | -14 | E | 1 | - | b. x | * | - | 45 | 27 | c. bc. m | b | b. f. x | 6.2 |
| | Eska Dalemuir | 1029.4 | 35 | N | 1 | b | 1034.4 | +2 | 25 | -16 | - | 0 | - | b. x | * | - | 45 | 24 | o. bc. y | bc. b | b. f. x | 6.2 |
| | Malin Head | 1028.6 | 44 | N | 2 | b | 1031.6 | +1 | 39 | -7 | SSE | 3 | - | bc. m | 3 | - | 47 | 39 | cq. | bc | bc. m | 2.1 |
| | Blacksod Point | 1028.7 | 43 | ENE | 1 | b. y | 1028.9 | 0 | 40 | -5 | ESE | 3 | - | b. y | 3 | - | 52 | 38 | o. y | bc. y | b. y | * |
| | Valencia (Cabriel Veon) | 1025.5 | 53 | ENE | 2 | o | 1027.2 | +1 | 51 | -1 | E | 3 | SE | o | 3 | 0.5 | 54 | 50 | od. m | o | o | 0.0 |
| | Roche's Point | 1027.2 | 48 | ESE | 4 | om. e | 1029.2 | +1 | 48 | -3 | ESE | 2 | - | o | 2 | 2 | 53 | 47 | od. f | f. d. oe | oe. o | * |
| | Birr Castle | 1028.4 | 47 | - | 1 | c | 1030.2 | * | 32 | -13 | NE | 1 | - | c | * | - | 49 | 32 | c | c | cx | 1.8 |
| | Donaghadee | 1028.2 | 45 | NW | 3 | bc | 1029.1 | +1 | 42 | -3 | SE | 2 | SE | bc. m | 1 | 0.2 | 48 | 40 | bc. m | bc. m. p. | bc. m | * |
| | Liverpool (Bidston) | 1028.0 | 46 | NW | 1 | b | 1032.0 | +2 | 36 | -13 | E | 2 | - | bc. m | 1 | - | 50 | 36 | b | c. b | bc. m | 2.6 |
| | Holyhead | 1028.0 | 47 | NNE | 4 | b | 1030.7 | +1 | 41 | -8 | SSE | 2 | - | b | 1 | - | 51 | 40 | o. c. bc | bc. b | bc. x | 3.4 |
| | Pembroke (St. Ann's) | 1027.4 | 47 | E | 2 | c | 1030.0 | +2 | 46 | -6 | E | 3 | - | o. y | 2 | 3 | 53 | 45 | od. f | od. f. c | od. f | 0.0 |
| | Hartland Quay | 1027.8 | 53 | W | 3 | od. f | 1029.6 | +2 | 47 | -5 | E | 3 | - | od. f | 3 | 3 | 53 | 47 | od. m. f | od. f | od. f | * |
| | Scilly (St. Mary's) | 1028.5 | 52 | W | 2 | c | 1028.6 | 0 | 50 | -1 | - | 0 | - | c | 3 | - | 55 | 50 | c. bc | bc. c | bc. c | 2.6 |
| | Falmouth | 1027.9 | 54 | WSW | 2 | od. m | 1029.1 | +1 | 51 | +1 | W | 1 | - | fe | * | Trace | 54 | 49 | bc. c | c | d. m. f | 0.1 |
| | Jersey (St. Aubin) | 1028.1 | 51 | SW | 2 | bc | 1028.2 | 0 | 51 | +4 | W | 1 | - | bc | 0 | - | 55 | 46 | o. bc. o | o. bc | c. od | 1.5 |
| | Portland Bill | 1026.8 | 54 | W | 3 | o | 1029.3 | +3 | 48 | -5 | ENE | 4 | - | om | 4 | 2 | 54 | 47 | cp | cp. d | od. m | * |
| | Dungeness | 1025.7 | 52 | WSW | 2 | r | 1029.2 | +2 | 46 | -6 | NE | 3 | - | c | 2 | 2 | 54 | 45 | c. or | c. or | r. or. c | * |
| NORTHEN EUROPE. | Wick | 1026.7 | 39 | WNW | 2 | bc | 1031.0 | +2 | 36 | -5 | W | 2 | - | c | 2 | 0.3 | 43 | 34 | op. q | op. q. bc | bc. m. c | * |
| | Nairn | 1027.8 | 37 | - | 0 | c | 1032.0 | * | 33 | -6 | - | 0 | - | bc | 1 | - | 43 | 32 | c. bc | bc. r | c. bc. x | 1.4 |
| | Aberdeen | 1028.0 | 37 | WNW | 2 | b | 1032.5 | +3 | 32 | -7 | SW | 2 | N | b. x. y | 2 | - | 45 | 31 | b. q. p. | bc. q. p. b | b. x. y | 4.5 |
| | Leith | 1028.5 | 40 | SW | 1 | b | 1032.5 | +1 | 31 | -12 | SW | 1 | SW | om | 1 | - | 46 | 30 | c. bc. b | b | b. x. m. s | * |
| | Tynemouth | 1027.1 | 48 | NW | 2 | bc. m | 1032.3 | +1 | 33 | -11 | WNW | 2 | - | bc. m | 2 | - | 48 | 33 | bc | bc | bc. m | * |
| | Spurn Head | 1026.6 | 47 | NE | 4 | cq. | 1032.0 | +2 | 42 | -6 | NE | 2 | - | bc | 4 | 1 | 49 | 40 | bc. q | cq. | bc | 6.0 |
| | Yarmouth (Gorleston) | 1025.9 | 44 | N | 2 | bc. m | 1030.7 | +2 | 44 | -6 | NE | 3 | - | bc. m | 3 | 1 | 51 | 41 | om. om | om. om | bc. m | 0.0 |
| | Clacton-on-Sea | 1026.7 | 47 | NW | 2 | og. m | 1031.3 | +3 | 39 | -10 | N | 3 | - | bc | 2 | 1 | 50 | 38 | og. m. p. d | og. m. p. d | cq. bc | 0.0 |
| | Nottingham | 1027.9 | 45 | NNW | 1 | bc | 1033.0 | * | 29 | -21 | E | 1 | - | bc | * | Trace | 53 | 28 | m. c | om | bc. b | 0.2 |
| | Benson (Oxon.) | 1027.0 | 47 | NNE | 3 | o | 1031.0 | +2 | 34 | -16 | - | 0 | N | b | * | 2 | 55 | 34 | o | o. d | o. b. m | * |
| FRANCE, &c. | St. Farnborough | 1026.6 | 49 | WSW | 2 | od. m | 1031.3 | +2 | 38 | -11 | NNE | 2 | NW | om | * | 2 | 52 | 38 | or. od | od. om | ord. m | 0.0 |
| | Salisbury Plain | 1026.8 | 51 | W | 2 | od | 1031.7 | +5 | 43 | -4 | E | 2 | NE | o | * | 1 | 54 | 42 | od | od | od. o | 8.0 |
| | London (Kew Obsy.) | 1027.5 | 48 | NE | 2 | r | 1032.1 | +3 | 38 | -12 | NE | 1 | N | b | * | 3 | 53 | 37 | om. o | o. om. od | om. d. x | 0.0 |
| | Spitsbergen | 991.0 | 41 | S | 6 | o | 980.6 | 0 | 37 | - | S | 5 | - | o | 3 | * | 41 | 30 | - | - | - | - |
| | Vardö | 991.0 | 41 | S | 6 | c | 981.0 | ? | 39 | +2 | NW | 8 | - | r | 5 | 3 | 41 | 37 | - | - | - | - |
| | Gjesvær | 983.1 | 39 | S | 6 | c | 981.0 | ? | 39 | +2 | NW | 8 | - | r | 5 | 3 | 41 | 37 | - | - | - | - |
| | Bodö | 979.7 | 39 | SSW | 8 | r | 998.3 | +8 | 37 | -8 | NW | 8 | - | c | 5 | 7 | 43 | 36 | - | - | - | - |
| | Christiansund | 1005.9 | 36 | NW | 6 | o | 1018.0 | +5 | 37 | -6 | NW | 6 | - | o | 5 | 10 | 43 | 34 | - | - | - | - |
| | Skudesnaes | 1016.2 | 37 | NW | 9 | r | 1024.0 | +3 | 37 | -8 | NNW | 8 | - | c | 5 | 4 | 43 | 37 | - | - | - | - |
| | Færder (Kjølhaugen) | 1007.7 | 43 | W | 6 | b | 1017.7 | +5 | 41 | -5 | WNW | 2 | - | bc | 3 | - | 45 | 39 | - | - | - | - |
| IBERIA, &c. | The Scaw (Skagen) | 1009.3 | 43 | W | 5 | bc | 1017.9 | +5 | 43 | -3 | NW | 5 | - | b | 5 | - | 46 | 39 | - | - | - | - |
| | Blaavands Huk | 1019.1 | 43 | NW | 5 | b | 1025.1 | +2 | 45 | -5 | NNW | 6 | - | o | * | - | 52 | 39 | - | - | - | - |
| | Copenhagen | 1015.5 | 45 | W | 3 | b | 1019.9 | +3 | 39 | -7 | NNW | 3 | - | c | * | 5 | 48 | 39 | - | - | - | - |
| | Bornholm | 1014.9 | 46 | WNW | 7 | c | 1017.6 | +3 | 39 | -7 | WNW | 6 | - | c | 2 | Trace | 46 | 39 | - | - | - | - |
| | The Helder | 1024.8 | 48 | NNW | 3 | b | 1031.0 | +3 | 45 | -7 | NNE | 3 | * | c | 2 | - | 54 | 45 | - | - | - | - |
| | C. Gris Nez | 1026.1 | 52 | W | 4 | f | 1029.7 | +2 | 45 | -9 | E | 3 | * | c | * | 3 | 54 | 45 | - | - | - | - |
| | La Hève | 1027.9 | 46 | W | 3 | o | 1029.1 | +2 | 48 | +3 | SE | 1 | * | c | * | 3 | 48 | 41 | - | - | - | - |
| | Brest (St. Mathieu) | 1033.2 | 48 | NNE | 1 | b | 1024.0 | 0 | 45 | - | E | 3 | * | b | * | - | 7 | 7 | - | - | - | - |
| | Roche fort (Île d'Aix) | 1026.6 | 46 | E | 4 | m | 1025.3 | 0 | 43 | - | ENE | 5 | * | m | * | - | 55 | 41 | - | - | - | - |
| | Biarritz | 1023.1 | 57 | E | 3 | bc | 1021.7 | 0 | 52 | +11 | E | 3 | * | b | * | - | 63 | 50 | - | - | - | - |
| MEDITERRANEAN. | Paris | 1029.2 | 37 | - | 0 | f | 1029.0 | +2 | 43 | -5 | NNE | 1 | * | o | * | - | 43 | 36 | - | - | - | - |
| | Belfort | 1026.1 | 52 | W | 4 | f | 1028.8 | * | 37 | -6 | - | 0 | * | o | * | - | 53 | 37 | - | - | - | - |
| | Lyons | 1028.0 | 45 | NW | 1 | o | 1027.7 | 0 | 43 | 0 | - | 0 | * | o | * | - | 46 | 43 | - | - | - | - |
| | Nice | 1024.3 | 55 | - | 0 | o | 1022.7 | -1 | 54 | 0 | - | 0 | * | o | * | - | 63 | 52 | - | - | - | - |
| | Perpignan | 1023.5 | 55 | - | 0 | bc | 1023.5 | +1 | 48 | -6 | - | 0 | * | m | * | - | 63 | 45 | - | - | - | - |
| | Sanguinaire | 1021.7 | 59 | NW | 1 | b | 1020.8 | 0 | 54 | +8 | SE | 1 | - | c | 2 | - | 61 | 50 | - | - | - | - |
| | Corunna | 1021.7 | 59 | NW | 1 | b | 1020.8 | 0 | 54 | +8 | SE | 1 | - | c | 2 | - | 61 | 50 | - | - | - | - |
| | Madrid | 1021.7 | 59 | NW | 1 | b | 1020.8 | 0 | 54 | +8 | SE | 1 | - | c | 2 | - | 61 | 50 | - | - | - | - |
| | Lisbon | 1021.7 | 59 | NW | 1 | b | 1020.8 | 0 | 54 | +8 | SE | 1 | - | c | 2 | - | 61 | 50 | - | - | - | - |
| | Azores (Horta) | 1013.1 | * | WNW | 3 | bc | 1013.0 | +1 | 62 | -2 | - | 0 | * | c | 4 | 2 | 66 | 59 | - | - | - | - |
| MEDITERRANEAN. | „ (P. Delgada) | 1012.7 | * | SW | 2 | bc | 1011.5 | 0 | 61 | - | WNW | | | | | | | | | | | |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,810

Wednesday, 13th November 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 12th November

| STATIONS. | | EVENING OF... 11 th | | | | | MORNING OF... 12 th | | | | | | | | | | MORNING OF... 12 th | | | | | | | | | |
|----------------------------------------------------|---------------|---------------------------------------|-------|--------|----------------|----------|--------------------------------------|--------------------------|----------------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|-------------|----------------------|---------------------------|-----------|----------|----------------|--|--|--|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | | | | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. ° F. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. ° F. | Change in 24 hours. | Dirac. | | Force 0-12. | | | |
| RUSSIA. | Orlov ... | | ° F. | | | | | | ° F. | ° F. | | | | | ° F. | ° F. | Isafjord ... | | ° F. | ° F. | | | | | | |
| | Kem ... | | | | | | | | | | | | | | * | | | Reykjavik | | | | | | | | |
| | Archangel ... | | | | | | | | | | | | | | | | | | Vestmanna | | | | | | | |
| | Mesen... | | | | | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | 982.1 | 41 | S | 8 | r | 987.7 | | 37 | - | SW | 4 | c | * | * | * | Thorshavn | 1023.6 | 40 | +7 | WSW | 3 | 0 | | | |
| | Hernösand ... | 997.0 | 37 | - | 0 | b | 1002.4 | * | 36 | -9 | SW | 4 | b | x | * | * | | Seydisfjord | | | | | | | | |
| | Stockholm ... | 1053.1 | 41 | SW | 6 | c | 1010.6 | * | 41 | -4 | W | 2 | b | x | * | * | | | Vestmanna | | | | | | | |
| | Wisby ... | 1008.8 | 45 | WSW | 6 | b | 1012.4 | * | 41 | -5 | WNW | 4 | b | * | * | * | | | | Seydisfjord | | | | | | |
| | Sordovalä ... | | | | | | 1004.0 | | 37 | -6 | SW | 3 | c | * | * | * | | | | | Thorshavn | | | | | |
| | Hangö ... | | | | | | 1006.3 | | 41 | -7 | WNW | 2 | c | * | * | * | | | | | | | | | | |
| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

| 13 th and 14 th Nov 1918. | Sunrise. | | Noon. | | Sunset. | |
|-------------------------------------------------|----------|--------|--------|--------|---------|--------|
| | G.M.T. | G.M.T. | G.M.T. | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7.12 | 11.37 | 4.3 | | | |
| Greenwich ... | 7.14 | 11.38 | 4.2 | | | |
| Wick ... | 7.18 | 11.44 | 4.13 | | | |
| Valencia ... | 7.58 | 11.56 | 3.55 | | | |
| | 8.0 | 12.5 | 4.52 | | | |
| | 8.1 | 12.26 | 4.51 | | | |

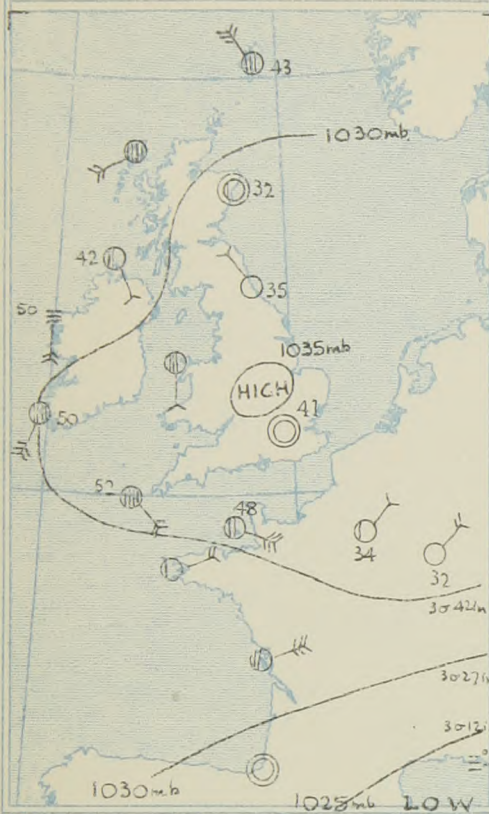
| LONDON | | Humidity. | | Sun-shine for 12 h. | TEMPERATURE. | | | | Rain-fall. | WEATHER. | | |
|------------------------------------------|--|-----------|------|---------------------|--------------|------|----------------|-----|------------|----------|------------|------------|
| | | 13 h. | 9 h. | | Max. | Min. | Min. on Grass. | °F. | | Morning. | Afternoon. | Night. |
| 13 th November ... 9h. G.M.T. | | | | | | | | | | | | |
| GREENWICH (Royal Observatory) | | 79 | 96 | 4.8 | 50 | 31 | 22 | | - | b, bc | e, o | e, b, x, c |
| CITY (Bunhill Row) | | * | * | 1.7 | * | * | * | | * | * | * | * |
| WESTMINSTER (St. James's Park) | | 79 | 85 | 0.7 | 50 | 36 | 34 | | - | * | * | * |
| " (Roof near Charing Cross) | | 80 | 85 | 0.0 | 50 | 39 | * | | - | b, bc | e, bc | e, cm, om |
| CAMDEN SQ. (British Rainfall) | | 78 | 88 | 3.1 | 50 | 31 | 29 | | - | b, bc | -bc, o | * |
| KENSINGTON PALACE | | 75 | 95 | * | 49 | 42 | 23 | | - | fe | fe | * |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|--------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 12 h. | | |
| Total. | Average Rate. | Max. Rate. |
| Jonies. | Milliwatts. | Milliwatts. |
| | | |

13th, NOV, at 1h. G.M.T.

THE MORNING OF Wednesday, 13th NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

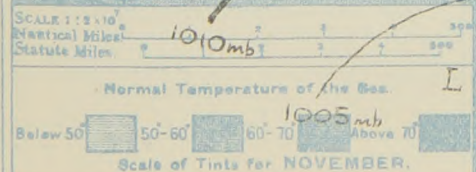
WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0-12, is indicated by the number of feathers.

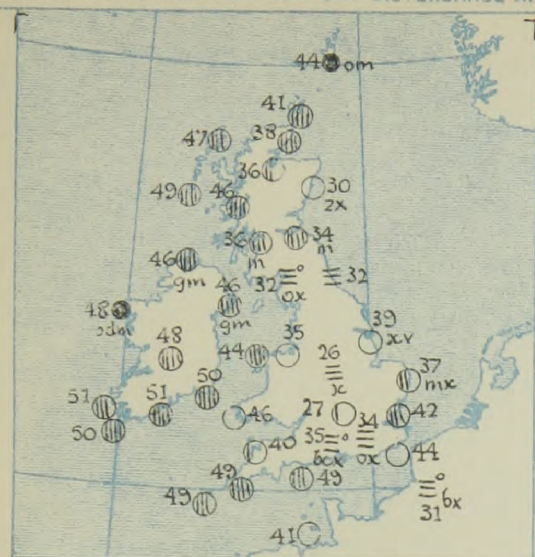
TEMPERATURE.—Given in degrees Fahrenheit.
Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded.
○ sky & clouded. ○ overcast sky. ○ rain falling.
* snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.
T, thunderstorm.

SEA DISTURBANCE.—Rough ~~~~~ High ~~~~~





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

During the past 24 hours the sky has been variably clouded, but on the whole the weather was fair except in the south-west, where it was dull with occasional drizzle. In the east of Great Britain the weather was fine throughout the day and about six hours of bright sunshine were recorded at several points, reaching 6.5 hours at Nairn.

Mist or fog was general in the south-west and local elsewhere. Temperatures were low, the maximum exceeding 50° only at a few places in the south and south-west, while shade minima below 32° occurred at many places, reaching 21° at Eskdalemuir and 24° at Nottingham.

The Present Conditions

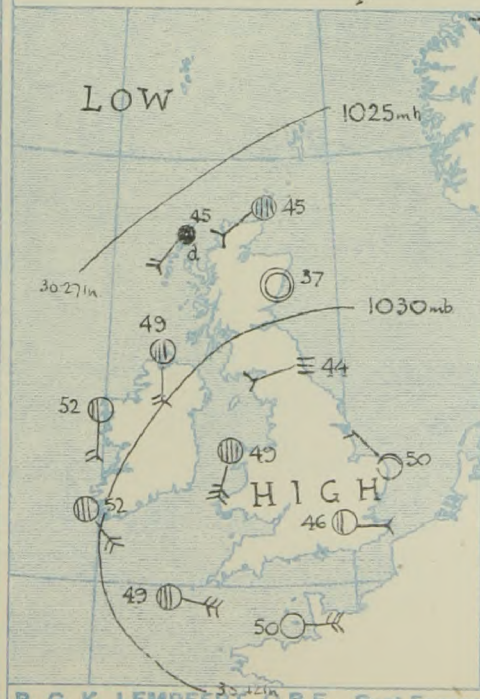
There is a large Area of high pressure over most of the British Isles, the North Sea, Holland and Northern France; this area is centred near London where the pressure exceeds 1035 mb. The depression that was near the North Cape yesterday has moved still further away, but there appears to be a depression over Iceland causing strong SW. winds at Farøe. Another depression is centred near Madeira, and pressure is relatively low over the whole Western Mediterranean.

The Outlook

The barometer is changing little over these Islands and the anticyclone may be expected to maintain its ground, except perhaps in the north-west, which may come under the influence of the depression near Iceland. The area of low pressure near Madeira will probably move eastward towards the Mediterranean.

Wednesday, 13th

NOVEMBER, 1918, at 13h. (1 p.m.) G.M.T.



The anticyclone is maintaining its position.

WEDNESDAY
13th NOVEMBER

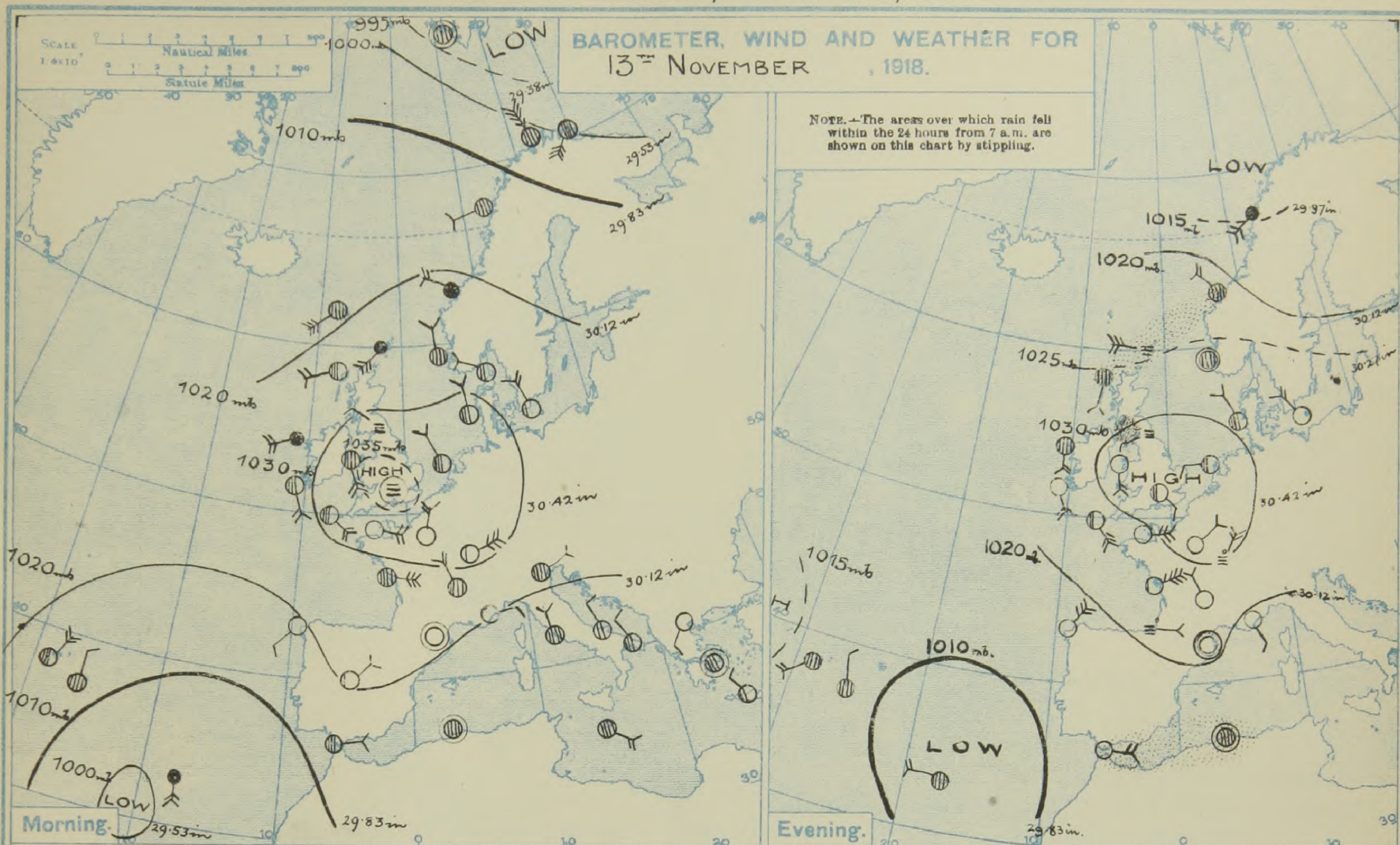
* The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 811

THURSDAY, 14th NOVEMBER, 1918.

BAROMETER, WIND AND WEATHER FOR 13th NOVEMBER, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 13th NOVEMBER.

| STATIONS. | | EVENING OF...12 H.... | | | | | MORNING OF...13 H.... | | | | | | | | | | MORNING OF...13 H.... | | | | | | |
|-----------|---------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------|--------------------------|----------------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|-------|----------------------|---------------------------|--------|----------|----------------|
| | | Barom. Milli- bars at M.S.L. | Temp. | WIND. | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | Barom. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. ° F. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. ° F. | Change in 24 hours. | Dirac. | | Force 0-12. |
| | | ° F. | | | | | + | ° F. | ° F. | | | | | ° F. | ° F. | | | ° F. | ° F. | | | | |
| RUSSIA. | Orlov ... | | | | | | | | | | | | | | | | | | | | | | |
| | Kem ... | | | | | | | | | | | | | | | | | | | | | | |
| | Archangel ... | | | | | | | | | | | | | | | | | | | | | | |
| | Mesen... | | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | | | | | 1013.9 | + | 25 | -8 | W | 2 | b | x | x | x | | | | | | | | |
| | Hernösand ... | | | | | 1020.6 | x | 32 | -4 | - | 0 | b | x | x | x | | | | | | | | |
| | Stockholm ... | | | | | 1021.9 | x | 32 | -9 | WSW | 2 | b | x | x | x | | | | | | | | |
| | Wisby ... | | | | | 1022.3 | x | 41 | 0 | NNW | 4 | b | x | x | x | | | | | | | | |
| | Sordovaia ... | | | | | 1010.1 | x | 36 | -1 | S | 2 | 0 | x | x | x | | | | | | | | |
| | Hangö ... | | | | | 1020.3 | x | 36 | -5 | NNW | 2 | b | x | x | x | | | | | | | | |
| ITALY. | Venice ... | 1021.1 | 52 | - | 0 | b | | | | | | | | | | | | | | | | | |
| | Turin ... | 1021.8 | 50 | - | 0 | bc | | | | | | | | | | | | | | | | | |
| | Pesaro ... | | | | | | | | | | | | | | | | | | | | | | |
| | Leghorn ... | | | | | | | | | | | | | | | | | | | | | | |
| | Rome ... | 1019.1 | 55 | - | 0 | b | | | | | | | | | | | | | | | | | |
| | Viesti ... | 1023.9 | 54 | W | 1 | b | | | | | | | | | | | | | | | | | |
| | Brindisi ... | 1020.3 | 63 | NNW | 1 | b | | | | | | | | | | | | | | | | | |
| | Cagliari ... | 1018.1 | 75 | SE | 3 | b | | | | | | | | | | | | | | | | | |
| | Palermo ... | 1020.5 | 61 | - | 0 | b | | | | | | | | | | | | | | | | | |
| | Tripoli ... | | | | | | | | | | | | | | | | | | | | | | |

| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------|--|--|----------|--------|---------|--|--|--|--|--|--|
| 14th and 15th Nov 1918. | | | Sunrise. | Noon. | Sunset. | | | | | | |
| | | | G.M.T. | G.M.T. | G.M.T. | | | | | | |
| Yarmouth ... | | | 7.14 | 11.38 | 4.2 | | | | | | |
| | | | 7.16 | 11.38 | 4.0 | | | | | | |
| Greenwich ... | | | 7.18 | 11.45 | 4.12 | | | | | | |
| | | | 7.20 | 11.45 | 4.10 | | | | | | |
| Wick ... | | | 8.0 | 11.57 | 3.53 | | | | | | |
| | | | 8.3 | 11.57 | 3.51 | | | | | | |
| Valencia ... | | | 8.1 | 12.26 | 4.51 | | | | | | |
| | | | 8.2 | | | | | | | | |

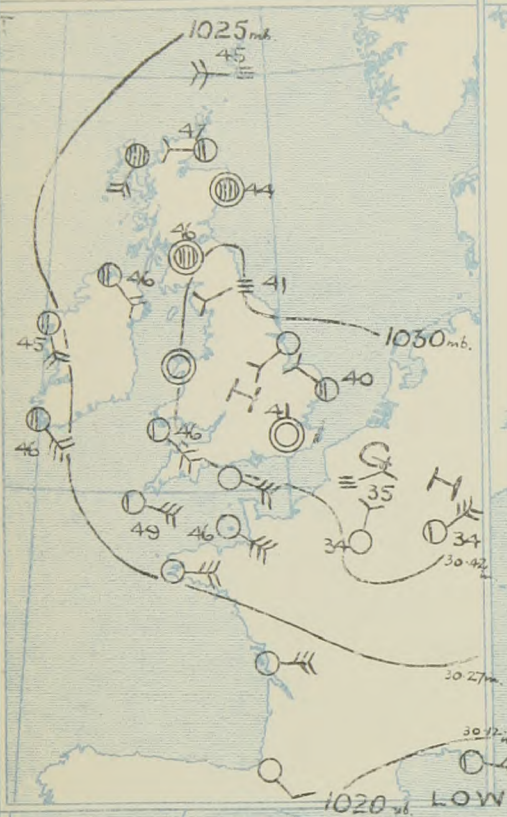
| LONDON | | | | | | | | | | SOUTH KENSINGTON (M.O.) | | | | | | | | | |
|--------------------------------------|------|--------------|-------|--------------|------|---------------|------------|----------|------------|----------------------------------------------------------------------------------------|---------|---------------|-------------|------------|--|--|--|--|--|
| 14 th November 9h. G.M.T. | | | | | | | | | | Vertical Component of Solar Radiation per square Centimetre during 13 th h. | | | | | | | | | |
| Humidity. | | Sunshine for | | TEMPERATURE. | | | WEATHER. | | | Total. | | Average Rate. | | Max. Rate. | | | | | |
| 75 h. | 9 h. | 12 h. | 14 h. | Max. | Min. | Min. on Grass | Rain-fall. | Morning. | Afternoon. | Night. | Joules. | Milliwatts. | Milliwatts. | | | | | | |
| 79 | 90 | 1.7 | 49 | 49 | 30 | 20 | - | cm | cm | b, bar, f | | | | | | | | | |
| CITY (Bunhill Row) .. | | | 0.1 | * | * | * | * | * | * | * | | | | | | | | | |
| WESTMINSTER (St. James's Park) .. | | | 0.7 | 50 | 34 | 28 | - | * | * | * | | | | | | | | | |
| " (Roof near Charing Cross) .. | | | 0.0 | 49 | 38 | * | - | om. f | b cm | bc, bx, bf | | | | | | | | | |
| CAMDEN SQ. (British Rainfall) .. | | | 0.1 | 46 | 30 | 25 | - | 0 | 0 | * | | | | | | | | | |
| KENSINGTON PALACE .. | | | * | 48 | 31 | 19 | - | 0 | af. | * | | | | | | | | | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

* The barometric change is expressed in half-millibars.

14TH NOV, at 1h. G.M.T.

THE MORNING OF THURSDAY, 14TH NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER—Isobars are drawn for intervals of five millibars.

WIND—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers.

TEMPERATURE—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

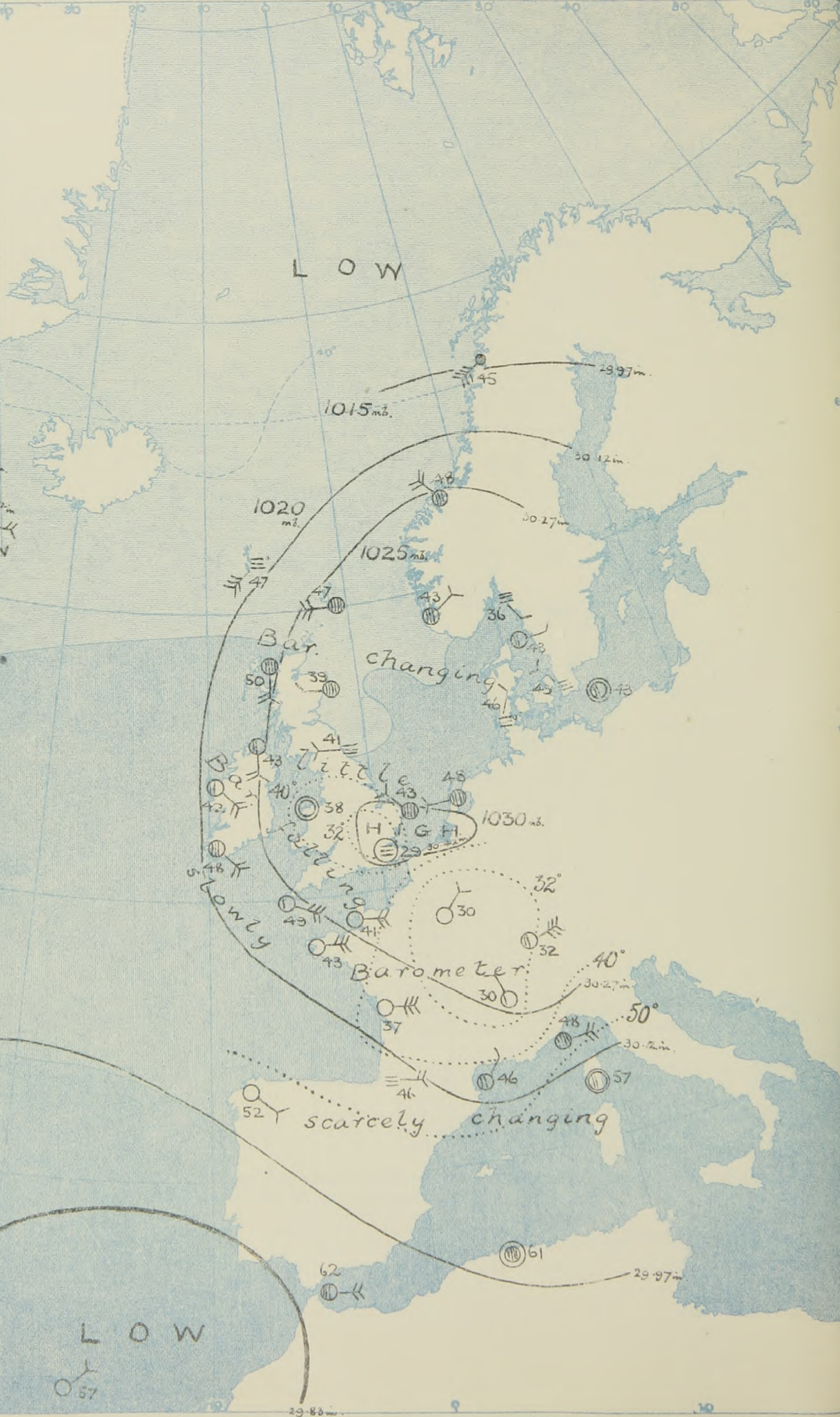
WEATHER—Shown by the following symbols:—

☉ clear sky. ☁ sky & cloudy. ☂ sky & cloudy.

☂ sky & cloudy. ☂ overcast sky. ☂ rain falling.

* crow. ▲ hill. ☼ fog. ☼ mist. T, thunder.

SEA DISTURBANCE—Rough. ⚡ lightning.

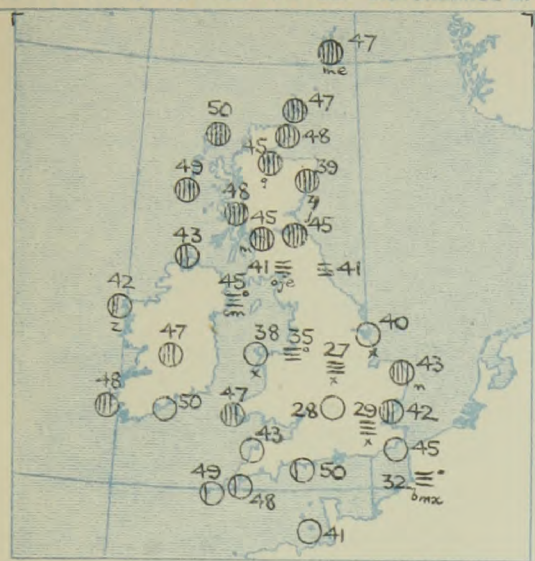


SCALE 1:250,000
Nautical Miles
Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°

Scale of Tints for NOVEMBER.

STRICTLY CONFIDENTIAL.NOTES.Notes on the Weather of the 24 hours ended 7h. Today

During the past 24 hours the weather was dull in the north, and fine in the south, where 8 hours of bright sunshine were recorded at Jersey and Nottingham. Mist and fog occurred throughout the day, but locally in all districts except the south-west; there was very little precipitation anywhere. As a whole the day was cold, maxima exceeding 50° at only a few places in the south; low night minima were recorded in the south-east (South Farnborough 23°).

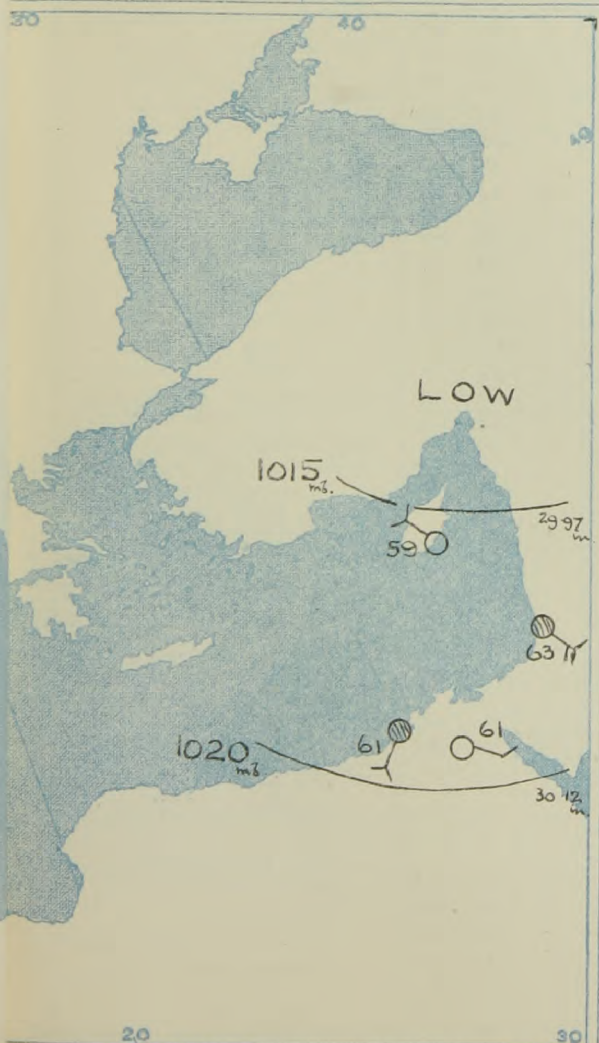
The Conditions at 7h. Today

The anticyclone over the British Islands and the North Sea has maintained its position with very little change since yesterday, but pressure in its centre, which lies over East Anglia, has fallen somewhat. Pressure is relatively low over the Mediterranean, and there is a depression south-east of the Azores, and probably another to the north of Iceland.

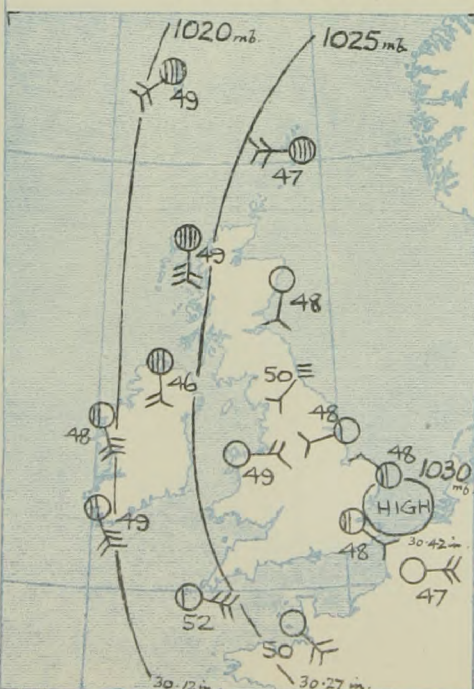
The Outlook

The anticyclone will probably maintain its position with little change for the present, but with slight fluctuations of pressure due to the passage of depressions to the northward and southward, i.e., north of Iceland and across the Azores towards the Mediterranean. The present type of weather conditions over these Islands can therefore be expected to continue.

H.H.

THURSDAY, 14th

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



The anticyclone is still centred over SE. England, but pressure is falling slowly generally.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 318.

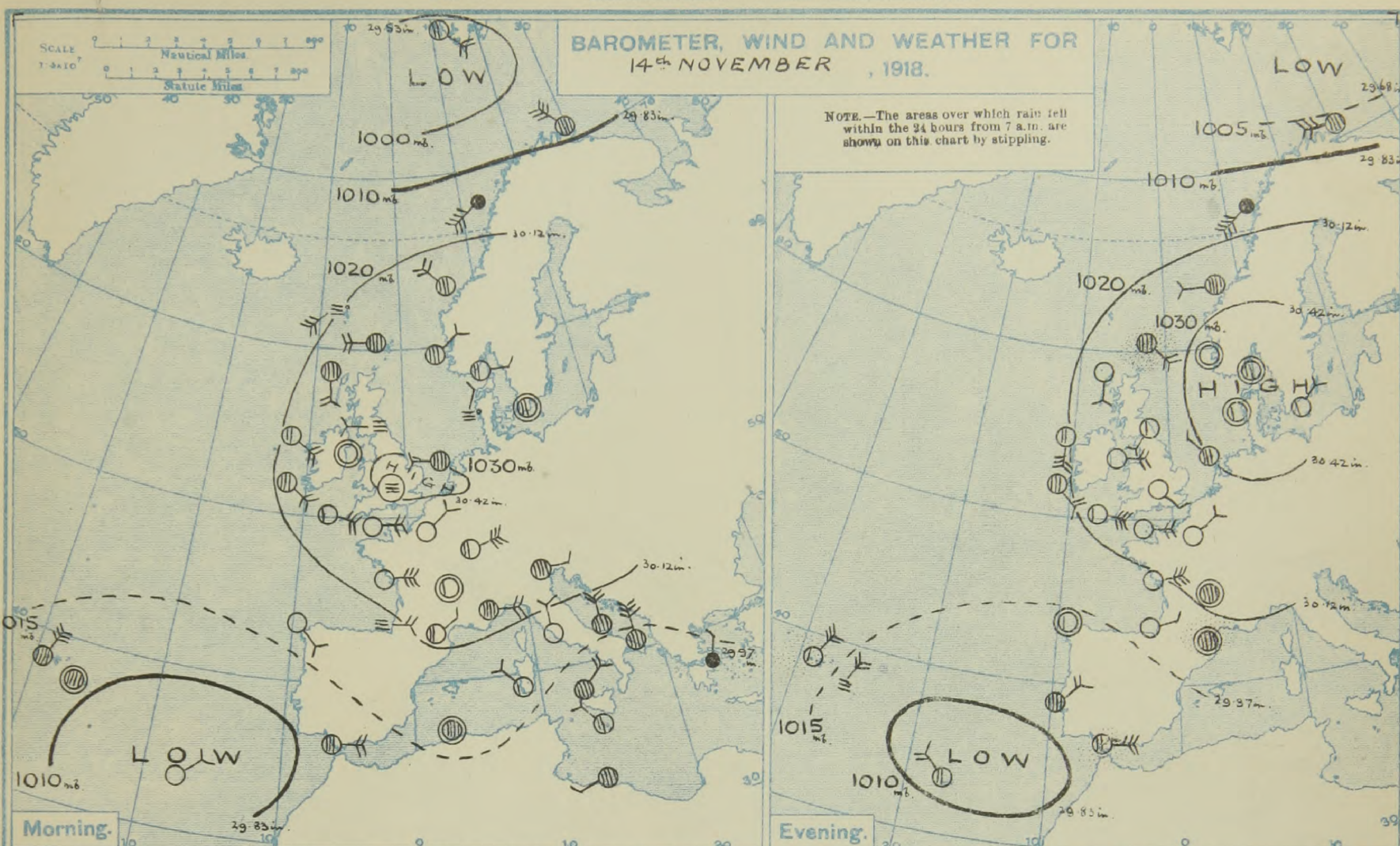
THURSDAY
14th NOVEMBER

| STATIONS | EVENING OF 13th | | | | | MORNING OF 14th | | | | | | | | | | 24 HOURS ENDED 7th 14th | | | | | Sun- shine for 13th | |
|-------------------|---------------------------------------|--------------|--------|----------------|----------|-------------------------------------------|-------------------------|---------------------|--------------------------|-------|----------------|---------------------------------|----------|------------|------------------------------------|-------------------------|------|----------|-----------------------------------------------|-------------------------|------------------------------|--------------------|
| | Barom. Milli- bars at M.S.L. | TEMP. °F. | WIND. | | Weather. | Barometer. Milli- bars at M.S.L. | Change in 8 hours | Dry Bulb. °F. | Change in 24 hours | WIND. | Force 0-12. | Direc. of Upper Cloud. | Weather. | Sea 9-9 | Rain- fall. Milli- metres | TEMP. | | WEATHER. | | | | |
| | | | Direc. | Force 0-12. | | | | | | | | | | | | Max. | Min. | Morning. | Afternoon. | Night. | | |
| BRITISH ISLANDS. | Lerwick | 1024.9 | 46 | W | 5 | fe | 1026.2 | 0 | 47 | +3 | W | 4 | on | ome | 3 | 1 | 47 | 41 | omd | om | feme | * |
| | Deerness (Orkney) | 1026.4 | 46 | SW | 2 | o | 1027.1 | * | 47 | +6 | ESE | 2 | - | o | 2 | - | 47 | 41 | og | o | o | 0.0 |
| | Stornoway | 1026.4 | 50 | SSW | 2 | o | 1024.4 | -1 | 50 | +3 | S | 3 | - | o | 2 | 1 | 50 | 46 | c, o | oap | oap, o | 0.0 |
| | Castlebay (Barra Isd.) | 1027.3 | 50 | WSW | 3 | o | 1024.4 | 0 | 49 | 0 | SE | 4 | - | o | 5 | Trace | 51 | 47 | d | do | o | 0.0 |
| | Glasgow | 1029.7 | 47 | SW | 1 | fa | 1028.3 | -1 | 45 | +9 | SSE | 1 | - | om | 1.0 | 48 | 36 | c, og | gap | fomd | 0.0 | |
| | Eskdalemuir | 1031.6 | 39 | - | 0 | ome | 1029.0 | +2 | 41 | +9 | SSW | 1 | - | ofe | * | 0.3 | 43 | 30 | omx, cm | om, ome | ofe | 0.0 |
| | Malin Head | 1027.5 | 44 | SW | 3 | cmg | 1024.7 | -2 | 43 | -3 | S | 3 | S | bc | 3 | - | 50 | 41 | cmg | cmg | bc | 0.0 |
| | Blacksod Point | 1026.7 | 50 | S | 3 | only | 1021.7 | -4 | 42 | -6 | SE | 4 | - | bcg | 3 | - | 52 | 42 | bcg | bcg | bc, c | * |
| | Valencia (Cahircleeve) | 1026.9 | 47 | SE | 4 | b | 1021.7 | -2 | 45 | -3 | SE | 4 | - | c | 3 | - | 55 | 46 | b, bc, b | b, bc, b | bc, c | 3.8 |
| | Roche's Point | 1024.1 | 49 | E | 4 | o | 1024.6 | -1 | 50 | -1 | ESE | 3 | - | b | 4 | - | 52 | 49 | o, c | c, o | c, o | * |
| | Birt Castle | 1024.6 | 47 | SE | 1 | c | 1024.2 | * | 47 | -1 | SE | 1 | - | c | 0.3 | 52 | 40 | om | c, o | c | 0.0 | |
| | Donaghadee | 1024.2 | 49 | SW | 1 | ogm | 1026.8 | -1 | 45 | -1 | S | 2 | S | cm | 1 | - | 55 | 41 | ogm, cm | cgm, om | ogf, bn | * |
| | Liverpool (Bidston) | 1031.5 | 42 | SE | 1 | b | 1028.4 | -2 | 35 | 0 | SE | 3 | - | m | 2 | - | 45 | 34 | b, om | o, b, m | b, m | 0.9 |
| | Holyhead | 1031.2 | 46 | S | 3 | b | 1027.5 | -1 | 38 | -6 | - | 0 | - | bx | 0 | - | 50 | 36 | o, c, og | o, c, bc, b | bx | 0.0 |
| | Pembroke (St Ann's) | 1030.8 | 46 | ESE | 2 | b | 1026.8 | 0 | 47 | +1 | E | 4 | SE | c | 3 | - | 50 | 43 | b | b | b, bc | 6.2 |
| | Hartland Quay | 1030.3 | 44 | E | 2 | b | 1026.5 | -1 | 43 | +3 | NE | 2 | - | b | 2 | - | 50 | 40 | b, o, bc | c, b | b | * |
| | Scilly (St. Mary's) | 1028.3 | 48 | ESE | 5 | bc | 1024.0 | -1 | 49 | 0 | ESE | 5 | SE | b | 5 | - | 50 | 47 | o, c | bcg | b | 2.6 |
| | Falmouth | 1024.5 | 48 | ESE | 5 | bq | 1025.4 | -1 | 48 | -1 | SE | 4 | - | b | 3 | - | 51 | 47 | o, c | bc, bcg | bcg, b | 3.5 |
| | Jersey (St. Aubin) | 1025.7 | 45 | E | 5 | b | 1026.5 | -1 | 41 | 0 | E | 4 | - | b | 3 | - | 49 | 40 | b | b | b | 3.2 |
| | Portland Bill | 1030.4 | 49 | E | 5 | b | 1027.2 | -1 | 50 | +1 | ESE | 5 | E | b | 4 | - | 51 | 48 | c, bc | bc, b | bc, b | * |
| | Dungeness | 1032.0 | 46 | E | 3 | b | 1029.4 | -2 | 45 | +1 | SSE | 3 | - | b | 3 | - | 50 | 44 | b | bc | b, b | * |
| WICK | Wick | 1026.5 | 45 | SSW | 2 | om | 1026.9 | 0 | 48 | +10 | - | 0 | - | o | 2 | - | 48 | 38 | o, cm | c, om | omge | * |
| | Nairn | 1026.5 | 48 | W | 1 | og | 1026.2 | * | 45 | +9 | - | 0 | - | og | 1 | 0.1 | 48 | 34 | bc, cm | cm, o | og | 0.7 |
| | Aberdeen | 1028.4 | 36 | W | 2 | bcg | 1028.3 | 0 | 39 | +9 | W | 1 | - | og | 2 | - | 41 | 28 | bcg, og | og, bcg | bcg, og | 1.3 |
| | Leith | 1028.8 | 48 | SW | 1 | o | 1027.3 | 0 | 43 | +11 | SW | 1 | - | og | 1 | 0.3 | 49 | 34 | cm, c | f | o, cm, c | * |
| | Tynemouth | 1030.0 | 41 | WSW | 1 | f | 1028.4 | -1 | 41 | +9 | W | 2 | - | f | 2 | - | 44 | 31 | f | fox | f | * |
| | Spurn Head | 1032.0 | 43 | SW | 2 | b | 1029.6 | 0 | 40 | +1 | WSW | 2 | - | bx | 3 | - | 47 | 38 | b | b | b | 6.6 |
| | Yarmouth (Gorleston) | 1032.5 | 41 | - | 0 | bc | 1030.4 | -2 | 43 | +6 | NW | 2 | - | om | 1 | - | 53 | 35 | bc, m, b | bc, m, b | om, bc | 6.2 |
| | Clacton-on-Sea | 1033.5 | 46 | NNW | 2 | ogm | 1030.7 | -2 | 42 | 0 | NNW | 2 | N | c | 2 | - | 48 | 41 | c, o | ogm | ogm, c | 0.0 |
| | Nottingham | 1032.9 | 36 | W | 1 | b | 1030.4 | * | 27 | +1 | SW | 1 | - | f | * | - | 47 | 24 | f, b | bm | bf | 8.4 |
| | Benson (Oxon.) | 1032.8 | 33 | E | 1 | b | 1029.1 | -1 | 28 | +1 | - | 0 | - | b | * | - | 48 | 26 | mb | b | bxm | * |
| Sth Farnborough | Sth Farnborough | 1033.0 | 35 | ESE | 2 | bm | 1030.5 | -2 | 24 | -6 | NE | 2 | - | fx | * | - | 49 | 23 | ox, bm | b, bm | bm, fx | 7.4 |
| | Salisbury Plain | 1033.1 | 39 | E | 1 | b | 1029.9 | -3 | 36 | +1 | E | 2 | - | fx | * | - | 48 | 33 | bc, cm, b | b | b, bc, b | * |
| | London (Kew Obsy.) | 1033.2 | 41 | SE | 1 | bc | 1030.1 | -2 | 29 | -5 | - | 0 | - | fx | * | - | 50 | 27 | of, f, bc | bc, m, b, bc | bc, m, b, bc | 3.2 |
| | Spitsbergen | 1007.5 | 52 | S | 5 | o | 998.7 | -5 | 39 | +5 | S | 8 | - | o | 6 | * | 37 | 32 | THE BEAUFORT SCALE OF WIND FORCE. | | | |
| | Vardø | 1007.5 | 52 | S | 5 | o | 998.7 | -5 | 39 | +5 | S | 8 | - | o | 6 | * | 37 | 32 | Limits of Velocity. | | | |
| | Bodø | 1013.3 | 37 | SW | 4 | T | 1014.4 | 0 | 45 | +7 | SW | 7 | - | T | 5 | ? | 45 | 32 | No. | Statute miles per hour. | | Metres per second. |
| | Gjesvær | 1021.6 | 45 | NW | 3 | o | 1025.5 | +3 | 48 | +5 | NW | 4 | - | c | 4 | 6 | 43 | 36 | | Less than 1 | | |
| | Christiansund | 1027.3 | 45 | SSW | 2 | o | 1028.0 | +1 | 43 | -2 | NE | 2 | - | c | 2 | - | 46 | 41 | 1 | 1-3 | 0.3-1.5 | |
| | Skudesnaes | 1025.5 | 43 | - | 0 | o | 1028.3 | +3 | 36 | -5 | SSE | 1 | - | f | 1 | - | 45 | 36 | 2 | 4-7 | 1.6-3.3 | |
| | Færder (Xtania Fjord) | 1025.3 | 45 | WNW | 1 | b | 1026.4 | +1 | 43 | -2 | E | 1 | - | bc | 1 | - | 48 | 39 | 3 | 8-12 | 3.4-5.4 | |
| The Scau (Skagen) | 1029.9 | 46 | NNW | 2 | c | 1028.4 | 0 | 46 | 0 | NNE | 1 | - | m | * | - | 48 | 45 | 4 | 13-18 | 5.5-7.9 | | |
| Blaavands Huk | 1027.8 | 43 | NNW | 2 | o | 1027.5 | +1 | 43 | +7 | NW | 2 | - | f | * | - | 45 | 36 | 5 | 19-24 | 8.0-10.7 | | |
| Copenhagen | 1027.0 | 41 | NW | 3 | b | 1027.4 | +1 | 43 | +4 | - | 0 | N | bc | - | - | 43 | 39 | 6 | 25-31 | 10.8-13.8 | | |
| FRANCE, &c. | Bornholm | 1027.0 | 43 | NW | 3 | b | 1027.4 | +1 | 43 | +4 | - | 0 | N | bc | - | - | 43 | 39 | 7 | 32-38 | 13.9-17.1 | |
| | The Helder | 1033.0 | 46 | W | 1 | bc | 1024.7 | -1 | 48 | +2 | W | 2 | - | o | - | - | 48 | 46 | 8 | 39-46 | 17.2-20.7 | |
| | C. Gris Nez | 1033.3 | 41 | E | 3 | b | 1024.7 | -1 | 37 | 0 | SE | 2 | * | b | * | - | 48 | 36 | 9 | 47-54 | 20.8-24.4 | |
| | La Hève | 1030.9 | 45 | E | 3 | b | 1027.8 | -1 | 37 | 0 | E | 4 | * | b | * | - | 46 | 36 | 10 | 55-63 | 24.5-28.4 | |
| | Brest (St. Mathieu) | 1027.1 | 43 | ENE | 4 | b | 1023.9 | -1 | 43 | +4 | E | 5 | * | b | * | - | 52 | 39 | 11 | 64-75 | 28.5-33.5 | |
| | Rochefort (Ile d'Aix) | 1023.1 | 46 | ENE | 7 | b | 1021.3 | -1 | 37 | -8 | E | 6 | * | b | * | - | 55 | 36 | 12 | Above 75 | 32.6 or above | |
| | Biarritz | 1020.6 | 52 | E | 2 | m | 1018.3 | -1 | 46 | -2 | E | 3 | * | f | * | - | 54 | 45 | BEAUFORT NOTATION. | | | |
| | Paris | 1030.6 | 39 | NE | 2 | b | 1028.8 | -1 | 30 | -2 | NE | 2 | * | b | * | - | 50 | 30 | b blue sky (not more than a quarter covered). | | | |
| | Belfort | 1028.3 | 37 | NE | 2 | b | 1028.3 | -1 | 32 | 0 | ENE | 6 | * | bc | * | - | 43 | 32 | bc sky partly cloudy (one half covered). | | | |
| | Lyons | 1027.1 | 39 | NW | 2 | b | 1026.3 | 0 | 30 | -9 | NNW | 1 | * | b | * | - | ? | ? | c generally cloudy (three quarters covered). | | | |
| IBERIA, &c. | Nice | 1020.3 | 50 | SE | 1 | b | 1022.0 | +1 | 48 | -2 | E | 4 | * | o | * | - | 61 | 43 | d drizzle, or fine rain. | | | |
| | Perpignan | 1020.6 | 48 | - | 0 | b | 1021.1 | +1 | 46 | -6 | NE | 1 | * | bc | * | - | 55 | 43 | e wet air without rain falling. | | | |
| | Sanguinaire | 1016.6 | 61 | W | 2 | bc | 1017.6 | 0 | 57 | -2 | - | 0 | * | bc | * | - | 68 | 41 | f fog. | | | |
| | Corunna | 1017.0 | 61 | NE | 5 | b | 1017.0 | 0 | 52 | 0 | SE | 2 | - | bc | 2 | - | 64 | 50 | g gloom. | | | |
| | Madrid | 1017.0 | 61 | NE | 5 | b | 1017.0 | 0 | 52 | 0 | SE | 2 | - | bc | 2 | - | 64 | 50 | h hail. | | | |
| | Lisbon | 1017.0 | 61 | NE | 5 | b | 1017.0 | 0 | 52 | 0 | SE | 2 | - | bc | 2 | - | 64 | 50 | i lightning. | | | |
| | Azores (Horta) | 1013.7 | * | SW | 3 | o | 1013.5 | +3 | 57 | -2 | NNE | 6 | * | o | 4 | 12 | 63 | 57 | m mist. | | | |
| | " (P. Delgada) | 1012.7 | * | WSW | 1 | o | 1012.2 | 0 | 50 | -11 | - | 0 | * | o | 2 | - | 66 | 50 | o overcast sky. | | | |
| | Madeira | 1006.0 | 63 | W | 3 | o | 1007.4 | 0 | 57 | -6 | NE | 2 | - | b | 2 | - | 66 | 57 | p passing showers. | | | |
| | Gibraltar | 1014.2 | 62 | E | 3 | bc | 1012.5 | * | 62 | +2 | E | 4 | * | c | 3 | 3 | 63 | 58 | q squalls. | | | |
| MEDITERRANEAN. | Algiers | 1014.9 | 63 | - | 0 | o | 1015.9 | +1 | 61 | - | - | 0 | - | o | 2 | 28 | 66 | 59 | r rain. | | | |
| | Malta | * | * | * | * | | | | | | | | | | | | | | | | | |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,812

FRIDAY, 15th NOVEMBER, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 14th NOVEMBER.

| STATIONS. | | EVENING OF... 13 TH ... | | | | | MORNING OF... 14 TH ... | | | | | | | | | | MORNING OF... 14 TH ... | | | | | | |
|--------------------------------------------------------------------------------------------------|---------------|---------------------------------------|-------|------|----------------|----------|------------------------------------|--------------------------|--------------|---------------------------|-------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|--------------------------------------------------|--------------|---------------------------|----------|----------|----------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Dir. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Dir. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. | Change in 24 hours. | Dir. | | Force 0-12. |
| | | | ° F. | | | | | | ° F. | ° F. | | | | | ° F. | ° F. | | | ° F. | ° F. | | | |
| RUSSIA. | Orlov ... | | | | | | | | | | | | | | | | | | | | | | |
| | Kem ... | | | | | | | | | | | | | | | | | | | | | | |
| | Archangel ... | | | | | | | | | | | | | | * | | | | | | | | |
| | Mesen... .. | | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | 1017.5 | 39 | W | 2 | c | 1022.0 | | 30 | +5 | WSW | 2 | o | | | | | | | | | | |
| | Hernösand ... | 1015.0 | 34 | — | 0 | b | 1022.0 | * | 36 | +4 | — | 0 | o | * | * | * | | | | | | | |
| | Stockholm ... | 1024.8 | 34 | WNW | 2 | c | 1023.5 | * | 37 | +5 | NNW | 2 | b | * | * | * | | | | | | | |
| | Wisby ... | 1025.6 | 39 | N | 4 | b | 1027.7 | * | 36 | -5 | S | 2 | b | * | * | * | | | | | | | |
| | Sordovalä ... | 1017.0 | 34 | SE | 1 | o | 1022.6 | | 30 | -6 | N | 3 | o | * | * | * | | | | | | | |
| | Hangö ... | 1022.9 | 36 | NNW | 2 | b | 1025.3 | | ? | ? | — | 0 | bc | | | | | | | | | | |
| ITALY. | Venice ... | | | | | | 1024.9 | * | 45 | -3 | E | 1 | o | — | 54 | 43 | | | | | | | |
| | Turin ... | | | | | | 1024.9 | * | 45 | -5 | NE | 4 | o | — | 54 | 43 | | | | | | | |
| | Pesaro ... | | | | | | 1023.9 | * | 46 | ? | NE | 5 | c | 4 | 55 | ? | | | | | | | |
| | Leghorn ... | | | | | | 1021.7 | * | 45 | ? | E | 1 | b | — | ? | ? | | | | | | | |
| | Rome ... | | | | | | 1017.9 | * | 46 | -2 | N | 2 | b | — | 61 | 45 | | | | | | | |
| | Viesti ... | | | | | | 1017.0 | * | 50 | -4 | N | 4 | o | 7 | 58 | 43 | | | | | | | |
| | Brindisi ... | | | | | | 1013.9 | * | 54 | -7 | N | 6 | o | — | 67 | 50 | | | | | | | |
| | Cagliari ... | | | | | | 1017.0 | * | 63 | 0 | NW | 2 | b | 10 | 77 | 57 | | | | | | | |
| | Palermo ... | | | | | | 1013.4 | * | 57 | ? | NE | 3 | o | ? | ? | 50 | | | | | | | |
| | Tripoli ... | | | | | | 1013.9 | * | 63 | ? | WSW | 1 | o | 3 | 99 | 61 | | | | | | | |
| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | | | | | | | | | | | | 15 TH AND 16 TH NOV, 1918, | | | Sunrise. | Noon | Sunset. |
| | | | | | | | | | | | | | | | | | | | | | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | | | | | | | | | | | | | | | | | | { | | | 7 16 | 11 38 | 4 0 |
| Greenwich ... | | | | | | | | | | | | | | | | | | { | | | 7 17 | 11 38 | 3 59 |
| Wick ... | | | | | | | | | | | | | | | | | | { | | | 7 20 | 11 45 | 4 10 |
| Valencia ... | | | | | | | | | | | | | | | | | | { | | | 7 21 | 11 45 | 4 9 |
| | | | | | | | | | | | | | | | | | | { | | | 8 3 | 11 57 | 3 51 |
| | | | | | | | | | | | | | | | | | | { | | | 8 5 | 11 57 | 3 48 |
| | | | | | | | | | | | | | | | | | | { | | | 8 3 | 12 26 | 4 49 |

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

| 15 th AND 16 th NOV. 1918. | | Sunrise. | Noon. | Sunset. |
|--------------------------------------------------|--|----------|--------|---------|
| | | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | | 7.16 | 11.38 | 4.0 |
| Greenwich ... | | 7.17 | 11.38 | 3.59 |
| Wick ... | | 7.20 | 11.45 | 4.10 |
| Valencia ... | | 7.21 | 11.45 | 4.9 |
| | | 8.3 | 11.57 | 3.51 |
| | | 8.5 | 11.57 | 3.49 |
| | | 8.3 | 12.26 | 4.49 |
| | | 8.4 | 12.26 | 4.48 |

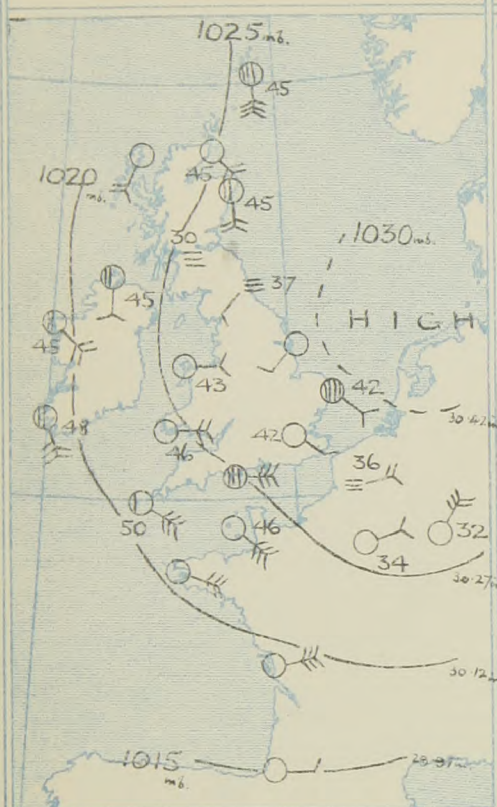
| LONDON | | HUMIDITY. | | Sun-shine for 15 th | TEMPERATURE. | | | | WEATHER. | | |
|---------------------------------------|--|------------------|------------------|--------------------------------|--------------------------------------|------|----------------|------------|----------|------------|--------|
| | | 15 h. | 9 h. | | 24 HOURS ENDED 9 h. 15 th | | | Rain-fall. | Morning. | Afternoon. | Night. |
| | | 14 th | 15 th | | Max. | Min. | Min. on Grass. | | | | |
| 15 th NOVEMBER 9 h. G.M.T. | | % | % | Hours. | °F. | °F. | °F. | mm. | | | |
| GREENWICH (Royal Observatory) ... | | 75 | 86 | 4.2 | 50 | 33 | 23 | — | f.b.c. | bc.c | mwx |
| CITY (Bunhill Row) ... | | % | % | 1.2 | * | * | * | * | * | * | * |
| WESTMINSTER (St. James's Park) ... | | 77 | 84 | 0.8 | 48 | 38 | 30 | — | * | * | * |
| " (Roof near Charing Cross) ... | | 76 | 85 | 1.0 | 48 | 40 | * | — | bf.bcm | bcm.b | bm.x |
| CAMDEN SQ. (British Rainfall) ... | | 77 | 100 | 0.0 | 46 | 41 | 26 | — | o | o | * |
| KENSINGTON PALACE ... | | 75 | 88 | * | 49 | 34 | 31 | — | c | c | * |

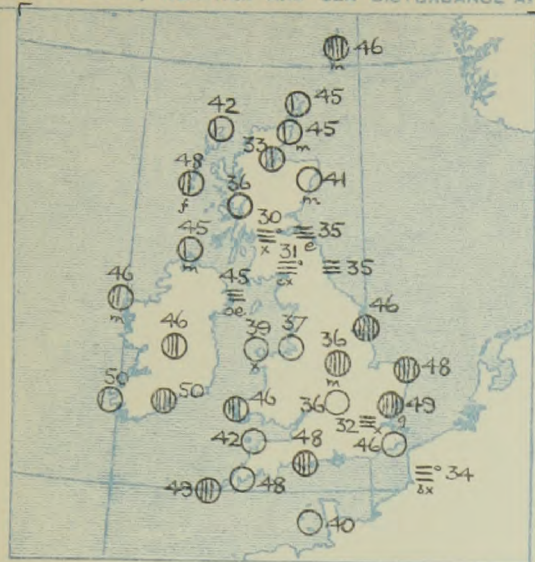
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|-------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 14 th | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 221 | 6.9 | 22 |

15th NOV, at 1h. G.M.T.

THE MORNING OF FRIDAY, 15th NOVEMBER 1918, at 7h. G.M.T.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Weather over these Islands was mostly fair, except that Scotland was largely overcast in the morning. Mist or fog was widespread in the morning and the night, but a few hours of bright sunshine were recorded in most places, as much as 8½ hours in Jersey. The amount of precipitation was practically nil, and due entirely to mist or fog. During the day the maximum temperature was about 50° very generally; the night, however, though mostly warm in Scotland and Ireland, was cold in SE. England, a shade minimum of 25° being reported from Nottingham, and 23° from South Farnborough.

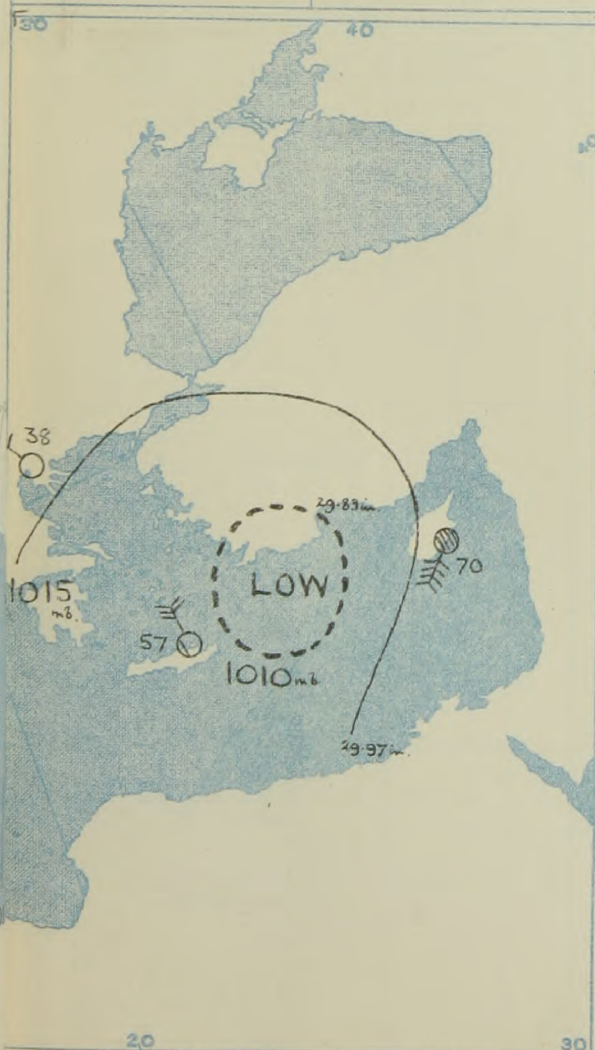
The Conditions at 7h. Today

The anticyclone which was centred over the Southern North Sea yesterday has moved eastwards somewhat and is now centred over Denmark, but the British Islands are still under its influence. The high pressure now extends over the whole of the Baltic countries and central Europe, but the Mediterranean is occupied by two depressions centred respectively over Spain and near Crete, the latter has caused a SW. gale at Limassol.

The Outlook

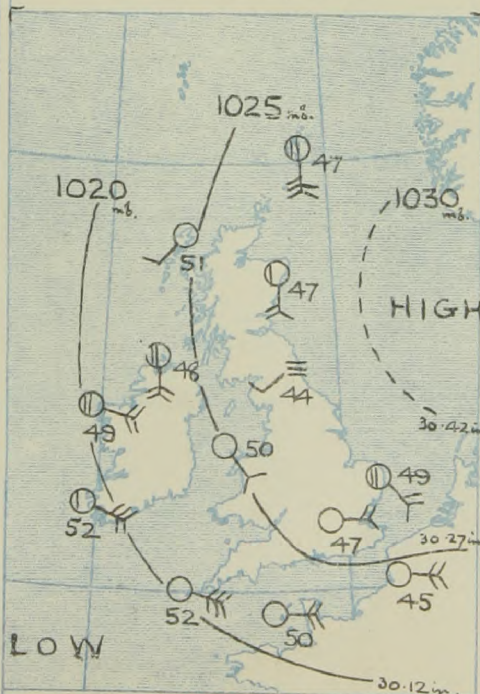
The barometer is changing little over these Islands and Southern Scandinavia, but there is a tendency for a fall in the south of England and in France, which will cause moderate to strong E. winds in the English Channel.

W.S.



FRIDAY, 15th

NOVEMBER, 1918 at 13h. (1 p.m.) G.M.T.



The barometric changes are slight generally but the fall in the south continues, and the wind has become strong in the Western Channel.

FRIDAY
15TH NOVEMBER

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

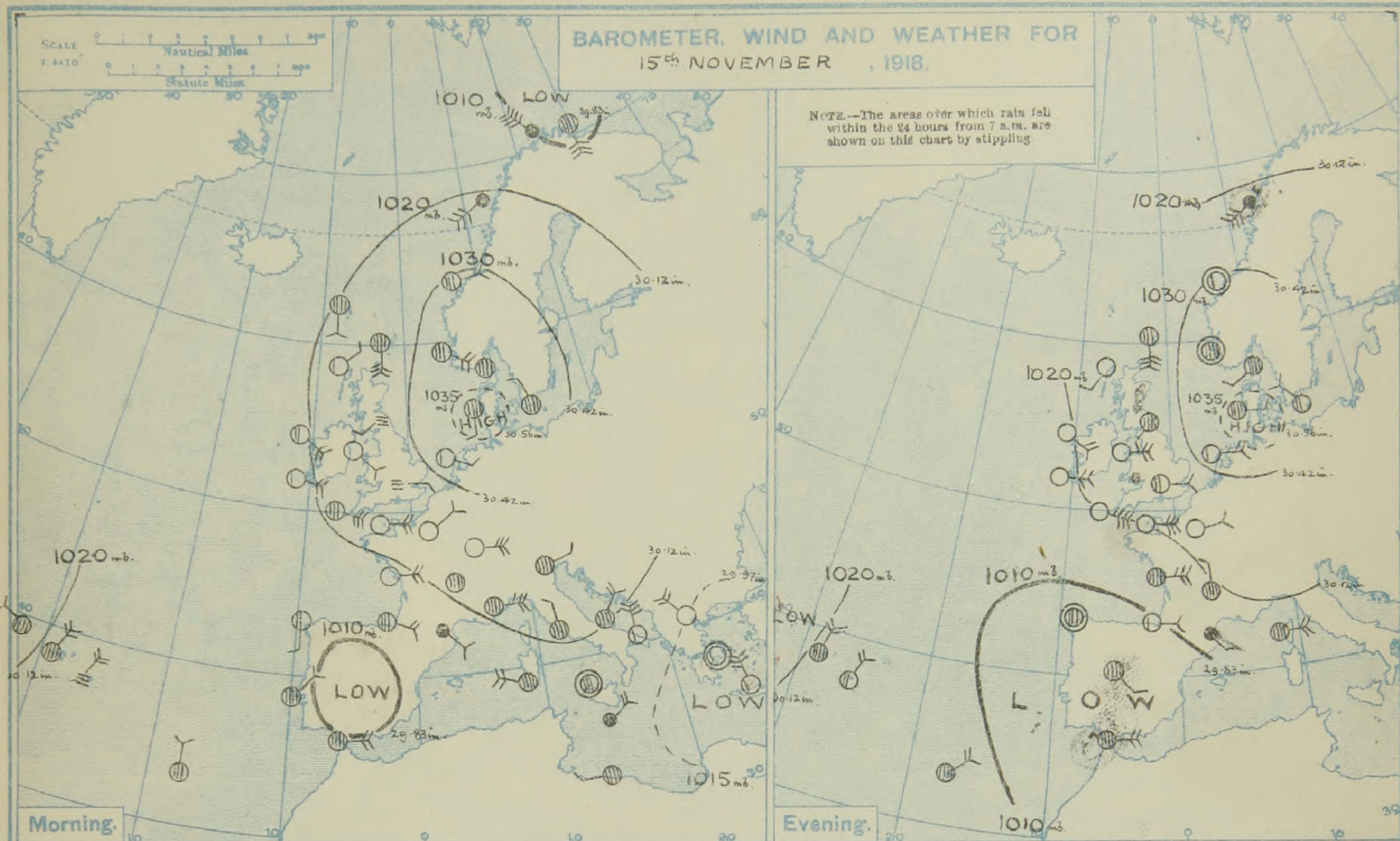
METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,813

SATURDAY, 16th NOVEMBER, 1918.

BAROMETER, WIND AND WEATHER FOR 15th NOVEMBER, 1918.

NOTE.—The areas over which rain fell within the 24 hours from 7 a.m. are shown on this chart by stippling.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 15th NOVEMBER.

| STATIONS. | | EVENING OF.....14 TH | | | | | MORNING OF.....15 TH | | | | | | | | | | MORNING OF.....15 TH | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------|---------------------------------------|-------|--------|----------------|----------|---------------------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|------------------|------------------|---------------------------|--------|----------|----------------|---------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather | | |
| | | | | Direc. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Direc. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. | Change in 24 hours. | Direc. | | Force 0-12. | |
| | | | ° F. | | | | | | ° F. | ° F. | | | | | ° F. | ° F. | | | ° F. | ° F. | | | | |
| RUSSIA. | Orlov ... | | | | | | | | | | | | | | | | | | | | | | | |
| | Kem ... | | | | | | | | | | | | | | | | | | | | | | | |
| | Archangel ... | | | | | | | | | | | | | | * | | | | | | | | | |
| | Mesen... .. | | | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | | | | | | | | | | | | | | | | | | | | | | | |
| | Hernösand ... | | | | | | | * | | | | | | x | * | * | | | | | | | | |
| | Stockholm ... | | | | | | | * | | | | | | | x | * | * | | | | | | | |
| | Wisby ... | | | | | | | * | | | | | | | x | * | * | | | | | | | |
| | Sordovala ... | | | | | | | * | | | | | | | x | * | * | | | | | | | |
| | Hangö ... | | | | | | | | | | | | | | | | | | | | | | | |
| ITALY. | Venice ... | | | | | 10237 | x | 39 | -6 | ENE | 1 | 0 | - | 46 | 37 | | | | | | | | | |
| | Turin ... | | | | | 10235 | x | 41 | -4 | - | 0 | 0 | - | 46 | 41 | | | | | | | | | |
| | Pesaro ... | | | | | 10237 | x | 45 | -1 | NE | 5 | c | - | 50 | 43 | | | | | | | | | |
| | Leghorn ... | | | | | 10214 | * | 43 | -2 | - | 0 | b | - | 52 | 43 | | | | | | | | | |
| | Rome ... | | | | | 10202 | x | 43 | -3 | N | 1 | 0 | - | 55 | 43 | | | | | | | | | |
| | Viesti ... | | | | | 10201 | x | 50 | 0 | NE | 3 | 0 | - | 52 | 39 | | | | | | | | | |
| | Brindisi ... | | | | | 10175 | x | 54 | 0 | N | 5 | b | - | 54 | 50 | | | | | | | | | |
| | Cagliari ... | | | | | 10159 | x | 59 | -4 | WNW | 4 | 0 | - | 77 | 55 | | | | | | | | | |
| | Palermo ... | | | | | 10173 | x | 54 | -3 | - | 0 | c | - | 54 | 45 | | | | | | | | | |
| | Tripoli ... | | | | | 10173 | x | 59 | -4 | - | 0 | 0 | 4 | ? | 57 | | | | | | | | | |
| | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | | | | | | | | | | | 16 TH | 17 TH | Nov. | 1918. | Sunrise. | Noon. | Sunset. |
| | | | | | | | | | | | | | | | | | | | | | | G.M.T. | G.M.T. | G.M.T. |
| | | | | | | | | | | | | | | | | | | Yarmouth ... | | | | 717 | 11-38 | 359 |
| | | | | | | | | | | | | | | | | | | | | | 719 | 11-38 | 357 | |
| | | | | | | | | | | | | | | | | | Greenwich ... | | | | 721 | 1145 | 49 | |
| | | | | | | | | | | | | | | | | | | | | | 723 | 1145 | 47 | |
| | | | | | | | | | | | | | | | | | Wick ... | | | | 8-5 | 1157 | 349 | |
| | | | | | | | | | | | | | | | | | | | | | 8-7 | 1157 | 347 | |
| | | | | | | | | | | | | | | | | | Valencia ... | | | | 8-4 | 1226 | 448 | |
| | | | | | | | | | | | | | | | | | | | | | 8-6 | 1226 | 446 | |

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

| 16 th 17 th Nov 1918. | Sunrise. | Noon. | Sunset. |
|---------------------------------------------|----------|--------|---------|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7:17 | 11:38 | 3:59 |
| Greenwich ... | 7:19 | 11:38 | 3:57 |
| Wick ... | 7:21 | 11:45 | 4:9 |
| Valencia ... | 7:23 | 11:45 | 4:7 |
| | 8:5 | 11:57 | 3:49 |
| | 8:7 | 11:57 | 3:47 |
| | 8:4 | 12:26 | 4:48 |
| | 8:6 | 12:26 | 4:46 |

| LONDON | | | | HUMIDITY. | | | | TEMPERATURE. | | | | WEATHER. | | | |
|-----------------------------------|--|--|--|-----------|-----|------|-----|--------------|------|----------------|------------|----------|------------|--------|--|
| 16 th Nov. 9h. G.M.T. | | | | 15h. | 9h. | 15h. | 9h. | Max. | Min. | Min. on Grass. | Rain-fall. | Morning. | Afternoon. | Night. | |
| GREENWICH (Royal Observatory) | | | | 74 | 84 | 6.9 | 4.9 | 49 | 33 | 25 | - | b | b.c | c | |
| CITY (Bunhill Row) .. | | | | x | x | 4.3 | x | x | x | x | x | x | x | x | |
| WESTMINSTER (St. James's Park) .. | | | | 75 | 86 | 2.4 | 50 | 37 | 31 | - | - | x | x | x | |
| (Roof near Charing Cross) | | | | | | | | | | | | | | | |
| CAM. S. 1. (British Rainfall) .. | | | | 78 | 88 | 2.5 | 49 | 32 | 25 | - | - | o.c | b.c | x | |
| KENS. ON PALACE .. | | | | 75 | 81 | x | 49 | 36 | 25 | - | - | bcm | b | x | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

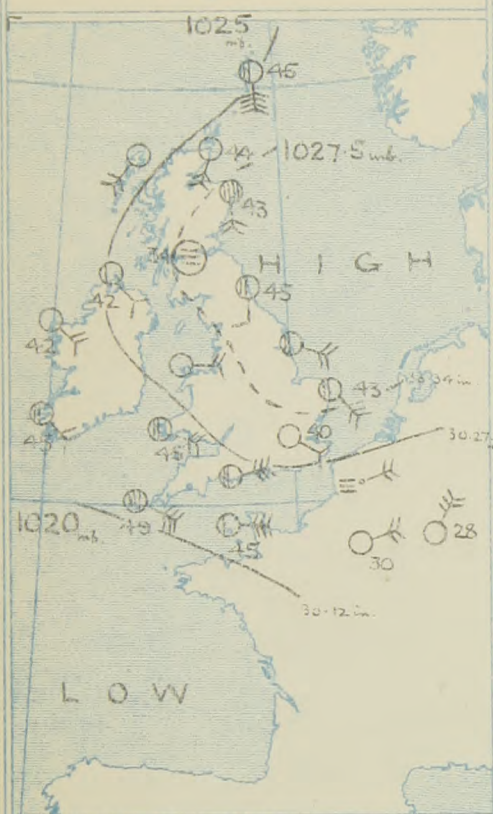
Vertical Component of Solar Radiation per square Centimetre during 15th

| Total. | Average Rate. | Max. Rate. |
|---------|---------------|-------------|
| Joules. | Milliwatts. | Milliwatts. |
| 305 | 9.6 | 22 |

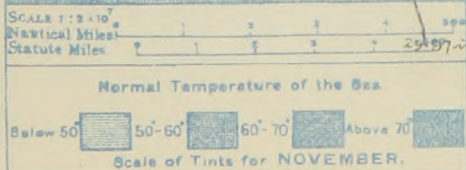
The barometric change is expressed in half millibars.

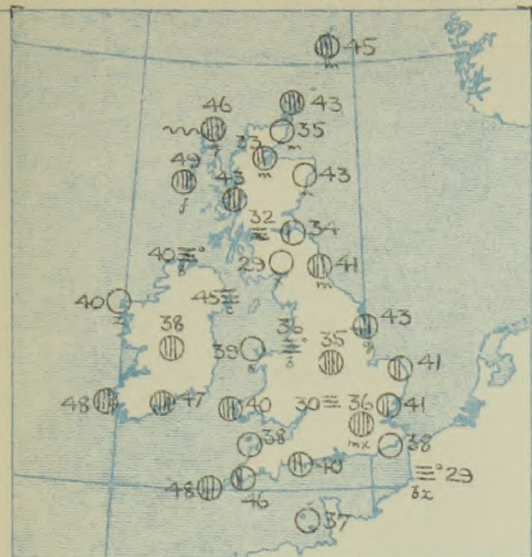
16th, NOV, at 1h. G.M.T.

THE MORNING OF SATURDAY, 16th NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of five millibars.
WIND.—Direction is shown by arrows flying with the wind.
 Force, on the scale 0-13, is indicated by the number of feathers.
TEMPERATURE.—Given in degrees Fahrenheit.
 Isotherms shown by dotted lines.
WEATHER.—Shown by the following symbols:—
 ☉ clear sky. ☁ sky & clouded. ☁ sky & clouded.
 ☁ sky & clouded. ☁ overcast sky. ☁ rain falling.
 ☁ snow. ☁ hail. ☁ fog. ☁ mist. ☁ thunder.
SEA DISTURBANCE.—Rough. High.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

During the past 24 hours the weather was fair generally over almost the whole country, but there was a considerable development of mist and fog, especially in Scotland and north-east England. There was no rain, but slight amounts of precipitation were due to mist or fog. Fair amounts of bright sunshine were recorded at many stations, between 6 and 7 hours in the south of England. Temperatures were somewhat higher, maxima exceeding 50° occurring in many parts of the country, while there were no minima below 28° (Benson and South Farnborough). In the Western Channel the E. wind became strong or high during the course of the day.

The Present Conditions

The anticyclone has maintained its position over the British Isles and Southern Scandinavia with very little change, though pressure has fallen somewhat in the centre. A depression appears to be approaching the Farøe, and has caused fresh or strong winds from S. in the Hebrides and Shetlands.

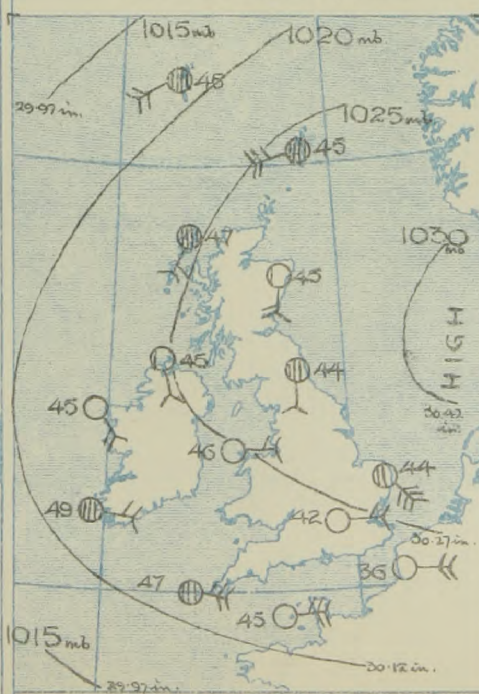
The Outlook

The barometric changes are slight and indefinite over the whole of these Islands, and the anticyclone will probably maintain its position with little change for the present, though the depression near the Farøe may influence the weather in the north of Scotland.

H.H.

SATURDAY, 16th

NOVEMBER, 1918, at 13h. (1 p.m.) G.M.T.



The barometer is falling slowly generally, but there is a very little change in the distribution of pressure.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn.

H.G. LYONS, Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 320

Saturday
16th November

| STATIONS. | EVENING OF 15 TH | | | | | MORNING OF 16 TH | | | | | | | | | | 24 HOURS ENDED 7 A.M. 16 TH | | | | | | | Sun- shine for 15 TH Hours. |
|------------------|---------------------------------------|--------|--------|---------------|----------|-------------------------------------------|--------------------------|--------------|---------------------------|-------|---------------------------------|----------|-------------|-------------------------------------|-------|----------------------------------------|----------|-----------|---------|---------|---------|-----|----------------------------------------------------|
| | Barom. Milli- bars at M.S.L. | Temp. | WIND. | | Weather. | Barometer. Milli- bars at M.S.L. | Change in 3 hours. | TEMP. | | WIND. | Direc. of Upper Cloud. | Weather. | Sea 9-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | | | |
| | | | Direc. | Force 0-12 | | | | Dry Bulb. | Change in 24 hours. | | | | | | Max. | Min. | Morning | Afternoon | Night | | | | |
| BRITISH ISLANDS. | Lerwick | 1026.7 | 46 | S | 6 | cm | 1024.3 | -1 | 45 | -1 | SSW | 6 | SW | cm | 4 | - | 47 | 42 | bcm | bm | cm | * | |
| | Deerness (Orkney) | 1025.4 | 46 | SSE | 4 | b | 1025.4 | * | 43 | -2 | SW | 3 | - | o | 4 | - | 49 | 42 | b | b | b.b.c.d | 5.2 | |
| | Stornoway | 1024.2 | 45 | SW | 1 | b | 1024.4 | 0 | 46 | +4 | S | 6 | - | og | 5 | - | 51 | 44 | b | b | bog | 5.6 | |
| | Castletown (Barra Isd.) | 1024.8 | 48 | SE | 5 | o | 1024.9 | 0 | 49 | +1 | SSW | 5 | - | og | 5 | - | 50 | 47 | b.c.f.c | c.f.o | omog | 0.3 | |
| | Glasgow | 1020.2 | 32 | ENE | 2 | fe | 1028.7 | -1 | 32 | +2 | - | 0 | - | f | * | 0.1 | 39 | 27 | f.b.m | b.m.f.e | f.e.b.m | 3.8 | |
| | Eskdalemuir | 1029.1 | 40 | - | 0 | og | 1029.4 | 0 | 29 | -2 | N | 1 | - | bx | * | 0.1 | 43 | 27 | ma.b.m | by.c.o | o.b.m | 3.4 | |
| | Malin Head | 1023.9 | 44 | SSE | 4 | bm | 1024.0 | 0 | 40 | -5 | S | 2 | - | bm | 2 | - | 49 | 39 | bcm | bcm | bm | 4.5 | |
| | Blackod Point | 1019.7 | 46 | SE | 3 | bz | 1023.2 | 0 | 40 | -6 | SE | 2 | - | bz | 3 | - | 49 | 39 | bz | bz | bz | * | |
| | Valencia (Cahirciveen) | 1019.1 | 49 | E | 4 | b | 1021.9 | +1 | 48 | -2 | E | 2 | - | o | 0 | - | 52 | 44 | b.b.c.b | b | b.b.c.d | 5.4 | |
| | Roche's Point | 1021.3 | 50 | ESE | 5 | o | 1022.7 | 0 | 47 | -3 | ESE | 3 | E | o | 4 | - | 52 | 47 | o.c | c.o | c.b.c.o | * | |
| | Birr Castle | 1022.4 | 47 | SE | 1 | c | 1024.2 | * | 38 | -8 | E | 1 | - | c | * | - | 51 | 36 | c | c | c | 2.4 | |
| | Donaghadee | 1023.1 | 46 | SSE | 4 | cm | 1025.4 | 0 | 45 | 0 | SSE | 4 | S | c.f | 3 | - | 49 | 43 | c.f.e | bcm | off.c.f | * | |
| | Liverpool (Bidston) | 1026.6 | 42 | ESE | 2 | m | 1026.9 | -1 | 36 | -1 | ESE | 3 | - | bm | 2 | - | 46 | 36 | b | om | bm | 4.5 | |
| | Holyhead | 1024.9 | 45 | E | 4 | bz | 1024.8 | +1 | 39 | 0 | SE | 3 | - | bx | 2 | TRACE | 53 | 37 | bz | bz | bx | 7.2 | |
| | Pembroke (St. Ann's) | 1023.1 | 45 | E | 3 | b | 1023.7 | 0 | 40 | -6 | E | 3 | - | c | 3 | - | 48 | 40 | c.b.c | b.c.b | b.b.c.e | 6.0 | |
| | Hartland Quay | 1022.3 | 45 | E | 4 | b | 1023.2 | 0 | 38 | -4 | SE | 3 | - | b | 3 | - | 52 | 38 | b | b | b | * | |
| | Scilly (St. Mary's) | 1018.5 | 50 | ESE | 7 | b | 1020.2 | 0 | 48 | -1 | ESE | 5 | SE | c | 6 | - | 52 | 47 | b.c.b | b | c | 6.0 | |
| | Falmouth | 1020.0 | 49 | E | 6 | bq | 1020.7 | 0 | 46 | -2 | E | 5 | - | b.cq | * | - | 52 | 45 | bq | bq | b.cq | 7.4 | |
| | Jersey (St. Aubin) | 1020.0 | 47 | E | 6 | b | 1020.3 | 0 | 37 | -3 | E | 4 | - | b | 4 | - | 49 | 36 | b | b | bwx | 7.9 | |
| | Portland Bill | 1022.0 | 50 | ENE | 6 | b.c | 1022.0 | 0 | 40 | -8 | ENE | 5 | E | b.c | 4 | - | 52 | 40 | b.f | b.c | b.c | * | |
| | Dungeness | 1024.1 | 46 | ESE | 4 | b | 1024.5 | -1 | 38 | -8 | E | 4 | - | b | 4 | - | 49 | 37 | b | b | b | * | |
| NORTH EUROPE. | Wick | 1025.3 | 46 | SSW | 4 | bm | 1025.8 | 0 | 35 | -10 | W | 2 | - | bm | 3 | - | 49 | 35 | bm | bm | bm | * | |
| | Nairn | 1025.3 | 35 | - | 0 | bm | 1025.7 | * | 33 | 0 | - | 0 | - | bm | 0 | 0.2 | 41 | 30 | bm | bm | bm | 6.7 | |
| | Aberdeen | 1029.1 | 41 | S | 3 | b | 1028.2 | -1 | 43 | +2 | SSW | 2 | - | bm | 2 | - | 49 | 40 | b.m.b.m | b.m.b.m | b.m.b.m | 1.4 | |
| | Leith | 1028.4 | 39 | ESE | 1 | c | 1027.9 | 0 | 34 | -1 | SW | 1 | - | bz | 1 | 0.1 | 42 | 33 | f | f.e.c | c.f.e.m | * | |
| | Tynemouth | 1029.0 | 47 | SW | 1 | om | 1029.0 | 0 | 41 | +6 | S | 2 | - | cm | 2 | - | 47 | 34 | f | om | bm | * | |
| | Spurn Head | 1028.6 | 47 | SSE | 4 | cm | 1028.1 | 0 | 43 | -3 | ESE | 4 | - | cq | 4 | - | 48 | 40 | om | m.cm | bm | 0.0 | |
| | Yarmouth (Gorleston) | 1027.1 | 46 | SE | 5 | b | 1027.0 | -1 | 41 | -7 | SE | 5 | - | b.c | 5 | - | 49 | 40 | o.b.c | b.c.b | b.b.c | 6.0 | |
| | Clacton-on-Sea | 1026.6 | 47 | ENE | 4 | b | 1026.7 | 0 | 41 | -8 | E | 4 | E | b.c | 3 | - | 50 | 40 | og.b.c | b.c.b | b.b.c | 7.3 | |
| | Nottingham | 1028.2 | 39 | E | 2 | b | 1027.9 | * | 35 | -1 | E | 2 | E | o | * | 0.2 | 45 | 31 | om | o.om | b | 0.3 | |
| | Benson (Oxon.) | 1026.9 | 39 | E | 1 | b | 1026.7 | 0 | 30 | -6 | NE | 2 | - | f | * | - | 47 | 28 | bz | b | b.x.f | * | |
| FRANCE, &c. | St. Farnborough | 1025.9 | 39 | NE | 2 | b | 1026.2 | 0 | 30 | -3 | ENE | 2 | - | om | * | - | 48 | 28 | bxm | bm | b.om | 7.3 | |
| | Salisbury Plain | 1025.4 | 41 | E | 3 | b | 1025.8 | 0 | 32 | -5 | E | 2 | - | b | * | - | 47 | 32 | b.b.c.b | b | b.m.x | - | |
| | London (Kew Obsy.) | 1025.8 | 44 | E | 2 | m | 1026.0 | 0 | 36 | -4 | E | 2 | - | om | * | 0.1 | 47 | 31 | f.x.b.m | bm | b.m.x | 4.4 | |
| | Spitsbergen | | | | | | | | | | | | | * | | | | | | | | | |
| | Vardö | | | | | | | | | | | | | * | | | | | | | | | |
| | Gjesvær | | | | | | | | | | | | | * | | | | | | | | | |
| | Bodö | 1022.6 | 48 | SW | 6 | r | 1019.5 | -1 | 46 | +9 | SW | 6 | - | o | 5 | - | 48 | 45 | | | | | |
| | Christiansund | 1030.3 | 46 | - | 0 | b | 1027.4 | -2 | 43 | +4 | - | 0 | - | c | 3 | - | 48 | 41 | | | | | |
| | Skudesnaes | 1038.1 | 46 | - | 0 | o | 1031.7 | -1 | 45 | -1 | E | 3 | - | o | 1 | - | 46 | 41 | | | | | |
| | Færder (Xtania Fjord) | 1033.1 | 39 | N | 1 | m | 1030.6 | -2 | 46 | 0 | NW | 1 | - | f | 1 | - | 41 | 36 | | | | | |
| IBERIA, &c. | The Scaw (Skagen) | 1033.5 | 41 | SW | 1 | o | 1031.8 | -1 | 41 | 0 | SW | 2 | - | m | 2 | - | 43 | 39 | | | | | |
| | Blaavands Huk | 1035.7 | 41 | E | 1 | o | 1034.3 | 0 | 36 | -5 | ENE | 1 | - | o | * | - | 43 | 34 | | | | | |
| | Copenhagen | 1035.0 | 41 | N | 1 | c | 1033.6 | 0 | 41 | 0 | N | 2 | - | m | * | - | 43 | 39 | | | | | |
| | Bornholm | 1033.9 | 41 | NW | 2 | c | 1032.7 | -1 | 37 | -2 | N | 2 | - | o | 0 | - | 41 | 36 | | | | | |
| | The Helder | 1031.4 | 37 | E | 3 | b | 1030.9 | 0 | 34 | -9 | E | 3 | - | b | 2 | - | 45 | 34 | | | | | |
| | C. Gris Nez | 1025.2 | 39 | ENE | 2 | b | 1024.3 | +3 | 41 | -5 | E | 4 | * | b | * | - | 46 | 28 | | | | | |
| | La Hève | 1022.6 | 39 | E | 3 | b | 1022.6 | 0 | 30 | -7 | E | 4 | * | b | * | - | 54 | 30 | | | | | |
| | Brest (St. Mathieu) | 1017.2 | 46 | ENE | 5 | b | 1018.0 | 0 | 36 | -9 | ENE | 3 | * | b | * | - | 54 | 34 | | | | | |
| | Roche fort (Ile d'Aix) | 1014.0 | 46 | E | 5 | o | 1012.7 | 0 | 36 | ? | ENE | 5 | * | b | * | - | 54 | 34 | | | | | |
| | Biarritz | 1009.7 | 55 | E | 2 | b | 1009.2 | -1 | 46 | +3 | E | 3 | - | b.c | * | - | 61 | 45 | | | | | |
| MEDITERRANEAN. | Paris | 1022.7 | 37 | ENE | 2 | b | 1022.4 | 0 | 27 | -3 | NE | 2 | * | b | * | - | 50 | 27 | | | | | |
| | Belfort | 1022.4 | 43 | E | 4 | b | 1023.9 | * | 27 | -5 | ENE | 6 | * | b | * | - | 39 | 25 | | | | | |
| | Lyons | 1019.5 | 37 | - | 0 | o | 1019.0 | 0 | 34 | -2 | N | 1 | * | o | * | - | 41 | 34 | | | | | |
| | Nice | | | | | | 1018.3 | -1 | 41 | -4 | E | 5 | * | b | * | - | 48 | 37 | | | | | |
| | Perpignan | 1014.7 | 52 | SE | 1 | r | 1014.1 | -2 | 46 | -6 | SW | 2 | * | r | * | - | 55 | 46 | | | | | |
| | Sanguinaire | 1015.4 | 9 | E | 4 | o | 1013.2 | -2 | 48 | -6 | N | 2 | * | o | * | - | 63 | 41 | | | | | |
| | Corunna | 1008.0 | 59 | - | 0 | c | 1006.3 | 0 | 54 | +2 | - | 0 | - | b | 1 | - | 63 | 48 | | | | | |
| | Madrid | 1009.5 | 54 | SE | 1 | o | 1008.3 | -1 | 45 | ? | NE | 1 | - | o | * | - | 55 | 46 | | | | | |
| | Lisbon | | | | | | | | | | | | | | | | | | | | | | |
| | Azores (Horta) | 1019.7 | * | NNE | 4 | o | 1017.3 | +2 | 58 | +3 | WSW | 4 | * | r | 3 | - | 61 | 55 | | | | | |
| MEDITERRANEAN. | „ (P. Delgada) | 1017.6 | * | NNE | 3 | b.c | 1017.7 | +1 | 57 | -1 | N | 1 | * | o | 2 | - | 63 | 57 | | | | | |
| | Madeira | 1011.7 | 68 | NW | 3 | o | 1012.6 | 0 | 59 | -4 | NW | 3 | - | o | 3 | - | 88 | 59 | | | | | |
| | Gibraltar | 1008.1 | 61 | E | 4 | o | 1004.7 | * | 59 | -3 | E | 1 | * | o | 2 | - | 64 | 59 | | | | | |
| | Algiers | | | | | | | | | | | | | | | | | | | | | | |
| | Malta | | | | | | 1008.4 | +1 | 61 | +4 | NE | 5 | - | b.c | 5 | 41 | 64 | 47 | | | | | |
| | Salonica | | | | | | 1022.8 | +2 | 35 | -3 | NW | 1 | - | c | * | - | 49 | 33 | | | | | |
| | Athens | | | | | | | | | | | | | | | | | | | | | | |
| | Candia | | | | | | | | | | | | | | | | | | | | | | |

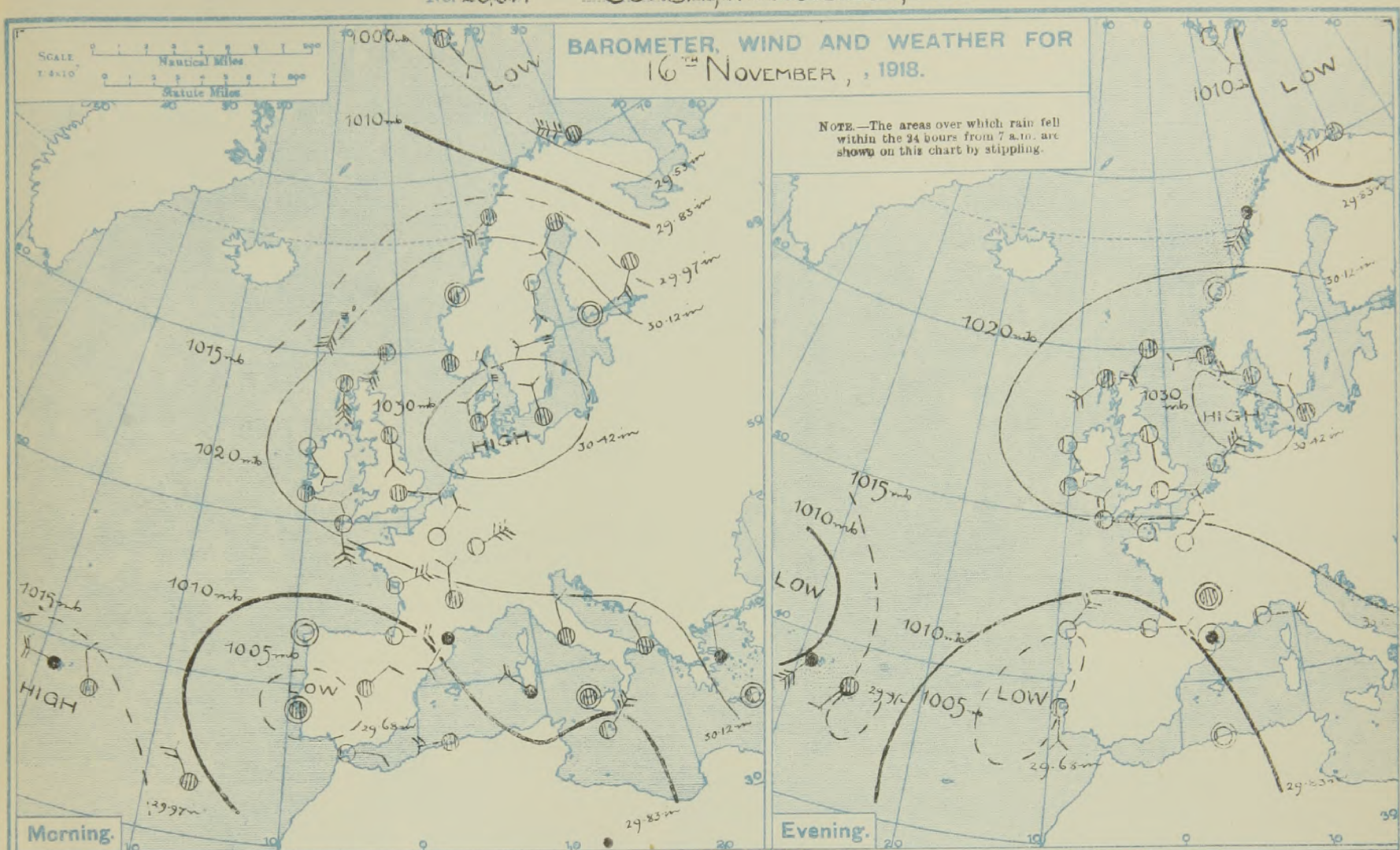
THE BEAUFORT SCALE OF WIND FORCE.

| No. | Limits of Velocity. | |
|-----|-------------------------|--------------------|
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0·3 |
| 1 | 1-3 | 0·8-1·5 |
| 2 | 4-7 | 1·6-8·3 |
| 3 | 8-12 | 3·4-5·4 |
| 4 | 13-18 | 5·5-7·9 |
| 5 | 19-24 | 8·0-10·7 |
| 6 | 25-31 | 10·8-13·8 |
| 7 | 32-38 | 13·9-17·1 |
| 8 | 39-46 | 17·2-20·7 |
| 9 | 47-54 | 20·8-24·4 |
| 10 | 55-63 | 24·5-23·4 |
| 11 | 64-75 | 28·5-33·5 |
| 12 | Above 75 | 33·6 or above |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,814

SUNDAY, 17TH NOVEMBER, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 16TH NOVEMBER.

| STATIONS. | | EVENING OF 15 TH | | | | | MORNING OF 16 TH | | | | | | | | | | MORNING OF 16 TH | | | | | | | |
|-----------|---------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|-------------------------------------|----------|------|----------|----------------------------------------------------------------------------------------------------|-----------|----------------------|-----------------------------------|---------|----------|----------------|--|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND. | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dirac. | | Force 0-12. | |
| RUSSIA. | Orlov ... | * | * F. | * | * | * | | | | | | | | | * F. | * F. | Isafjord ... | | | | | | | |
| | Kem ... | * | * | * | * | * | | | | | | | | | * | * | | | | | | | | |
| | Archangel ... | * | * | * | * | * | | | | | | | | | * | * | | Reykjavik | | | | | | |
| | Mesen... | * | * | * | * | * | | | | | | | | | * | * | | | | | | | | |
| SWEDEN. | Haparanda ... | | | | | | 1015.3 | * | 36 | | SW | 2 | o | * | * | * | Vestmanna Seydisfjord Thorshavn | 1015.8 | 47 | +2 | SSW | 6 | m | |
| | Hernösand ... | | | | | | 1025.5 | * | 37 | | S | 2 | b | * | * | * | | | | | | | | |
| | Stockholm ... | | | | | | 1024.2 | * | 34 | | W | 2 | f | * | * | * | | | | | | | | |
| | Wisby ... | | | | | | 1030.9 | * | 41 | | NNW | 4 | o | * | * | * | | | | | | | | |
| | Sordovala ... | | | | | | 1014.7 | * | 34 | | W | 3 | o | * | * | * | | | | | | | | |
| | Hango ... | | | | | | 1027.1 | * | 41 | | - | 0 | o | * | * | * | | | | | | | | |
| ITALY. | Venice ... | | | | | | ? | * | 37 | -2 | ? | 2 | b | 3 | 44 | ? | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. | | | | | | | |
| | Turin ... | | | | | | 1023.9 | * | 34 | -2 | - | 0 | bc | - | 43 | 37 | 17 TH & 18 TH Nov. 1918. | | | | | | | |
| | Pesaro ... | | | | | | | * | | | | | | | | | Sunrise. | | Noon. | | Sunset. | | | |
| | Leghorn ... | | | | | | | * | | | | | | | | | G.M.T. | | G.M.T. | | G.M.T. | | | |
| | Rome ... | | | | | | 1016.2 | * | 45 | +2 | - | 0 | o | - | 48 | 43 | Yarmouth ... | 7.19 | 11.38 | 3.57 | | | | |
| | Viesti ... | | | | | | 1021.8 | * | 46 | -4 | NE | 1 | o | - | 52 | 36 | Greenwich ... | 7.20 | 11.38 | 3.57 | | | | |
| | Brindisi ... | | | | | | 1018.6 | * | 50 | -4 | N | 2 | o | - | 50 | 43 | | 7.23 | 11.45 | 4.7 | | | | |
| | Cagliari ... | | | | | | 1008.2 | * | 57 | -2 | NW | 3 | r | 7 | 72 | 59 | Wick ... | 7.24 | 11.45 | 4.6 | | | | |
| | Palermo ... | | | | | | 1004.0 | * | 54 | +5 | - | 0 | o | 1 | 63 | 55 | Valencia ... | 8.7 | 11.57 | 3.47 | | | | |
| | Tripoli ... | | | | | | | * | | | | | | | | | | 8.9 | 11.57 | 3.45 | | | | |

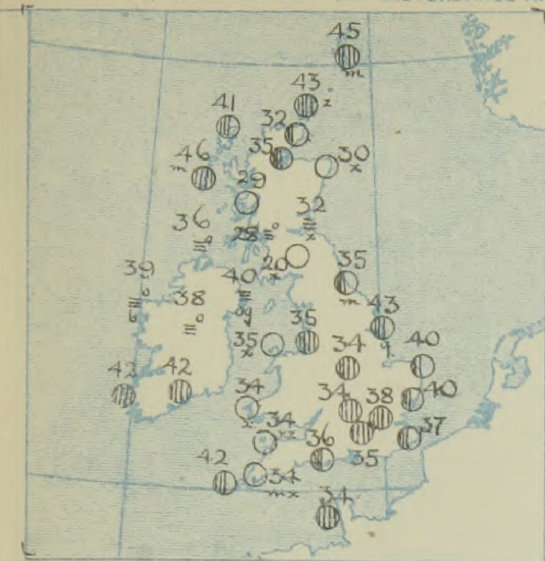
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

| 17 TH & 18 TH NOV. 1918. | | Sunrise. | Noon. | Sunset. |
|------------------------------------------------|--|----------|--------|---------|
| | | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | | 7.19 | 11.38 | 3.57 |
| Greenwich ... | | 7.20 | 11.38 | 3.57 |
| Wick ... | | 7.23 | 11.45 | 4.7 |
| Valencia ... | | 7.24 | 11.45 | 4.6 |
| | | 8.7 | 11.57 | 3.47 |
| | | 8.9 | 11.57 | 3.45 |
| | | 8.6 | 12.26 | 4.46 |
| | | 8.7 | 12.26 | 4.45 |

| LONDON | | HUMIDITY. | | TEMPERATURE. | | WIND. | | WEATHER. | |
|----------------------------------|--|-----------|-----|--------------|------|-------|-------|----------|--------|
| 17 TH Nov. 9h. G.M.T. | | 15h. | 9h. | Max. | Min. | Dir. | Force | Morning. | Night. |
| GREENWICH (Royal Observatory) | | x | x | 44 | 35 | - | - | C | C.O. |
| CITY (Bunhill Row) | | x | x | 44 | 35 | x | x | x | x |
| WESTMINSTER (St. James's Park) | | 80 | 93 | 44 | 38 | - | - | x | x |
| (Roof near Charing Cross) | | 82 | 83 | 44 | 38 | - | - | cm | bc.c |
| CAMDEN SQ. (Brit. Mus. Rainfall) | | 78 | 78 | 44 | 35 | - | - | bc | * |
| KENSINGTON PALACE | | 7 | ? | 41 | 37 | - | - | c | bc.c |

| SOUTH KENSINGTON (M.O.) | | |
|---------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 16 TH . | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 296 | 9.3 | 21 |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.



NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

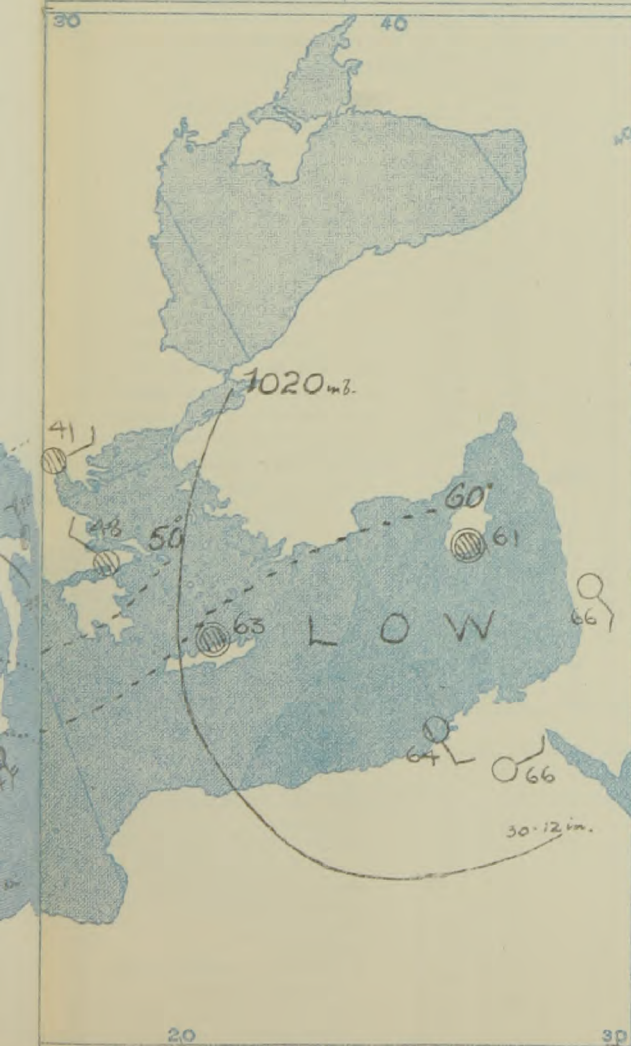
The weather over these Islands yesterday was dry and cold generally but the sky was very variably clouded in different districts, being clearest on the whole in the south, where Jersey recorded 7.8 hours of bright sunshine. The maximum temperature yesterday nowhere exceeded 50°, and minima below 32° occurred in many inland places during the night. No measureable amounts of rain were recorded.

The Conditions at 7h. Today

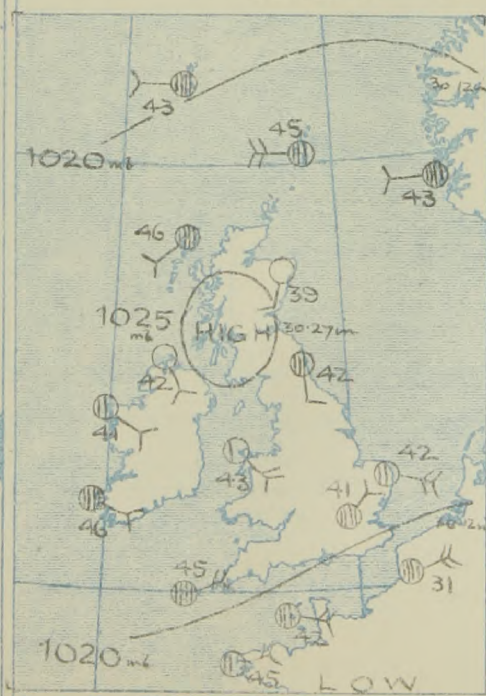
There is an anticyclone over the North Sea, Scotland and Denmark. Pressure is low over the Mediterranean, with a depression centred east of Gibraltar; there is another depression over North Cape, and one is indicated SE. of Iceland, which may affect the far north of Scotland.

13h. The anticyclone is now centred chiefly over Scotland. No other changes have occurred.

H.H.



SUNDAY 17th NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



| STATIONS. | EVENING OF 16 TH | | | | | MORNING OF 17 TH | | | | | | | | | | 24 HOURS ENDED 7 A.M. 17 TH | | | | | Sun- shine for 16 TH |
|------------------|---------------------------------------|--------|-------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|-------|----------------|-------------------------------|----------|-------------|-------------------------------------|----------------------------------------|------|----------|------------|----------|------------------------------------------|
| | Barom. Milli- bars at M.S.L. | Temp. | WIND. | | Weather. | Milli- bars at M.S.L. | Change in 5 hours. | Dry Bulb. | Change in 24 hours. | WIND. | | Dir. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | |
| | | | Dir. | Force 0-12. | | | | | | Dir. | Force 0-12. | | | | | Max. | Min. | Morning. | Afternoon. | Night. | |
| BRITISH ISLANDS. | Lerwick ... | 1025.5 | 45 | SW | 4 | om | 1022.8 | 0 | 4.5 | W | 5 | — | om | 3 | trace | 4.5 | 4.2 | om | om | om | * |
| | Deerness (Orkney) ... | 1024.9 | 46 | SW | 4 | o | 1023.3 | * | 4.3 | S | 2 | — | o2 | 2 | — | 4.6 | 4.0 | — | — | cbe.c.o | 2.8 |
| | Stornoway ... | 1024.2 | 47 | SSW | 4 | om | 1023.8 | 0 | 4.1 | SSW | 1 | — | c | 0 | — | 4.7 | 3.8 | o | o | c | ? |
| | Castlebay (Barra Isd.) ... | 1026.7 | 36 | E | 2 | b2 | 1025.9 | 0 | 4.6 | SW | 3 | — | om | 3 | — | 4.9 | 4.6 | of | ofm | ofom | 0.0 |
| | Glasgow ... | 1027.4 | 29 | NNW | 1 | b2 | 1026.2 | 0 | 2.8 | — | 0 | — | m | * | trace | 3.7 | 2.4 | f2bm | b2 | f2 | 4.1 |
| | Eskdalemuir ... | 1023.5 | 42 | S | 2 | bm | 1022.9 | 0 | 3.6 | SSE | 2 | SW | bm | 2 | — | 4.1 | 2.0 | bm b2 | b2 b2 | b2 | 6.1 |
| | Malin Head ... | 1022.3 | 40 | SE | 2 | b2 | 1022.7 | 0 | 3.9 | SE | 1 | — | bm | 2 | — | 4.5 | 3.5 | bm | bm | bm | 4.8 |
| | Blacksod Point ... | 1021.9 | 44 | E | 3 | b2 | 1021.8 | +0 | 4.2 | E | 2 | SE | o | 0 | — | 4.5 | 3.4 | o b2 c | b2 c | bm | 0.3 |
| | Valencia (Cahiriciveen) ... | 1022.7 | 44 | E | 4 | o | 1022.1 | 0 | 4.2 | E | 1 | — | o | 2 | — | 4.9 | 4.1 | o2 | o2 | c.o.c.o | * |
| | Roche's Point ... | 1023.3 | 38 | SE | 1 | m | 1023.5 | * | 2.7 | — | 0 | — | m | * | — | 5.0 | 2.4 | c | of | f2 | 3.9 |
| NORTHERN EUROPE. | Donaghadee ... | 1024.7 | 41 | S | 1 | of | 1023.5 | -1 | 4.0 | SSE | 1 | — | ogf | 1 | — | 4.7 | 3.9 | of b2m | b2m of | f | * |
| | Liverpool (Bidston) ... | 1025.2 | 35 | S | 1 | m | 1023.5 | 0 | 3.5 | ESE | 1 | — | om | 1 | — | 3.9 | 3.2 | c. om | bm | c.o.o | 2.1 |
| | Holyhead ... | 1023.2 | 39 | E | 4 | b2 | 1022.5 | 0 | 3.5 | E | 2 | — | b2 | 0 | trace | 4.7 | 3.1 | b2 | b2 | b2 | 7.2 |
| | Pembroke (St Ann's) ... | 1023.4 | 37 | ENE | 2 | b | 1023.2 | 0 | 3.4 | ENE | 2 | — | b2 | 2 | — | 4.2 | 3.3 | c. b2 | b2 b | b2 b2 | 4.2 |
| | Hartland Quay ... | 1022.2 | 39 | ESE | 3 | b2 | 1021.9 | 0 | 3.4 | NE | 3 | — | b2 | 2 | — | 4.3 | 3.4 | b2 | b2 | b2 | * |
| | Scilly (St. Mary's) ... | 1019.9 | 47 | E | 5 | c | 1020.0 | 0 | 4.2 | E | 3 | E | c | 5 | — | 5.0 | 4.1 | c | c | c | 0.8 |
| | Falmouth ... | 1020.1 | 44 | ENE | 6 | cqm | 1020.8 | +1 | 3.4 | NNE | 3 | — | bm2 | * | — | 4.8 | 3.3 | b2 c2 | c2 cqm | bm. bm2 | 2.0 |
| | Jersey (St. Aubin) ... | 1019.1 | 42 | E | 4 | b | 1018.7 | 0 | 3.4 | ENE | 2 | — | o | 2 | — | 4.4 | 3.3 | b | b | bm. o | 7.8 |
| | Portland Bill ... | 1020.3 | 43 | ENE | 5 | b | 1020.5 | 0 | 3.6 | ENE | 5 | NE | c | 4 | — | 4.5 | 3.6 | c. b2 | b | b2 c | * |
| | Dungeness ... | 1021.7 | 40 | E | 5 | b2 | 1019.8 | -1 | 3.7 | E | 3 | E | c | 3 | — | 4.8 | 3.5 | b | b2 c | b2 c | * |
| FRANCE, &c. | Wick ... | 1024.8 | 35 | W | 2 | bm | 1023.4 | 0 | 3.2 | W | 1 | — | b2 | 2 | — | 4.4 | 3.0 | bm | bm | bm. c | * |
| | Nairn ... | 1025.2 | 34 | — | 0 | bm. x | 1024.1 | * | 3.5 | — | 0 | — | c2 | 0 | — | 4.3 | 3.0 | b2 c2 | b2m | b2. c | 2.5 |
| | Aberdeen ... | 1026.7 | 41 | SSW | 2 | bm | 1025.1 | 0 | 3.0 | — | 0 | — | b2 | 2 | — | 4.7 | 2.9 | b2. bm | b2 | b2. c | 2.8 |
| | Leith ... | 1026.1 | 34 | SW | 1 | m | 1024.9 | 0 | 3.2 | SW | 1 | — | f2 | 1 | 0.3 | 3.7 | 3.0 | b2. m2 | f2m | m. b2. c | * |
| | Tynemouth ... | 1027.2 | 40 | S | 1 | bm | 1024.3 | 0 | 3.5 | S | 1 | — | cm | 2 | — | 4.4 | 3.4 | cm | cm | f. cm | * |
| | Spurn Head ... | 1025.9 | 43 | SE | 4 | b2 c2 | 1023.5 | -1 | 4.3 | ESE | 4 | — | c2 | 4 | — | 4.4 | 4.0 | cm | b2 c2 | b2 c2 | 2.4 |
| | Yarmouth (Gorleston) ... | 1024.6 | 43 | ESE | 5 | b2 | 1022.4 | +1 | 4.0 | E | 4 | — | c | 4 | — | 4.4 | 4.0 | b2 | b2 | b2 c | 6.7 |
| | Clacton-on-Sea ... | 1023.9 | 42 | E | 4 | c | 1021.6 | 0 | 4.0 | E | 3 | E | c | 3 | — | 4.4 | 3.9 | b2 | b2 c | c | 4.0 |
| | Nottingham ... | 1025.7 | 37 | E | 1 | b | 1023.2 | * | 3.4 | E | 1 | E | o | * | — | 4.2 | 3.1 | o. c | b2 c | b2 c | 3.4 |
| | Benson (Oxon.) ... | 1023.5 | 34 | E | 1 | b | 1022.0 | 0 | 3.4 | NE | 2 | — | o | * | — | 4.7 | 2.8 | b | b | b2 c | * |
| IBERIA, &c. | Sth Farnborough ... | 1023.6 | 34 | NE | 3 | b | 1021.9 | -0 | 3.5 | NNE | 2 | — | o | * | — | 4.3 | 2.9 | x. bm | b2 c2 bm | b2. om | 6.8 |
| | Salisbury Plain ... | 1023.1 | 35 | NE | 3 | b | 1022.3 | -1 | 3.5 | ENE | 1 | E | o2 | * | — | 4.1 | 2.9 | b2 c | b2. bm | b2. o2 | 7 |
| | London (Key Obs.) ... | 1023.4 | 39 | E | 3 | bm | 1021.7 | 0 | 3.8 | NE | 2 | — | o | * | — | 4.2 | 3.6 | bm. c2 | bm. bm | bm. o2 | 3.4 |
| | Spitsbergen ... | 1013.2 | 3 | SE | 2 | b | 1011.0 | +1 | 7 | SE | 1 | * | b | * | — | 12 | 0 | — | — | — | * |
| | Vardö ... | 1008.8 | 34 | W | 5 | o | 998.6 | -8 | 30 | SSE | 7 | — | s | 5 | * | 37 | 30 | — | — | — | * |
| | Gjesvær ... | 1010.0 | 34 | N | 4 | b | 992.7 | * | 39 | W | 6 | — | r | 4 | 5 | 39 | 28 | — | — | — | * |
| | Boðö ... | 1012.2 | 46 | SW | 8 | r | 1004.4 | -2 | 4.3 | SW | 9 | — | c | 6 | 7 | 46 | 39 | — | — | — | * |
| | Christiansund ... | 1022.6 | 48 | — | 0 | b | 1018.9 | -1 | 4.6 | W | 3 | — | o | 3 | — | 4.8 | 4.3 | — | — | — | * |
| | Skudesnaes ... | 1029.0 | 45 | W | 2 | o | 1025.1 | 0 | 5.0 | NNW | 4 | — | o | 1 | 1 | 50 | 4.3 | — | — | — | * |
| | Færder (Xania Fjord) ... | 1027.0 | 32 | NNW | 1 | f | 1022.6 | -1 | 2.8 | — | 0 | — | b | 1 | — | 3.6 | 2.8 | — | — | — | * |
| MEDITERRANEAN. | The Scaw (Skagen) ... | 1027.4 | 45 | WNW | 3 | c | 1022.6 | -1 | 4.3 | NW | 3 | — | b | 3 | — | 4.6 | 4.1 | — | — | — | * |
| | Blaavands Huk ... | 1031.4 | 37 | ESE | 1 | f | 1027.1 | -1 | 3.7 | ESE | 1 | — | o | * | — | 3.9 | 3.2 | — | — | — | * |
| | Copenhagen ... | 1031.3 | 41 | — | 0 | o | 1026.1 | -2 | 3.9 | WNW | 2 | — | f | * | — | 4.3 | 3.9 | — | — | — | * |
| | Bornholm ... | 1029.3 | 41 | N | 2 | m | 1025.7 | -0 | 4.1 | NW | 2 | — | r | 1 | — | 4.1 | 2.6 | — | — | — | * |
| | The Helder ... | 1026.7 | 37 | ENE | 5 | b | 1023.8 | -1 | 3.2 | ENE | 5 | — | b | 3 | — | 3.9 | 3.2 | — | — | — | * |
| | C. Gris Nez ... | 1021.6 | 32 | E | 3 | b | 1020.2 | -1 | 2.7 | E | 1 | * | b | 1 | — | 4.6 | 2.7 | — | — | — | * |
| | La Hève ... | 1020.2 | 37 | E | 4 | m | 1020.0 | 0 | 2.8 | ENE | 2 | * | b | * | — | 3.9 | 2.8 | — | — | — | * |
| | Brest (St. Mathieu) ... | 1017.9 | 39 | NE | 3 | b | 1018.4 | 0 | 3.4 | E | 3 | * | b | * | — | 5.0 | 3.0 | — | — | — | * |
| | Rochefort (Île d'Aix) ... | 1013.7 | 41 | ENE | 6 | b | 1014.1 | 0 | 3.2 | ENE | 4 | * | b | * | — | 4.5 | 2.5 | — | — | — | * |
| | Biarritz ... | 1008.3 | 50 | E | 3 | b | 1009.6 | +1 | 4.3 | E | 3 | * | m | * | — | 5.7 | 4.3 | — | — | — | * |
| MEDITERRANEAN. | Paris ... | 1020.0 | 32 | ENE | 2 | b | 1018.0 | -1 | 2.5 | ENE | 2 | * | b | * | — | 4.1 | 2.5 | — | — | — | * |
| | Belfort ... | 1017.3 | 37 | — | 0 | o | 1019.5 | * | 2.7 | ENE | 4 | * | c | * | — | 3.5 | 2.6 | — | — | — | * |
| | Lyons ... | 1016.6 | 39 | E | 3 | b | 1015.8 | 0 | 4.1 | E | 4 | * | c | * | Trace | 4.3 | 3.2 | — | — | — | * |
| | Nice ... | 1013.3 | 46 | — | 0 | r | 1013.3 | +1 | 4.5 | N | 1 | * | r | * | 4.6 | 4.8 | 4.3 | — | — | — | * |
| | Perpignan ... | 1012.7 | 52 | E | 3 | o | 1011.9 | 0 | 5.2 | W | 2 | * | c | * | — | 5.2 | 4.8 | — | — | — | * |
| | Sanguinaire ... | 1006.7 | 54 | NE | 4 | b | 1009.2 | +3 | 5.5 | NE | 5 | — | b2 | 2 | — | 6.1 | 5.0 | — | — | — | * |
| | Corunna ... | 1002.7 | 55 | SSW | 2 | c | 1005.6 | +2 | * | N | 1 | W | c | 6 | 3 | 5.9 | 5.0 | — | — | — | * |
| | Lisbon ... | 1011.5 | * | SW | 6 | r | 1011.1 | 0 | 5.9 | — | 0 | * | c | 3 | 18 | 6.4 | 5.9 | — | — | — | * |
| | Azores (Horta) ... | 1015.0 | * | SW | 2 | o | 1011.4 | 0 | 6.6 | NNW | 1 | * | b | 2 | 22 | 6.4 | 5.7 | — | — | — | * |
| | „ (P. Delgada) ... | 1011.4 | 64 | NW | 3 | o | 1015.5 | +3 | 5.9 | NW | 3 | N | c | 3 | — | 6.8 | 5.9 | — | — | — | * |
| MEDITERRANEAN. | Madeira ... | 1007.0 | 61 | — | 0 | b | 1002.7 | +1 | 6.4 | SSW | 5 | — | o | 4 | — | 6.6 | 5.7 | — | — | — | * |
| | Gibraltar ... | 1013.5 | * | * | * | * | 1013.5 | +3 | 6.4 | SE | 3 | — | o | 4 | — | 6.4 | 5.7 | — | — | — | * |
| | Algiers ... | 1022.2 | 40 | NW | 3 | r | 1022.9 | +2 | 4.1 | NNE | 2 | N | b2 | * | 1 | 4.5 | 3.5 | — | — | — | * |
| | Malta ... | 1014.0 | 50 | NE | 5 | r | 1021.1 | +5 | 4.8 | NNW | 1 | — | c | 2 | 5 | 5.4 | 4.6 | — | — | | |

* Information for these columns not usually received.

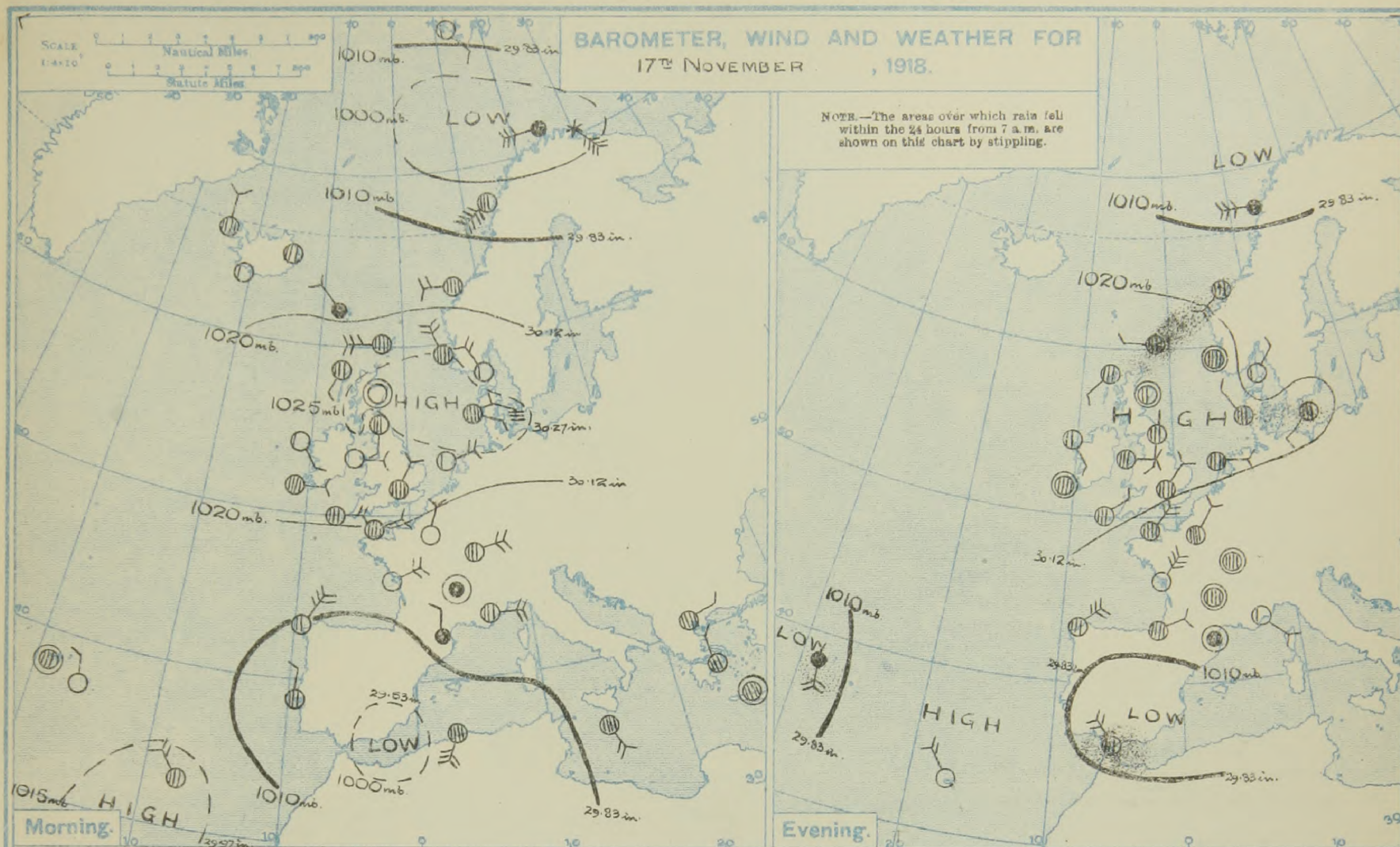
+ Received too late for insertion in Charts.

± The barometric change is expressed in millibars.

THE BEAUFORT SCALE OF WIND FORCE.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,815. MONDAY, 18TH NOVEMBER, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 17TH NOVEMBER.

| STATIONS. | | EVENING OF...16 TH | | | | | MORNING OF...17 TH | | | | | | | | | | MORNING OF...17 TH | | | | | | | | | |
|--------------------------------------------------------------------------------------------------|----------------|---------------------------------------|-----------|--------|----------------|----------|-------------------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|-----------|-----------|---------------------------------------|-------------------------------------------------|--------------|---------------------------|----------|----------|----------------|----------|---------|--|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | | | | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min | Dry Bulb. | Change in 24 hours. | Dirac. | | Force 0-12. | Weather. | | |
| | | | * F. ° | | | | | | F. | * F. ° | | | | | * F. ° | * F. ° | | | * F. ° | * F. ° | | | | | | |
| RUSSIA. | Orlov ... | * | * | * | * | * | | | | | | | | | * | * | | | | | | | | | | |
| | Kem ... | * | * | * | * | * | | | | | | | | | * | * | | | | | | | | | | |
| | Archangel ... | * | * | * | * | * | | | | | | | | | * | * | | | | | | | | | | |
| | Mesen... | * | * | * | * | * | | | | | | | | | * | * | | | | | | | | | | |
| SWEDEN. | Haparanda ... | | | | | | | * | | | | | | * | * | * | | | | | | | | | | |
| | Hernösand ... | | | | | | | * | | | | | | * | * | * | | | | | | | | | | |
| | Stockholm ... | | | | | | | * | | | | | | * | * | * | | | | | | | | | | |
| | Wisby ... | | | | | | | * | | | | | | * | * | * | | | | | | | | | | |
| | Sordovalva ... | | | | | | | * | | | | | | * | * | * | | | | | | | | | | |
| | Hangö ... | | | | | | | * | | | | | | * | * | * | | | | | | | | | | |
| ITALY. | Venice ... | | | | | | 1020.7 | * | 36 | -3 | ENE | 1 | 0 | - | 43 | 34 | | | | | | | | | | |
| | Turin ... | 1024.5 | 37 | - | 0 | bc | 1021.4 | * | 34 | -7 | - | 0 | c | - | 41 | 32 | | | | | | | | | | |
| | Pesaro ... | 1019.8 | 41 | - | 0 | o | 1019.7 | * | 39 | -6 | - | 0 | o | 8 | 39 | ? | | | | | | | | | | |
| | Leghorn ... | | | | | | 1014.6 | * | 43 | 0 | NE | 2 | o | - | 46 | 43 | | | | | | | | | | |
| | Rome ... | 1014.3 | 45 | N | 1 | r | 1014.3 | * | 46 | -3 | - | 0 | o | 2.5 | 50 | 43 | | | | | | | | | | |
| | Viesti ... | 1018.6 | 46 | S | 1 | o | 1017.5 | * | 46 | -4 | NW | 1 | o | - | 50 | 39 | | | | | | | | | | |
| | Brindisi ... | ? | ? | ? | ? | bc | 1017.1 | * | ? | ? | NNW | 3 | b | - | 50 | 45 | | | | | | | | | | |
| | Cagliari ... | | | | | | 1010.9 | * | 57 | -2 | NW | 3 | c | 3 | 73 | 54 | | | | | | | | | | |
| | Palermo ... | | | | | | | * | | | | | | | | | | | | | | | | | | |
| | Tripoli ... | | | | | | | * | | | | | | | | | | | | | | | | | | |
| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | | | | | | | | | | | | 18 TH & 19 TH Nov., 1918. | | | Sunrise. | | Noon. | | Sunset. | |
| | | | | | | | | | | | | | | | | | | | | G.M.T. | | G.M.T. | | G.M.T. | | |
| Yarmouth ... | | | | | | | | | | | | | | | | | | 7 20 | | 11 38 | | 3 56 | | | | |
| Greenwich ... | | | | | | | | | | | | | | | | | | 7 22 | | 11 38 | | 3 55 | | | | |
| Wick ... | | | | | | | | | | | | | | | | | | 7 24 | | 11 45 | | 4 6 | | | | |
| Valencia ... | | | | | | | | | | | | | | | | | | 8 9 | | 11 57 | | 3 45 | | | | |
| | | | | | | | | | | | | | | | | | | 8 12 | | 11 57 | | 3 43 | | | | |
| | | | | | | | | | | | | | | | | | | 8 7 | | 12 26 | | 4 45 | | | | |
| | | | | | | | | | | | | | | | | | | 8 9 | | 12 26 | | 4 45 | | | | |

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

| 18 TH & 19 TH Nov. 1918. | | Sunrise. | Noon. | Sunset. |
|------------------------------------------------|--|----------|--------|---------|
| | | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | | 7.20 | 11.38 | 3.56 |
| Greenwich ... | | 7.22 | 11.38 | 3.55 |
| Wick ... | | 7.24 | 11.45 | 4.6 |
| Valencia ... | | 7.26 | 11.45 | 4.5 |
| | | 8.9 | 11.57 | 3.45 |
| | | 8.12 | 11.57 | 3.43 |
| | | 8.7 | 12.26 | 4.45 |
| | | 8.9 | 12.26 | 4.44 |

| LONDON | Humidity. | | Sun-shine for 24 Hours ended 9 h. 18 TH | TEMPERATURE. | | | WEATHER. | | |
|---------------------------------------|------------------|------------------|----------------------------------------------------|--------------|------|---------------|------------|----------|-----------------|
| | 5 h. | 9 h. | | Max. | Min. | Min. on Grass | Rain-fall. | Morning. | Afternoon. |
| | 17 TH | 18 TH | | °F. | °F. | °F. | | | |
| 18 TH NOVEMBER 9 h. G.M.T. | | | | | | | | | |
| GREENWICH (Royal Observatory) | % | % | Hours. | 41 | 38 | 32 | mm. | om | o |
| CITY (Bunhill Row) | x | x | 0.0 | x | x | x | x | x | x |
| WESTMINSTER (St. James's Park) | - | - | 0.0 | 42 | 39 | 34 | - | x | x |
| (Roof near Charing Cross) | 84 | 87 | 0.0 | 41 | 39 | x | - | om o | ogm q o. bcm cm |
| CAMDEN SQ. (British Rainfall) | - | 86 | 0.0 | 41 | 36 | 29 | - | - | - |
| KENSINGTON PALACE | 76 | 82 | x | 43 | 37 | 31 | - | o | o |

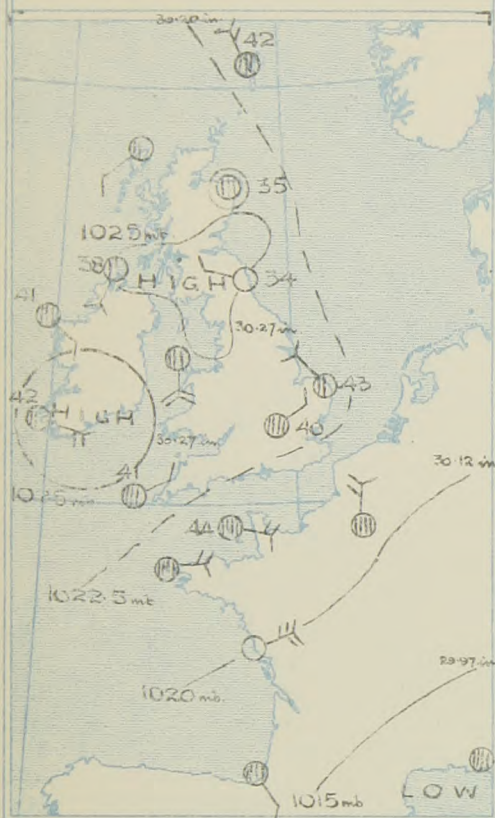
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|-------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 17 TH | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 129 | 4.1 | 10 |

13th, NOV, at 1h. G.M.T.

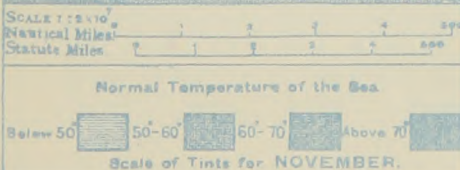
THE MORNING OF MONDAY, 18th

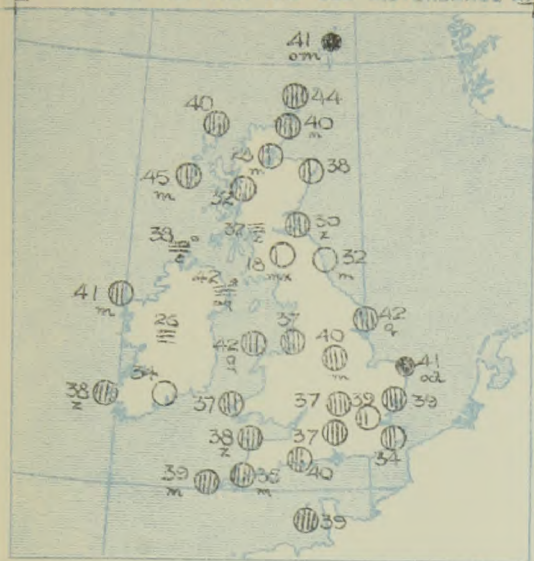
NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER—Isobars are drawn for intervals of five millibars.
WIND—Direction is shown by arrows flying with the wind.
 Force, on the scale 0-12, is indicated by the number of feathers.
TEMPERATURE—Given in degrees Fahrenheit.
 Isotherms shown by dotted lines.
WEATHER—Shown by the following symbols:—
 ☉ clear sky. ☁ sky & clouded. ☁ sky & clouded.
 ☁ sky & clouded. ☁ overcast sky. ☁ rain falling.
 ☁ snow & hail. ☁ fog. ☁ mist. T, thunder.
SEA DISTURBANCE—Rough wavy lines. High waves.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today.

There was a sharp frost at several inland stations, the minimum being 17° at Eskdalemuir, 26° at Birr Castle, and 27° at Nairn and Edinburgh. There was little or no rainfall, except for 3 mm. in the Shetlands. Six hours of bright sunshine were recorded at Eskdalemuir and at Pembroke. There was fog locally inland, and the atmosphere was somewhat misty generally.

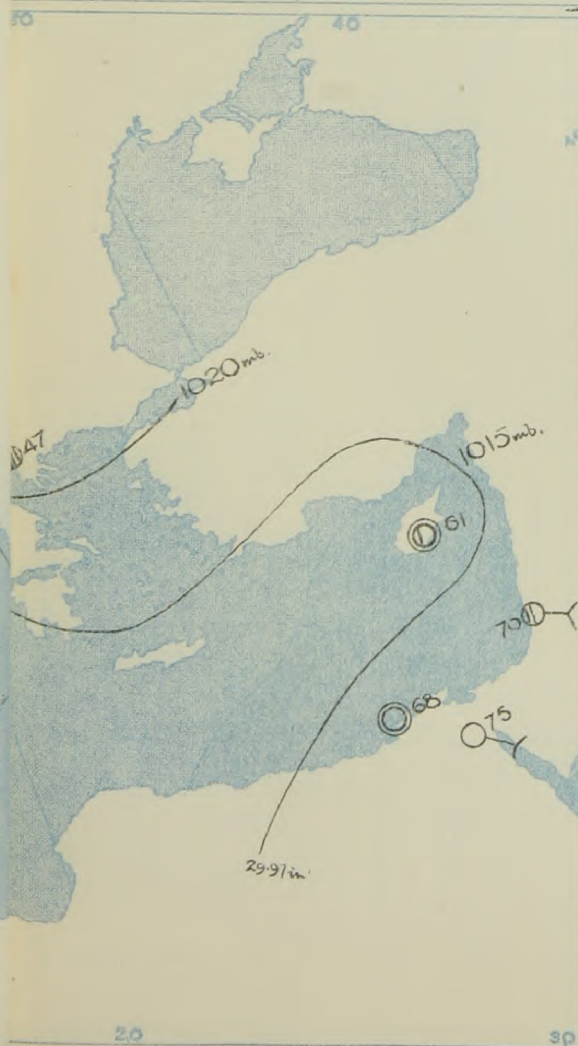
The Conditions at 7h. Today

There is an anticyclone over the British Isles. The wind is light and rather variable in direction, from S. or SW. on our north-west coasts, but mainly from some Northerly point over the southern half of the kingdom. The sky is clear at a few stations only, the weather being for the most part dull. Mist is fairly general over the northern half of the British Isles, and rain is falling in the Shetlands and at Yarmouth. The temperature is down to 18° at Eskdalemuir, and to 26° at Birr Castle.

The Outlook

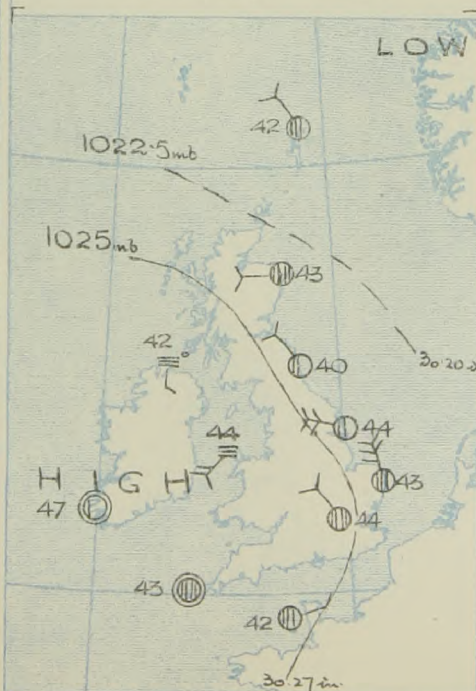
In Scotland and NE. England there will be moderate winds from between NW. and W, but elsewhere the wind will be very light. Fair or dull weather is expected generally, with mist or fog and a rather low temperature.

H.H.



MONDAY, 18th

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



The anticyclone over the British Isles is maintaining its position. There has been little change of any kind since this morning.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 322

MONDAY
18TH NOVEMBER

| STATIONS. | EVENING OF 17 TH | | | | | MORNING OF 18 TH | | | | | | | | | | 24 HOURS ENDED 7 TH 18 TH | | | | | Sun- shine for 17 TH Hours. | |
|--------------------------|---------------------------------------|-------------------|--------|---------------|----------|-----------------------------|--------------------------|--------------|---------------------------|-------|---------------|---------------------------------|----------|------------|-------------------------------------|-------------------------------------------------|------|----------|------------|--------|----------------------------------------------------|-----|
| | Barom. Milli- bars at M.S.L. | Temp. | WIND. | | Weather. | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | WIND. | | Direc. of Upper Cloud. | Weather. | Sea 0-9 | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | |
| | | | Dir. | Force 0-12 | | | | | | Dir. | Force 0-12 | | | | | Max. | Min. | Morning | Afternoon. | Night. | | |
| BRITISH ISLANDS. | Lerwick ... | 1022.1 | 44 | W | 1 | om | 1022.2 | 0 | 41 | -4 | NW | 3 | om | 3 | 3 | 45 | 38 | om | om | om | 0.0 | |
| | Deerness (Orkney) ... | 1022.7 | 45 | SW | 1 | om | 1022.7 | 0 | 44 | +1 | W | 1 | o | 1 | - | 45 | 42 | om | om | o | 0.0 | |
| | Sornoway ... | 1023.9 | 43 | SW | 1 | c | 1024.1 | 0 | 40 | -1 | WSW | 2 | o | 1 | - | 46 | 34 | o | o | bc | 0.0 | |
| | Castletown (Barra Is.) ... | 1023.9 | 44 | S | 2 | om | 1024.3 | 0 | 45 | -1 | SW | 3 | om | 3 | - | 46 | 43 | om | om | om | 0.0 | |
| | Glasgow ... | 1025.6 | 31 | - | 0 | f | 1026.1 | +1 | 32 | +4 | WNW | 1 | m | 0.4 | 32 | 27 | fx | fx | fx | 0.0 | | |
| | Eskdalemuir ... | 1025.5 | 28 | NNW | 1 | bc | 1026.6 | 0 | 18 | -2 | - | 0 | bm | * | - | 41 | 17 | bc | by | bc | 6.4 | |
| | Malin Head ... | 1023.6 | 38 | S | 1 | bm | 1025.8 | +1 | 38 | +2 | SSE | 2 | SW | 2 | - | 42 | 34 | bm | bm | bm | 5.0 | |
| | Blackod Point ... | 1023.1 | 40 | SE | 1 | om | 1024.8 | 0 | 41 | +2 | S | 4 | om | 2 | - | 42 | 35 | bc | bc | om | 0.0 | |
| | Valencia (Cabiriveen) ... | 1023.1 | 44 | - | 0 | oz | 1026.2 | +2 | 38 | -4 | NE | 2 | oz | 3 | - | 45 | 38 | oz | oz | oz | 0.0 | |
| | Roche's Point ... | 1023.7 | 41 | NE | 1 | oz | 1026.7 | 0 | 34 | -8 | N | 2 | o | 2 | 0.1 | 44 | 34 | oz | oz | oz | 0.0 | |
| | Birr Castle ... | 1024.3 | 33 | SE | 1 | m | 1026.2 | 0 | 26 | -1 | - | 0 | f | * | - | 40 | 26 | z | f | fx | 3.3 | |
| | Donaghadee ... | 1024.0 | 41 | SE | 2 | om | 1022.5 | +1 | 42 | +2 | SW | 1 | ogm | 0 | - | 46 | 39 | of | d | om | 0.0 | |
| | Liverpool (Bidston) ... | 1023.7 | 38 | ESE | 1 | m | 1025.2 | 0 | 37 | +2 | SSW | 1 | o | 0 | - | 40 | 35 | bm | bm | om | 3.2 | |
| | Holyhead ... | 1023.0 | 37 | E | 2 | c | 1024.9 | 0 | 42 | +7 | S | 3 | cg | 2 | - | 44 | 34 | b | bc | bc | 3.4 | |
| | Penbroke (St. Ann's) ... | 1023.8 | 35 | N | 1 | b | 1026.0 | +3 | 37 | +3 | NE | 1 | c | 1 | - | 40 | 37 | b | b | bc | 6.0 | |
| | Hartland Quay ... | 1023.1 | 36 | ENE | 2 | oz | 1026.1 | +2 | 38 | +4 | NE | 1 | oz | 1 | - | 39 | 34 | bc | oz | oz | 0.0 | |
| | Scilly (St. Mary's) ... | 1022.0 | 43 | NE | 1 | c | 1025.1 | +1 | 39 | -3 | NE | 1 | E | om | 3 | - | 47 | 39 | c | c | om | 1.9 |
| | Falmouth ... | 1022.1 | 36 | NE | 2 | bc | 1025.7 | +2 | 35 | +1 | NE | 2 | om | * | - | 43 | 30 | bc | bc | bc | 2.2 | |
| | Jersey (St. Aubin) ... | 1019.5 | 42 | ENE | 4 | o | 1023.4 | +1 | 39 | +5 | ENE | 3 | o | 3 | - | 43 | 34 | o | o | o | 0.0 | |
| Portland Bill ... | 1020.7 | 40 | NE | 3 | om | 1023.7 | +2 | 40 | +4 | ENE | 3 | NE | c | 3 | - | 41 | 37 | c | om | c | 0.0 | |
| Dungeness ... | 1019.9 | 37 | ESE | 3 | o | 1022.7 | +1 | 34 | -3 | N | 2 | NE | c | 2 | - | 40 | 33 | c | o | o | 0.0 | |
| NORTHERN EUROPE. | Wick ... | 1023.2 | 39 | W | 1 | m | 1022.9 | 0 | 40 | +8 | WNW | 2 | om | 1 | 1 | 42 | 32 | bc | om | om | 0.0 | |
| | Nairn ... | 1024.1 | 37 | SW | 1 | c | 1024.1 | 0 | 28 | -7 | - | 0 | bc | 0 | - | 41 | 27 | cg | cg | bc | 0.0 | |
| | Aberdeen ... | 1024.0 | 33 | W | 1 | bc | 1023.6 | +1 | 38 | +8 | W | 2 | bc | 1 | - | 39 | 28 | bc | bc | bc | 4.9 | |
| | Leith ... | 1024.4 | 31 | SW | 1 | f | 1025.2 | 0 | 30 | -2 | SW | 1 | oz | 1 | trace | 35 | 27 | f | m | b | 0.0 | |
| | Tynemouth ... | 1023.3 | 42 | S | 1 | om | 1023.8 | 0 | 32 | -3 | NW | 2 | bm | 2 | - | 44 | 30 | om | om | bm | 0.0 | |
| | Spurn Head ... | 1023.5 | 44 | ESE | 3 | c | 1023.6 | +0 | 42 | -1 | NW | 4 | og | 4 | - | 45 | 39 | bc | c | og | 0.0 | |
| | Yarmouth (Gorleston) ... | 1021.9 | 42 | ENE | 4 | bc | 1021.8 | -1 | 41 | +1 | NNW | 2 | od | 2 | - | 42 | 39 | c | bc | bc | 2.4 | |
| | Clacton-on-Sea ... | 1021.5 | 41 | ENE | 4 | c | 1023.4 | +2 | 39 | -1 | NNW | 3 | c | 2 | - | 42 | 33 | c | c | o | 0.0 | |
| | Nottingham ... | 1023.9 | 41 | ENE | 1 | o | 1025.3 | 0 | 40 | +6 | N | 1 | om | * | - | 42 | 34 | o | o | o | 0.4 | |
| | Benson (Oxon.) ... | 1022.1 | 38 | NE | 2 | o | 1024.2 | +2 | 37 | ? | - | 0 | o | * | 0.1 | 42 | 34 | o | o | o | 0.0 | |
| | St. Farnborough ... | 1021.6 | 38 | NNE | 2 | om | 1024.3 | +2 | 39 | +4 | NNW | 2 | om | * | trace | 39 | 35 | om | om | om | 0.0 | |
| | Salisbury Plain ... | 1022.0 | 37 | NE | 2 | o | 1025.1 | +1 | 37 | +2 | - | 0 | E | o | * | 38 | 34 | o | o | o | 0.0 | |
| | London (Kew Obs.) ... | 1021.7 | 41 | NE | 2 | om | 1024.5 | +2 | 39 | +1 | NNW | 1 | N | bc | * | 41 | 38 | o | om | om | 0.0 | |
| | Spitsbergen ... | | | | | | | | | | | | | * | * | | | | | | | |
| | Vardo ... | | | | | | | | | | | | | * | * | | | | | | | |
| | Gjesvær ... | | | | | | | | | | | | | * | * | | | | | | | |
| | FRANCE, &c. | Bodö ... | 1007.7 | 37 | WSW | 6 | r | 1011.1 | +3 | 36 | -7 | N | 4 | c | 2 | 9 | 41 | 32 | | | | |
| | | Christiansund ... | 1018.4 | 45 | SW | 4 | c | 1019.3 | 0 | 46 | 0 | NW | 3 | c | 3 | 9 | 46 | 37 | | | | |
| | | Skudesnaes ... | 1021.7 | 44 | - | 0 | o | 1019.0 | -1 | 37 | -13 | - | 0 | c | 1 | - | 45 | 37 | | | | |
| Færder (Xania Fjord) ... | | 1019.1 | 32 | NNE | 1 | f | 1017.0 | +1 | 32 | -4 | - | 0 | f | 4 | - | 32 | 32 | | | | | |
| The Scaw (Skagen) ... | | 1019.5 | 43 | NE | 1 | b | 1016.0 | +1 | 36 | -7 | NE | 2 | o | 2 | - | 45 | 34 | | | | | |
| Blaavands Huk ... | | 1022.3 | 43 | NNW | 1 | o | 1017.3 | -3 | 41 | +4 | NE | 1 | b | * | 2 | 45 | 34 | | | | | |
| Copenhagen ... | | 1021.2 | 41 | - | 0 | o | 1016.2 | -2 | 41 | +2 | W | 1 | f | * | trace | 41 | 39 | | | | | |
| Bornholm ... | | 1020.7 | 41 | SW | 1 | c | 1017.0 | -1 | 36 | ? | SSW | 2 | o | 0 | 3 | 41 | 34 | | | | | |
| The Helder ... | | 1022.3 | 36 | E | 2 | o | 1020.0 | 0 | 43 | +11 | N | 2 | o | 1 | 2 | 43 | 32 | | | | | |
| C. Gris Nez ... | | 1020.2 | 32 | ESE | 2 | o | 1023.1 | +2 | 21 | -6 | ESE | 2 | o | 1 | - | 37 | 28 | | | | | |
| La Hève ... | | 1019.4 | 36 | E | 3 | b | 1023.3 | +3 | 30 | +2 | E | 3 | bc | * | - | 37 | 30 | | | | | |
| Brest (St. Mathieu) ... | | 1019.8 | 41 | NE | 2 | o | 1023.5 | +1 | 43 | +9 | NE | 3 | o | * | - | 50 | 41 | | | | | |
| Rochefort (d'Atx) ... | | 1015.8 | 39 | NE | 6 | b | 1019.3 | +2 | 30 | -2 | NE | 6 | o | * | - | 50 | 28 | | | | | |
| Biarritz ... | | 1012.7 | 45 | ENE | 2 | o | 1017.0 | +2 | 46 | +3 | ENE | 2 | o | * | - | 46 | 43 | | | | | |
| Paris ... | | 1018.4 | 34 | NE | 2 | o | 1022.4 | +3 | 30 | +5 | NNE | 2 | o | * | - | 39 | 25 | | | | | |
| Belfort ... | | 1017.6 | 32 | - | 0 | o | 1018.0 | * | 28 | +1 | E | 2 | o | * | - | 34 | 28 | | | | | |
| Lyons ... | | 1015.3 | 41 | - | 0 | o | 1016.7 | +1 | 36 | +2 | N | 1 | o | * | - | 46 | 34 | | | | | |
| Nice ... | | 1012.8 | 39 | SE | 2 | b | 1010.0 | -1 | 39 | +2 | E | 2 | c | * | - | 48 | 37 | | | | | |
| Perpignan ... | | 1012.2 | 46 | - | 0 | r | 1012.7 | +0 | 48 | +3 | NW | 3 | o | * | - | 48 | 45 | | | | | |
| Sanguinaire ... | | | | | | 1006.6 | -3 | 55 | +3 | SE | 2 | c | * | - | 61 | 46 | | | | | | |
| IBERIA, &c. | Corunna ... | 1012.0 | 55 | NE | 5 | c | 1020.7 | +3 | 52 | -3 | NE | 4 | c | 3 | - | 57 | 52 | | | | | |
| | Madrid ... | | | | | | | | | | | | * | | | | | | | | | |
| | Lisbon ... | | | | | | | | | | | | * | | | | | | | | | |
| | Azores (Horta) ... | 1008.6 | * | SE | 4 | r | 1009.9 | +1 | 64 | +5 | SW | 6 | o | 3 | 10 | 66 | 64 | | | | | |
| | " (P. Delgada) ... | 1000.7 | * | SSW | 4 | f | 1000.7 | +1 | 64 | -2 | SSW | 3 | f | 4 | 17 | 66 | 61 | | | | | |
| | Madeira ... | 1016.7 | 66 | NW | 3 | bc | 1020.8 | +1 | 59 | 0 | NW | 2 | b | 2 | - | 70 | 59 | | | | | |
| | Gibraltar ... | 1009.5 | 56 | NW | 4 | c | 1013.5 | * | 55 | ? | NW | 5 | bc | 2 | 22 | 61 | 52 | | | | | |
| | Algiers ... | | * | * | * | * | 1008.2 | 0 | 66 | -2 | NW | 1 | o | 2 | trace | 68 | 59 | | | | | |
| | Malta ... | | * | * | * | * | 1021.6 | 0 | 47 | +6 | SW | 1 | o | * | - | 50 | 41 | | | | | |
| | Salonica ... | 1023.3 | 46 | SE | 1 | o | | | | | | | | | | | | | | | | |
| | Athens ... | | * | * | * | * | 1013.7 | 0 | 61 | 0 | - | 0 | W | b | 0 | 73 | 54 | | | | | |
| | Candia ... | | * | * | * | * | 1016.7 | 0 | 68 | +4 | - | 0 | b | 0 | - | 84 | 63 | | | | | |
| | Limassol ... | 1017.0 | 72 | - | 0 | b | 1017.5 | -6 | 75 | +9 | SE | 2 | b | * | - | 90 | 64 | | | | | |
| | Alexandria ... | 1017.5 | 75 | - | 0 | b | | | | | | | * | - | 73 | 55 | | | | | | |
| | Cairo (Helwan) ... | | * | WSW | | | | | | | | | | | | | | | | | | |

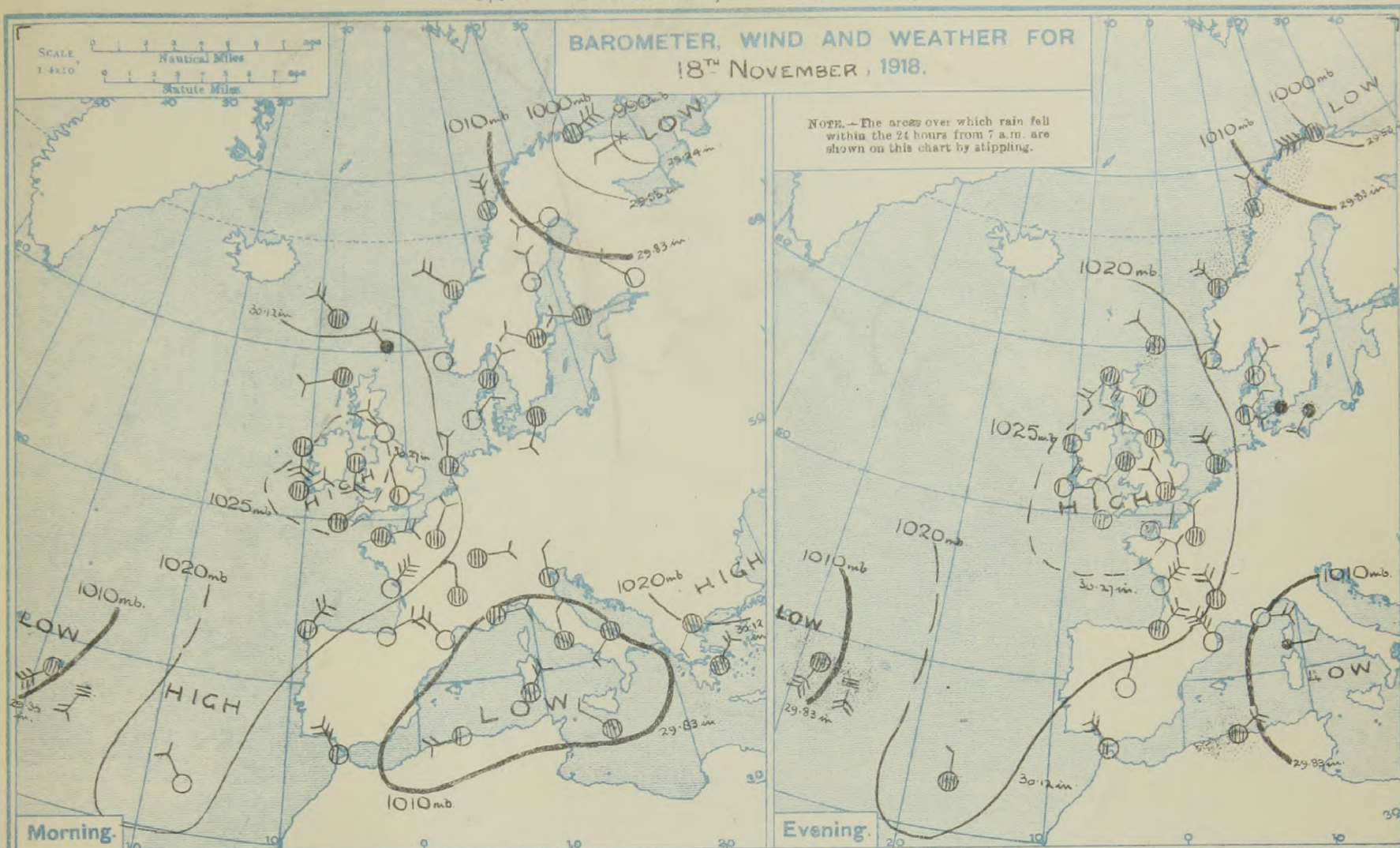
THE BEAUFORT SCALE OF WIND FORCE.

| No. | Limits of Velocity. | |
|-----|-------------------------|--------------------|
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0.3 |
| 1 | 1-3 | 0.3-1.5 |
| 2 | 4-7 | 1.6-3.3 |
| 3 | 8-12 | 3.4-5.4 |
| 4 | 13-18 | 5.5-7.9 |
| 5 | 19-24 | 8.0-10 |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20816.

TUESDAY, 19TH NOVEMBER, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 18TH November

| STATIONS. | | EVENING OF... 17th... | | | | | MORNING OF... 18th... | | | | | | | | | | MORNING OF... 18th... | | | | | |
|-----------|----------------|---------------------------------------|-----------|-------|----------------|----------|-----------------------------|--------------------------|----------------------|-----------------------------------|-------|----------------|-------------------------------------|----------|-----------|-----------|---------------------------------------|-------|----------------------|-----------------------------------|------|----------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND. | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. |
| | | | | Dir. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dir. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dir. | |
| RUSSIA. | Orlov ... | × | ° F. × | × | × | × | | | | | | | | | ° F. × | ° F. × | | | | | | |
| | Kem ... | × | × | × | × | × | | | | | | | | | × | × | | | | | | |
| | Archangel ... | × | × | × | × | × | | | | | | | | | × | × | | | | | | |
| | Mesen... | × | × | × | × | × | | | | | | | | | × | × | | | | | | |
| SWEDEN. | Haparanda ... | | | | | | 1005.6 | * | 37 | - | W 2 | | b | * | * | * | | | | | | |
| | Hernösand ... | | | | | | 1013.9 | * | 36 | - | N | 2 | b | * | * | * | | | | | | |
| | Stockholm ... | | | | | | 1016.2 | * | 34 | - | WNW | 2 | 0 | * | * | * | | | | | | |
| | Wisby ... | | | | | | 1016.3 | * | 43 | - | WSW | 2 | 0 | * | * | * | | | | | | |
| | Sordovalva ... | | | | | | 1009.1 | * | 37 | - | NW | 1 | 0 | * | × | × | | | | | | |
| | Hangö ... | | | | | | 1014.7 | * | 41 | - | WNW | 2 | 0 | * | * | * | | | | | | |
| ITALY. | Venice ... | | | | | | 1013.8 | × | 34 | -2 | N | 1 | bc | 1 | 39 | 34 | | | | | | |
| | Turin ... | | | | | | 1016.2 | × | 30 | -4 | - | 0 | b | - | 41 | 30 | | | | | | |
| | Pesaro ... | | | | | | 1013.9 | × | 37 | -2 | W | 1 | r | ? | ? | 36 | | | | | | |
| | Leghorn ... | | | | | | 1007.4 | × | 43 | 0 | NE | 1 | c | - | 48 | 41 | | | | | | |
| | Rome ... | | | | | | 1006.9 | × | 48 | +2 | N | 1 | 0 | ? | ? | 46 | | | | | | |
| | Viesti ... | | | | | | 1010.2 | × | 50 | +4 | SW | 1 | 0 | 14 | 52 | 39 | | | | | | |
| | Brindisi ... | | | | | | 1008.3 | × | 61 | - | SSE | 4 | 0 | - | 61 | 55 | | | | | | |
| | Cagliari ... | | | | | | 1005.5 | × | 57 | 0 | NE | 3 | c | ? | ? | ? | | | | | | |
| | Palermo ... | | | | | | 1006.9 | × | 63 | - | - | 0 | bc | - | 68 | 55 | | | | | | |
| | Tripoli ... | | | | | | | × | | | | | | | | | | | | | | |

| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. | | | |
|---------------------------------------------------------------------------------------------------|----------|--------|---------|
| 14th and 20th. Nov 1918. | Sunrise. | Noon. | Sunset. |
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7 22 | 11 38 | 3 55 |
| | 7 24 | 11 39 | 3 54 |
| Greenwich ... | 7 26 | 11 45 | 4 5 |
| | 7 28 | 11 46 | 4 4 |
| Wick ... | 8 12 | 11 57 | 3 43 |
| | 8 14 | 11 58 | 3 42 |
| Valencia ... | 8 9 | 12 26 | 4 44 |
| | 8 11 | 12 27 | 4 43 |

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

| 14 th and 20 th Nov 1918. | | Sunrise. | Noon. | Sunset. |
|-------------------------------------------------|-----|----------|--------|---------|
| | | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | ... | 7 22 | 11 38 | 3 55 |
| Greenwich ... | ... | 7 24 | 11 39 | 3 54 |
| Wick ... | ... | 7 26 | 11 45 | 4 5 |
| Valencia ... | ... | 8 12 | 11 57 | 3 43 |
| | | 8 14 | 11 58 | 3 42 |
| | | 8 9 | 12 26 | 4 44 |
| | | 8 11 | 12 27 | 4 43 |

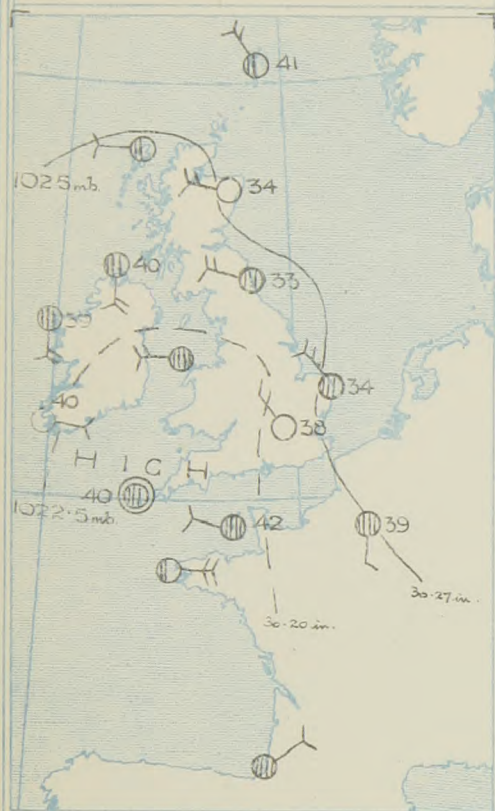
| LONDON | | HUMIDITY. | | Sun-shine for | TEMPERATURE. | | | Rain-fall. | WEATHER. | | |
|--------------------------------------|--|------------------|------------------|---------------|--------------|------|---------------|------------|----------|------------|-----------|
| | | 15 h. | 9 h. | | Max. | Min. | Min. on Grass | | Morning. | Afternoon. | Night. |
| 19 th November 9h. G.M.T. | | 18 th | 19 th | | °F. | °F. | °F. | | | | |
| GREENWICH (Royal Observatory) ... | | 79 | 90 | 0.0 | 44 | 35 | 25 | - | 0 | 0 | o, c, box |
| CITY (Bunhill Row) .. | | * | * | 0.0 | * | * | * | * | * | * | * |
| WESTMINSTER (St. James's Park) ... | | 79 | 91 | 0.0 | 45 | 33 | 29 | - | * | * | * |
| (Roof near Charing Cross) .. | | 81 | 91 | 0.0 | 44 | 37 | * | - | cm | 0 | o, bcm |
| CAMDEN SQ. (British Rainfall) .. | | 76 | 89 | 0.0 | 45 | 33 | 23 | - | 0 | 0 | * |
| KENSINGTON PALACE .. | | 77 | 89 | * | 44 | 36 | 26 | - | c | c | * |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|-----------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 18 th ... | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 179 | 5.7 | 10 |

19TH, NOV, at 1h. G.M.T.

THE MORNING OF TUESDAY, 19TH NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers.

TEMPERATURE.—Given in degrees Fahrenheit.

Isobars shown by dotted lines.

WEATHER.—Shows by the following symbols:—

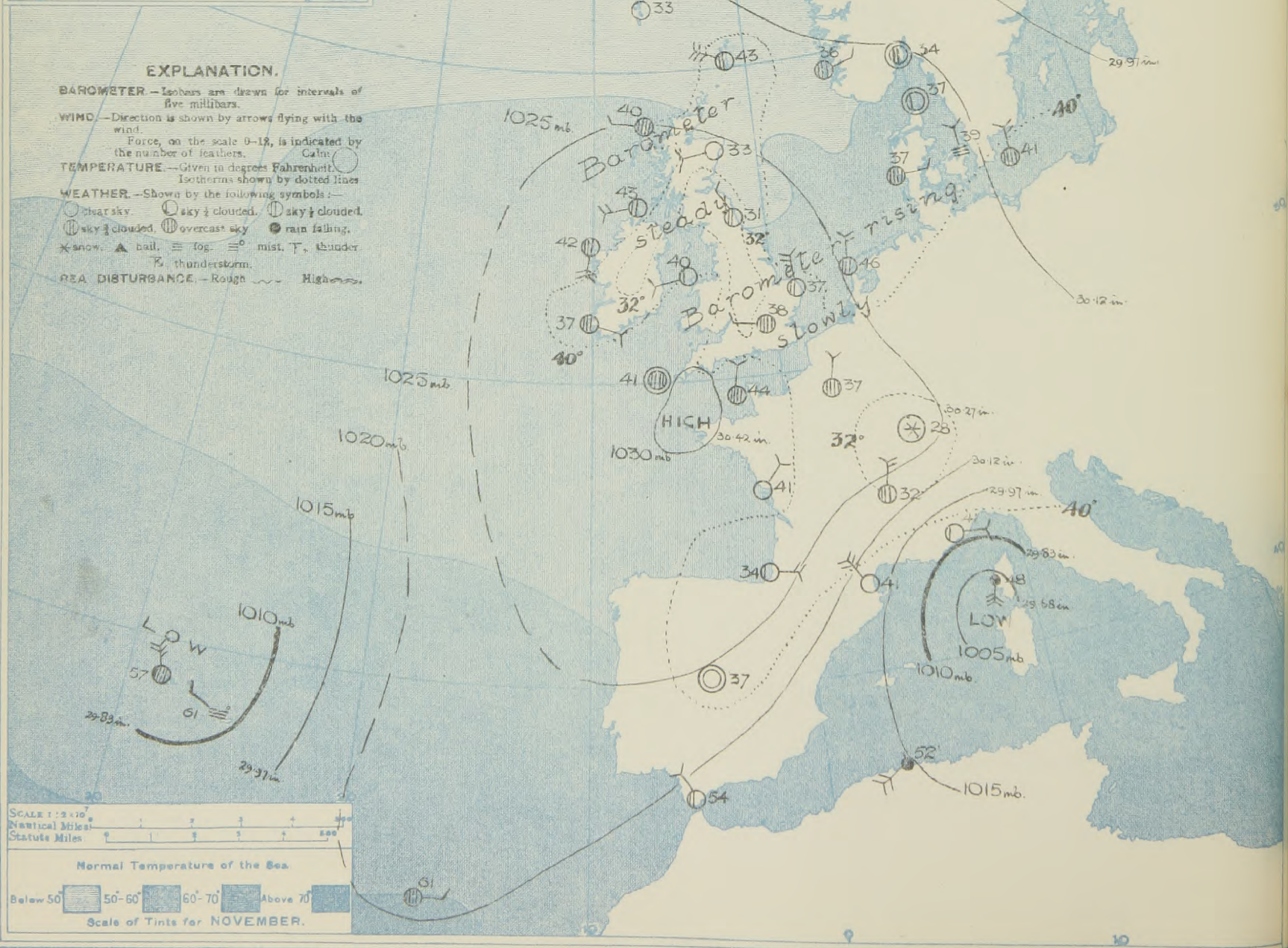
○ clear sky. ○ sky 3/4 clouded. ○ sky 1/2 clouded.

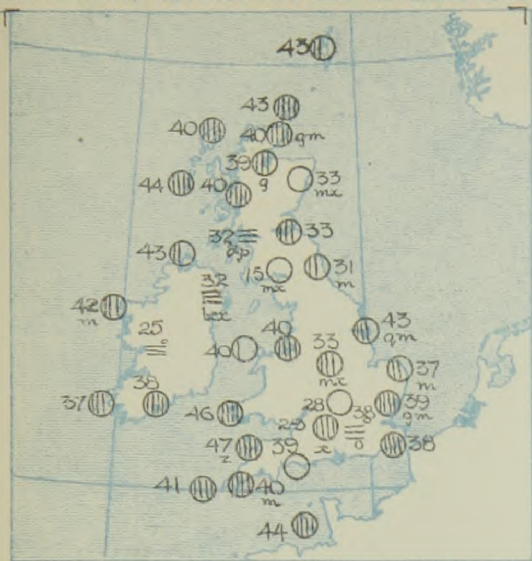
⊖ sky 3/4 clouded. ⊖ overcast sky. ● rain falling.

* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.

R, thunderstorm.

REA DISTURBANCE.—Rough. High.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

There was a sharp frost again at Eskdalemuir, the temperature falling to 15° . The minimum was 23° at Birr Castle, and 24° on Salisbury Plain. Six hours of bright sunshine were recorded at Eskdalemuir, Valencia, and Jersey, but there was none at many English and Scottish stations. Four millimetres of rain fell at Deerness, little or none elsewhere.

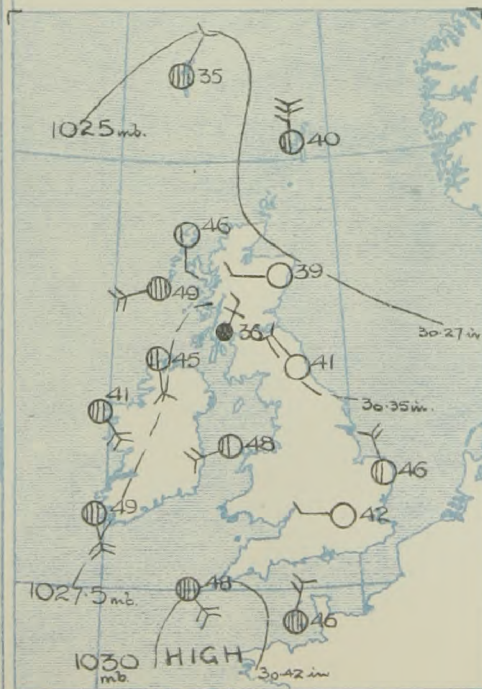
The Conditions at 7h. Today

There is still a large anticyclone over the British Isles, the barometric changes are slight, and do not indicate any important modification of the general situation. The wind is light and rather variable in direction, except in the Shetlands, where there is a fresh to strong wind from WNW. The weather is fine to dull with mist generally. The temperature has fallen to 15° at Eskdalemuir, and is below the freezing point at several other inland stations.

The Outlook

Light breezes, mainly from W. or NW, may be expected in all districts, and fair to dull weather with mist or fog. The temperature is likely to remain rather low, and there will be local frosts inland.

N.H.

TUESDAY, 19TH NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.

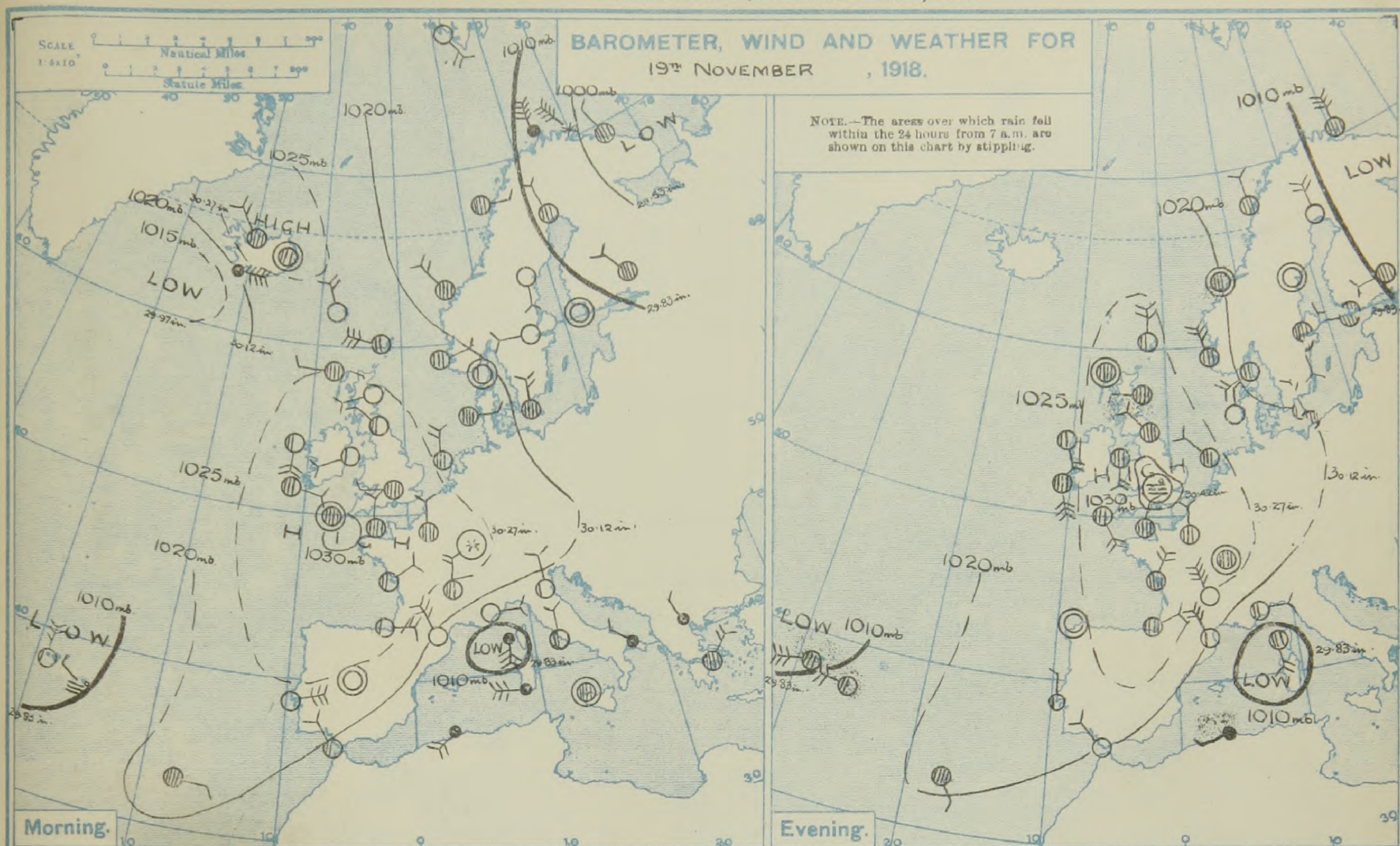
The anticyclone has increased very slightly in intensity since this morning, and there is less cloud. There are still no signs of any material change in the situation.

TUESDAY
1916 NOVEMBER.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,817.

WEDNESDAY, 20TH NOVEMBER, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 19TH NOVEMBER.

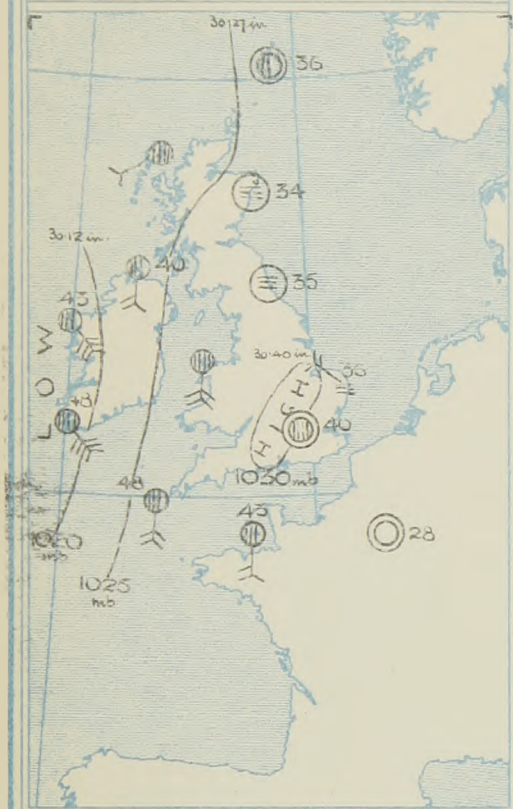
| STATIONS. | | EVENING OF 18 TH | | | | | MORNING OF 19 TH | | | | | | | | | | MORNING OF 19 TH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|----------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|-------------------------------------|----------|------|---------------|---------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------|----------|----------|----------------|--------|-----|------|-------|------|----------|---------------|--------|------|-------|------|--------------|-----|---------------|--------|-------|-----|-----|-----|-----|------|-------|-----|-----|-----|-----|------|-------|------|-----|-----|-----|------|-------|------|-----|-----|-----|------|-------|------|-----|-----|-----|------|-------|------|
| | | Barom. Milli- bars at M.S.L. | Temp. | WIND. | | Weather. | Barometer. | | Temp. | | WIND. | | Rain- fall. Milli- metres. | Temp. | | ICELAND. | Barom. Milli- bars at M.S.L. | Temp. | | WIND. | | Weather. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dirac. | | Force 0-12. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RUSSIA. | Orlov ... | x | * F. | x | x | x | | | | | | | | | * F. | * F. | Isafjord ... | 1026.3 | 25 | ? | NW | 3 | o | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Kem ... | x | x | x | x | x | | | | | | | | x | x | Reykjavik ... | | | | | | | | 1015.5 | 34 | ? | E | 6 | r | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Archangel ... | x | x | x | x | x | | | | | | | | x | x | | | | | | | | | | | | | | | Vestmanna ... | 1019.3 | 36 | ? | E | 9 | r | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Mesen ... | x | x | x | x | x | | | | | | | | x | x | | | | | | | | | | | | | | | | | | | | | | Thorshavn ... | 1023.3 | 33 | -6 | NNW | 3 | b | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SWEDEN. | Haparanda ... | 1004.8 | 28 | WSW | 4 | b | | x | | | | | | x | x | | x | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | 20 TH & 21 ST Nov. 1918. | | Sunrise. | Noon. | Sunset | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Hernösand ... | 1014.3 | 32 | N | 2 | b | | x | | | | | | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Stockholm ... | 1016.2 | 32 | WNW | 2 | o | | x | | | | | | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Wisby ... | 1016.0 | 39 | WSW | 2 | o | | x | | | | | | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sordovalva ... | 1008.2 | 34 | NW | 2 | o | | x | | | | | | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hangö ... | 1014.3 | 39 | — | o | o | | x | | | | | | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ITALY. | Venice ... | | | | | | | x | | | | | | | | | Yarmouth ... | ... | ... | G.M.T. | G.M.T. | G.M.T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Turin ... | 1020.6 | 37 | — | o | b | 1021.8 | x | 32 | +2 | — | o | b | — | 43 | 30 | | | | | | | Greenwich ... | ... | ... | 7.24 | 11.39 | 3.54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Pesaro ... | 1018.9 | 41 | W | 1 | r | 1018.9 | x | 48 | +11 | N | 2 | b | 14 | 48 | 37 | | | | | | | | | | | | | Wick ... | ... | ... | 7.26 | 11.39 | 3.52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Leghorn ... | | | | | | | x | | | | | | | | | | | | | | | | | | | | | | | | | | | Valencia ... | ... | ... | 7.28 | 11.46 | 4.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Rome ... | 1015.5 | 52 | N | 1 | o | 1015.0 | x | 46 | -2 | N | 2 | bc | 23 | 52 | 46 | | | | | | | | | | | | | | | | | | | | | | | | | ... | ... | ... | 7.29 | 11.46 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | Viesti ... | | | | | | | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ... | ... | ... | 8.14 | 11.58 | 3.42 | | | | | | | | | | | | | | | | | | |
| | Brindisi ... | 1017.2 | 57 | NE | 3 | o | 1015.2 | x | 56 | -5 | NW | 1 | r | 16 | 67 | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ... | ... | ... | 8.16 | 11.58 | 3.40 | | | | | | | | | | | | |
| | Cagliari ... | 1016.4 | 61 | SSE | 3 | c | 1015.7 | x | 55 | -2 | W | 6 | r | 6 | 72 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ... | ... | ... | 8.11 | 12.27 | 4.43 | | | | | | |
| | Palermo ... | 1015.8 | 67 | — | o | o | 1015.4 | x | 57 | -6 | — | o | o | — | 73 | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ... | ... | ... | 8.12 | 12.27 | 4.43 |
| | Tripoli ... | | | | | | | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| LONDON | | | | 24 HOURS ENDED 9 h. 20 TH | | | | | | | | | | SOUTH KENSINGTON (M.O.) | | |
|---------------------------------------|------|------------------|------------------|--------------------------------------|------|---------------|------------|----------|------------|--------|-------------------------------------------------------------------------------------|---------------|------------|-------------------------------------------------------------------------------------|---------------|------------|
| 20 TH November 9 h. G.M.T. | | | | TEMPERATURE. | | | Rain-fall. | WEATHER. | | | Vertical Component of Solar Radiation per square Centimetre during 19 TH | | | Vertical Component of Solar Radiation per square Centimetre during 20 TH | | |
| 15 h. | 9 h. | Humidity. | Sunshine for | Max. | Min. | Min. on Grass | | Morning. | Afternoon. | Night. | Total. | Average Rate. | Max. Rate. | Total. | Average Rate. | Max. Rate. |
| | | 19 TH | 19 TH | | | | mm. | | | | | | | | | |
| GREENWICH (Royal Observatory) | 93 | 100 | 0.0 | 42 | 31 | 29 | - | bz | bcz. o | f | | | | | | |
| CITY (Bunhill Row) | x | x | 0.0 | x | x | x | x | x | x | x | | | | | | |
| WESTMINSTER (St. James's Park) | 90 | 100 | 0.0 | 45 | 35 | 33 | - | x | x | x | | | | | | |
| " (Roof near Charing Cross) | 91 | 97 | 0.0 | 45 | 36 | x | - | bcn | cm | omf | | | | | | |
| CAMDEN SQ. (British Rainfall) | 92 | 100 | 0.0 | 45 | 33 | 26 | - | o | o | x | | | | | | |
| KENSINGTON PALACE | 86 | 97 | x | 45 | 35 | 26 | - | c | o | x | | | | | | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

20th, NOV, at 1h. G.M.T.

THE MORNING OF WEDNESDAY, 20th NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

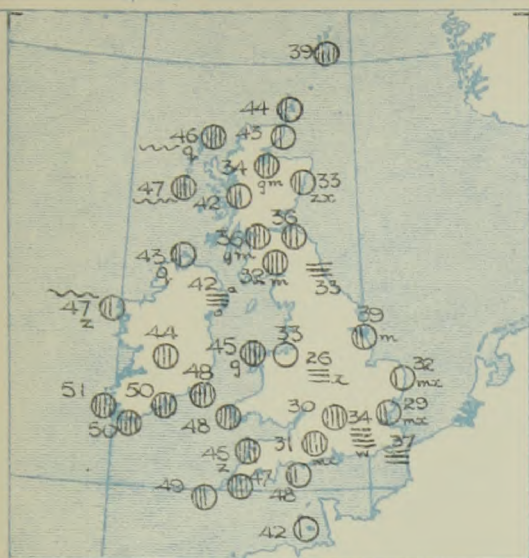
- BAROMETER.**—Isobars are drawn for interval of five millibars.
- WIND.**—Direction is shown by arrows flying with the wind.
Force, on the scale 0-12, is indicated by the number of feathers. Calm.
- TEMPERATURE.**—Given in degrees Fahrenheit.
Isotherms shown by dotted lines.
- WEATHER.**—Shown by the following symbols:—
 ☉ clear sky. ☁ sky & clouded. ☁ sky & clouded.
 ☁ sky & clouded. ☁ overcast sky. ☁ rain falling.
 ☁ snow. ☁ hail. ☁ fog. ☁ mist. ☁ thunder.
 ☁ thunderstorm.
- SEA DISTURBANCE.**—Rough. High.



SCALE 1:250,000
Nautical Miles
Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°
Scale of Tints for NOVEMBER.



NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

There was a fairly sharp frost at most inland stations. There was less sunshine than of late, $4\frac{1}{2}$ hours at Spurn Head and 4 hours at Yarmouth being the biggest totals. Drizzling rain during the day at Glasgow gave a total fall of 1 mm, but elsewhere there was either none or else only a trace. Fog formed at night generally over Eastern England.

The Conditions at 7h.

There is an anticyclone over England, having its centre over Surrey. A depression has moved up from near the Azores and is now off the west coast of Ireland. The wind has become strong from the south all along our western coasts, but is still very light and variable in direction over the inland districts of England. The weather is fair to foggy over Eastern England and in the north-west of Ireland, but is dull elsewhere. Rain has begun to fall in the Farøe. The temperature is near the freezing point over the eastern and inland districts of England, but has risen to 50° in the south of Ireland.

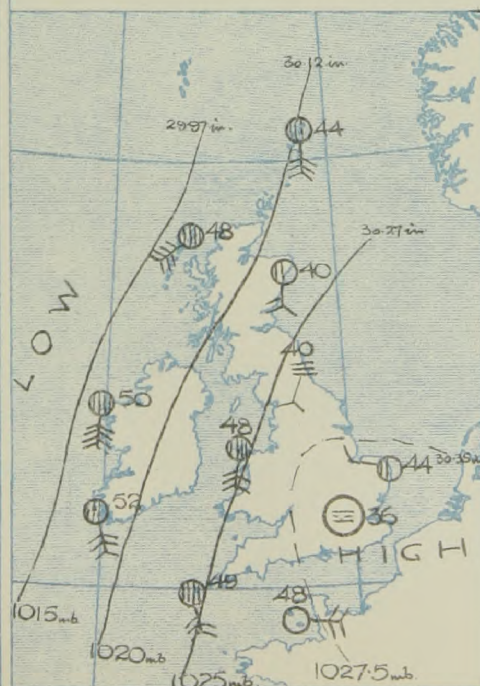
The Outlook

Over Scotland, Ireland, and the western half of England, fresh or strong S. to SW. winds; weather dull to showery and mild. Over the eastern half of England, light S. to SW. breezes, becoming moderate or fresh later; weather dull and less misty, with probably some rain tomorrow.

H.H.



WEDNESDAY, 20TH NOVEMBER, 1918, at 13h. (1 p.m.) G.M.T.



The barometer is now falling slowly in all districts. Reports just received from Iceland suggest that the depression to the west of Ireland is probably rather further out than appeared to be the case this morning, and rain is not likely in England within the next 24 hours, but may appear sooner in Scotland and Ireland.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 324. WEDNESDAY, 20TH NOVEMBER.

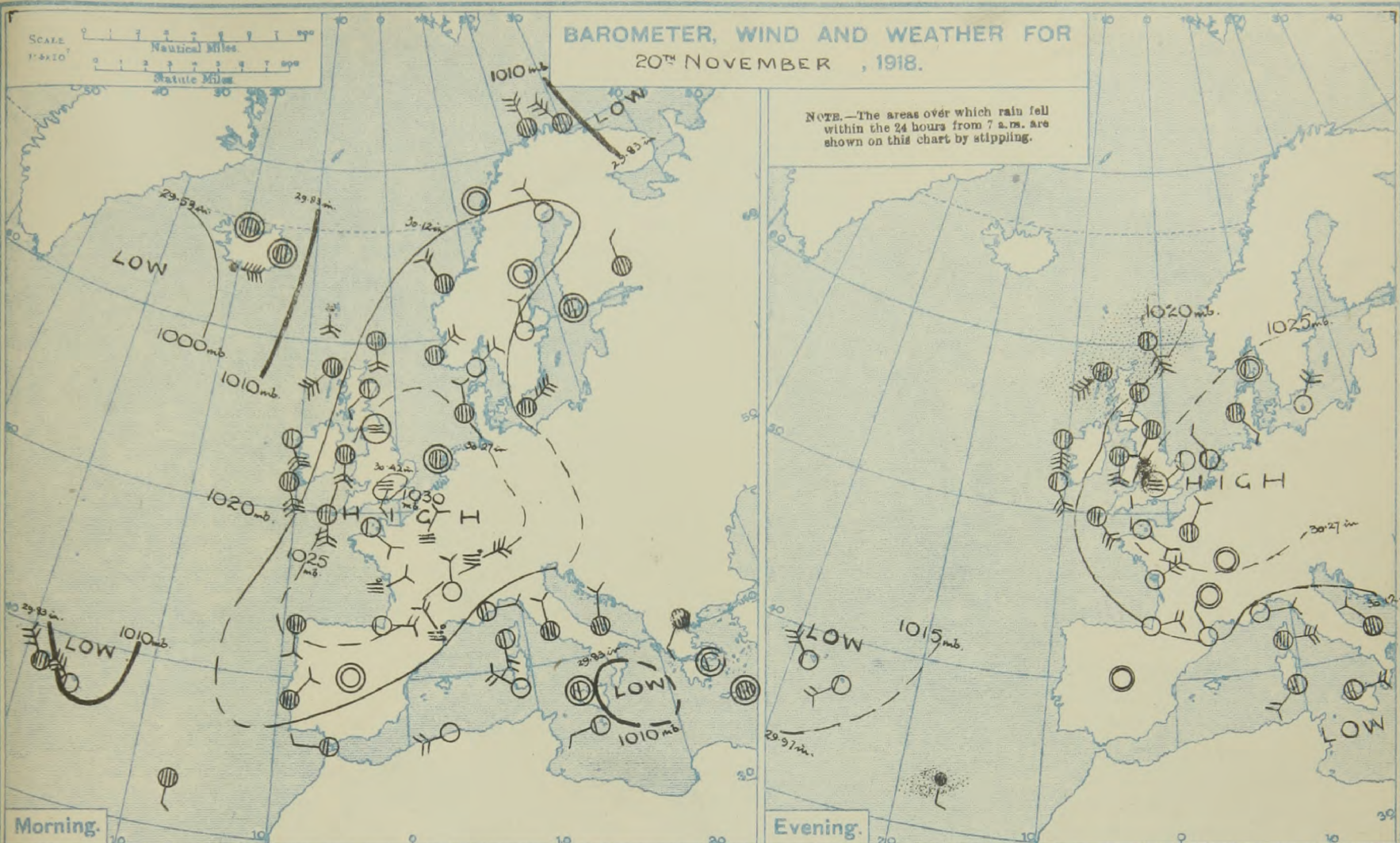
| STATIONS. | EVENING OF 19 TH ... | | | | | MORNING OF 20 TH ... | | | | | | | | | | 24 HOURS ENDED 7 h. 20 TH ... | | | | | | Sun- shine for 19 TH Hours. |
|----------------------------|---------------------------------------|--------------|--------|----------------|----------|---------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|------------------------------------------|------|-------------------------|-----------------------------------|-----------|-----------|----------------------------------------------------|
| | Barom. Milli- bars at M.S.L. | TEMP. °F. | WIND. | | Weather. | Milli- bars at M.S.L. | Change in 3 hours. | TEMP. °F. | Change in 24 hours. | WIND. | | Direc. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | |
| | | | Direc. | Force 0-12. | | | | | | Direc. | Force 0-12. | | | | | Max. | Min. | Morning. | Afternoon. | Night. | | |
| BRITISH ISLANDS. | Lerwick ... | 1025.7 | 36 | N | 4 | bc | 1022.7 | -2 | 39 | -4 | S | 4 | - | o | 3 | - | 44 | 33 | bc | bc | bc | * |
| | Deerness (Orkney) ... | 1025.7 | 42 | NE | 3 | bc | 1021.7 | * | 44 | +1 | S | 4 | S | bc | 3 | - | 46 | 39 | o.c. bc | bc | bcabc | 1.1 |
| | Stornoway ... | 1025.7 | 43 | - | 0 | om | 1018.9 | -4 | 46 | +6 | SW | 6 | - | og | 5 | - | 47 | 39 | c | om | og | 0.5 |
| | Castlebay (Barra Isd.) ... | 1025.7 | 47 | SSW | 3 | o | 1018.3 | -3 | 47 | +3 | SSE | 5 | - | o | 5 | - | 49 | 44 | o | opo | o | 0.0 |
| | Glasgow ... | 1028.4 | 38 | NNE | 1 | me | 1024.7 | -3 | 36 | +4 | ESE | 1 | S | omg | * | 1 | 38 | 32 | f. dp | mdp | mom | 0.0 |
| | Eskdalemuir ... | 1029.5 | 33 | SE | 1 | bcm | 1026.2 | -2 | 32 | +17 | - | 0 | - | om | * | 0.2 | 36 | 14 | om. cz | opm. cm | om. of | 0.0 |
| | Malin Head ... | 1024.9 | 40 | S | 2 | bcm | 1016.5 | -8 | 43 | 0 | S | 5 | S | bcg | 4 | - | 45 | 37 | bcm | bcm | bcg | 2.8 |
| | Blacksod Point ... | 1025.0 | 41 | SSE | 3 | bcz | 1014.0 | -3 | 47 | +5 | SSE | 6 | S | bcz | 5 | - | 47 | 39 | cm | oz | cz. bcz | * |
| | Valencia (Cahirciveen) ... | 1023.4 | 47 | SSE | 6 | o | 1017.5 | -1 | 51 | +14 | SSE | 6 | - | o | 0 | - | 51 | 36 | o. cz | c. oz | o | 1.2 |
| | Roche's Point ... | 1027.0 | 46 | SSW | 3 | b | 1022.5 | -1 | 50 | +12 | SSE | 5 | - | o | 5 | - | 50 | 37 | o | o. b | b. o | * |
| NORTHERN EUROPE. | Birr Castle ... | 1027.1 | 38 | S | 1 | o | 1020.8 | * | 44 | +19 | S | 2 | - | c | * | - | 48 | 24 | zo | zo | c | 0.5 |
| | Donaghadee ... | 1027.5 | 36 | SW | 2 | cf | 1022.9 | -2 | 42 | +10 | SSW | 2 | - | om | 1 | - | 44 | 31 | bcf | bcf | cm. ogm | * |
| | Liverpool (Bidston) ... | 1029.8 | 40 | SSW | 1 | b | 1027.2 | 0 | 33 | -7 | SSE | 2 | - | b | 1 | - | 44 | 33 | of bc | bm | c b | 2.7 |
| | Holyhead ... | 1028.6 | 41 | S | 3 | cz | 1025.3 | -1 | 45 | +5 | S | 4 | - | og | 3 | - | 48 | 39 | d. d. c | bc. c. bc | og | 3.5 |
| | Penbroke (St. Ann's) ... | 1029.4 | 47 | SSE | 3 | o | 1026.2 | -2 | 48 | +2 | S | 4 | - | o | 3 | - | 48 | 47 | o | o | o. bc | 0.0 |
| | Hartland Quay ... | 1029.8 | 42 | SSE | 2 | bz | 1027.0 | -1 | 45 | -2 | SE | 3 | - | oz | 2 | - | 48 | 37 | oz. | oz. bz | bz. oz | * |
| | Scilly (St. Mary's) ... | 1028.7 | 47 | SSE | 4 | o | 1025.3 | -1 | 49 | +8 | S | 5 | S | c | 4 | - | 49 | 41 | o | o. c | c | 0.0 |
| | Falmouth ... | 1029.3 | 45 | NNE | 3 | bm | 1026.7 | -1 | 47 | +7 | SSE | 3 | - | o | * | - | 50 | 39 | of bc | bm. bm | c. o | 1.8 |
| | Jersey (St. Aubin) ... | 1029.5 | 40 | NNE | 2 | om | 1028.1 | 0 | 42 | -2 | SE | 2 | SE | b | 2 | - | 48 | 36 | o. c. b | bm. om | ombw | 3.7 |
| | Portland Bill ... | 1029.6 | 43 | N | 2 | bcm | 1027.8 | 0 | 48 | +9 | SE | 3 | SE | bc | 3 | - | 48 | 37 | bcm | bm | bcm | * |
| FRANCE, &c. | Dungeness ... | 1028.9 | 39 | N | 3 | c | 1029.0 | 0 | 37 | -1 | N | 2 | - | f | 2 | - | 44 | 35 | o. c | c | c. of | * |
| | Wick ... | 1025.5 | 43 | WNW | 2 | om | 1021.6 | -3 | 43 | +3 | SW | 3 | - | bc | 2 | - | 44 | 37 | om | om | o. bcm | * |
| | Nairn ... | 1025.8 | 34 | - | 0 | bcm | 1021.5 | * | 34 | -5 | - | 0 | - | cgm | 0 | - | 42 | 29 | cg | c. bcm | bcm. x | 3.2 |
| | Aberdeen ... | 1026.9 | 37 | W | 1 | oz | 1024.1 | -1 | 33 | 0 | SW | 1 | - | bc. x | 1 | - | 39 | 31 | bc. x | bc. oz | o. bc. x | 3.5 |
| | Leith ... | 1027.4 | 40 | WSW | 1 | o | 1024.3 | -1 | 36 | +3 | WSW | 1 | - | c | 1 | 0.2 | 41 | 33 | cz. c. o | o | o. cpuc | * |
| | Tynemouth ... | 1027.4 | 40 | NW | 2 | om | 1026.8 | 0 | 33 | +2 | - | 0 | - | f | 2 | - | 43 | 33 | bm | om | f | * |
| | Spurn Head ... | 1028.8 | 41 | WNW | 1 | bcm | 1028.1 | -0 | 39 | -4 | WSW | 2 | - | bc. x | 3 | - | 43 | 35 | bcm | bcm | f. bcm | 4.5 |
| | Yarmouth (Gorleston) ... | 1029.0 | 41 | NNW | 2 | bm | 1029.1 | 0 | 32 | -5 | W | 2 | - | bm. x | 2 | - | 48 | 31 | bcm | bcm. bm | bm. bf | 4.0 |
| | Clacton-on-Sea ... | 1029.8 | 40 | NW | 2 | ogm | 1029.8 | 0 | 29 | -10 | WNW | 2 | - | bcm. x | 1 | - | 43 | 28 | og. bcm | bc. ogm | og. bm. x | 1.0 |
| | Nottingham ... | 1029.8 | 36 | W | 1 | f | 1029.2 | * | 26 | -7 | - | 0 | - | f. x | * | - | 38 | 24 | cf | bf | bf. x | 0.0 |
| IBERIA, &c. | Benson (Oxon.) ... | 1030.5 | 30 | - | 0 | b | 1028.8 | -1 | 30 | +2 | - | 0 | - | o | * | - | 41 | 25 | dm. o | b | bg. x. m | * |
| | Sth Farnborough ... | 1030.7 | 32 | N | 2 | bfe | 1030.2 | 0 | 31 | -3 | E | 2 | - | ofe | * | 0.2 | 42 | 28 | om. o | fm. fe | bofe | 0.9 |
| | Salisbury Plain ... | 1029.6 | -1 | 31 | +2 | - | 0 | - | 0 | - | 0 | - | - | o | * | - | 43 | 24 | fe. om. x | fe. om. x | fe. om. x | 7 |
| | London (Kew Obsy.) ... | 1030.6 | 40 | - | 0 | m | 1030.0 | 0 | 34 | -4 | SSW | 1 | - | fw | * | trace | 43 | 33 | om. om | bm. m | m. f. w | 0.4 |
| | Spitsbergen ... | 1007.3 | 21 | N | 6 | o | 1010.9 | +1 | 16 | ? | NW | 7 | - | o | 4 | * | 30 | 16 | THE BEAUFORT SCALE OF WIND FORCE. | | | |
| | Vardö ... | 1007.3 | 21 | N | 6 | o | 1010.9 | +1 | 16 | ? | NW | 7 | - | o | 4 | * | 30 | 16 | | | | |
| | Gjesvær ... | 1014.7 | 32 | N | 2 | c | 1019.7 | +3 | 25 | -5 | - | 0 | - | b | 1 | ? | 30 | 23 | Limits of Velocity. | | | |
| | Bodö ... | 1020.4 | 36 | - | 0 | c | 1024.6 | +1 | 36 | +3 | NW | 3 | - | o | 3 | 9 | 37 | 36 | | | | |
| | Christiansund ... | 1021.5 | 39 | NNW | 5 | c | 1024.2 | +1 | 37 | +1 | NE | 4 | - | o | 2 | - | 46 | 36 | No. | | | |
| | Skudesnaes ... | 1021.5 | 39 | NNW | 5 | c | 1024.2 | +1 | 37 | +1 | NE | 4 | - | o | 2 | - | 46 | 36 | | | | |
| Færder (X'ianta Fjord) ... | 1014.9 | 45 | W | 6 | b | 1024.7 | +3 | 36 | +2 | NE | 2 | - | c | 1 | - | 45 | 34 | Statute miles per hour. | | | | |
| The Scaw (Skagen) ... | 1018.1 | 43 | SW | 3 | bc | 1023.7 | +4 | 36 | -1 | NE | 3 | - | b | 3 | - | 46 | 34 | | | | | |
| Blaavands Huk ... | 1024.4 | 43 | N | 1 | b | 1024.7 | +2 | 43 | +6 | N | 2 | - | o | * | - | 46 | 36 | Metres per second. | | | | |
| Copenhagen ... | 1023.0 | 39 | NNW | 1 | o | 1022.7 | +6 | 37 | -2 | NNE | 4 | - | bc | * | - | 41 | 36 | | | | | |
| Bornholm ... | 1021.2 | 37 | NNW | 2 | o | 1018.7 | +5 | 39 | -2 | NNE | 7 | - | o | 1 | - | 43 | 34 | Less than 1 | | | | |
| The Helder ... | 1027.5 | 46 | NW | 2 | c | 1027.9 | 0 | 43 | -3 | - | 0 | NE | c | 1 | - | 48 | 36 | | | | | |
| MEDITERRANEAN. | C. Gris Nez ... | 1028.7 | 45 | N | 2 | bc | 1029.5 | +1 | 45 | +4 | NE | 1 | * | m | 1 | 2 | 45 | 39 | 1 | | | |
| | La Hève ... | 1029.3 | 41 | SE | 2 | m | 1029.9 | 0 | 37 | -2 | SE | 1 | * | m | * | - | 45 | 34 | | | | |
| | Brest (St. Mathieu) ... | 1029.9 | 45 | ESE | 3 | c | 1027.4 | -1 | 45 | +4 | SE | 5 | * | bc | * | - | 50 | 41 | 2 | | | |
| | Rochefort (Ile d'Aix) ... | 1029.0 | 45 | NNE | 4 | o | 1027.1 | -0 | 39 | -2 | ENE | 3 | * | m | * | - | 45 | 36 | | | | |
| | Biarritz ... | 1026.9 | 46 | ENE | 2 | o | 1025.9 | 0 | 36 | +2 | E | 3 | * | b | * | - | 48 | 32 | 3 | | | |
| | Paris ... | 1028.8 | 39 | N | 2 | b | 1029.6 | +2 | 32 | -5 | NNE | 2 | * | f | * | - | 45 | 32 | | | | |
| | Belfort ... | 1027.5 | 32 | - | 0 | o | * | * | * | * | * | * | * | * | * | - | 45 | 32 | 4 | | | |
| | Lyons ... | 1022.4 | 37 | NNW | 7 | b | 1024.8 | +1 | 32 | 0 | N | 2 | * | b | * | - | 39 | 30 | | | | |
| | Nice ... | 1011.7 | 46 | E | 2 | bc | 1016.8 | +3 | 45 | +4 | E | 2 | * | bc | * | - | 54 | 41 | 5 | | | |
| | Perpignan ... | 1019.9 | 45 | NW | 5 | b | 1021.0 | +1 | 41 | 0 | NW | 3 | * | m | * | - | 48 | 41 | | | | |
| Sanguinaire ... | 1006.3 | 55 | S | 3 | o | * | * | * | * | * | * | * | * | * | - | 48 | 41 | 6 | | | | |
| Corunna ... | 1023.5 | 55 | - | 0 | b | 1025.7 | -1 | 43 | ? | S | 2 | NW | o | 2 | - | 59 | 41 | | | | | |
| | Madrid ... | 1021.7 | 55 | N | 2 | b | 1020.0 | -1 | 46 | ? | NE | 2 | - | o | 6 | - | 55 | 46 | 7 | | | |
| | Lisbon ... | 1009.7 | * | WSW | 6 | c | 1010.4 | +6 | 58 | +1 | NW | 5 | * | o | 4 | 2 | 64 | 57 | | | | |
| | Azores (Horta) ... | 1011.3 | * | W | 4 | bc | 1008.4 | +0 | 61 | 0 | WNW | 6 | * | b | 6 | 66 | 61 | 8 | | | | |
| | „ (P. Delgada) ... | 1020.6 | 66 | SE | 1 | o | 1019.5 | -1 | 61 | 0 | S | 1 | N | o | 1 | - | 70 | | | | | 61 |
| | Madeira ... | 1020.0 | 53 | NW | 2 | b | 1019.3 | * | 47 | -7 | W | 1 | * | bc | 1 | - | 64 | 45 | 9 | | | |
| | Gibraltar ... | 1016.4 | 54 | WSW | 1 | Y | 1017.5 | 0 | 52 | 0 | WSW | 4 | - | b | 4 | 14 | 61 | 50 | | | | |
| | Malta ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | 48 | 41 | 10 | | | |
| | Salonica ... | 1007.5 | 52 | NW | 2 | Y | 1011.1 | +3 | 49 | ? | SW | 1 | SW | o | * | 14 | 54 | 46 | | | | |
| | Athens ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | 73 | 57 | 11 | | | |
| | Candia ... | 1018.0 | 72 | ESE | 2 | b | 1017.0 | +0 | 66 | +3 | ESE | 2 | - | b | 1 | - | 82 | 63 | | | | |
| Limassoi ... | 1017.5 | 77 | E | 2 | b | 1016.2 | +1 | 70 | +6 | - | 0 | - | b | * | - | 93 | 64 | 12 | | | | |
| Alexandria ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | 73 | 57 | | | | | |
| Cairo (Helwan) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | 73 | 57 | 12 | | | | |
| Jerusalem ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | 73 | 57 | | | | | |
| Ramleh ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | 73 | 57 | 12 | | | | |
| | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | 73 | 57 | | | | | |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,818.

THURSDAY, 21ST NOVEMBER, 1918.

BAROMETER, WIND AND WEATHER FOR 20TH NOVEMBER, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 20TH NOVEMBER.

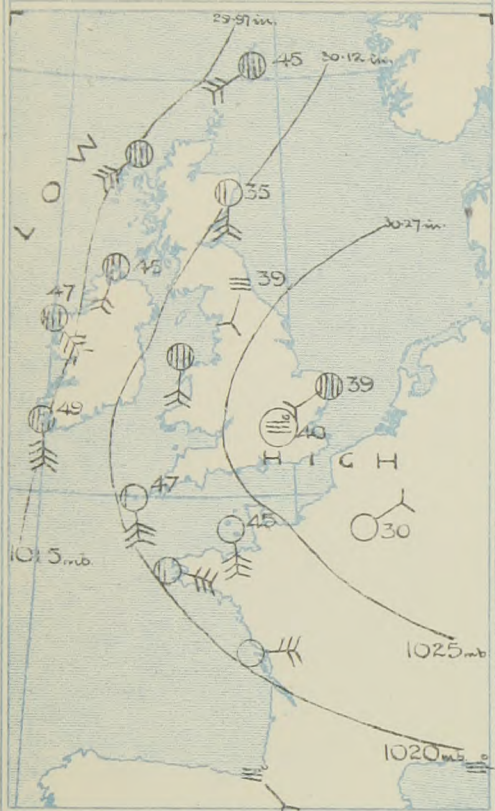
| STATIONS. | | EVENING OF 19 TH | | | | | MORNING OF 20 TH | | | | | | | | | | MORNING OF 20 TH | | | | | | |
|-----------|---------------|---------------------------------------|-------|----------------|---|----------|-----------------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|-------|------|----------|-----------------------------------------------------------------------------------------------------|----------|--------------|---------------------------|--------|----------|----------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Force 0-12. | | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Direc. | Force 0-12. | | | Max. | | | Min. | Dry Bulb. | Change in 24 hours. | Direc. | | Force 0-12. |
| | | | ° F. | Direc. | | | | ° F. | ° F. | | | | | ° F. | ° F. | | | ° F. | ° F. | | | | |
| RUSSIA. | Orlov ... | * | * | * | * | * | | | | | | | | * | * | | Isafjord ... | 1002.6 | 37 | +12 | - | 0 | o |
| | Kem ... | * | * | * | * | * | | | | | | | | * | * | | Reykjavik | 999.9 | 41 | +7 | E | 7 | c |
| | Archangel | * | * | * | * | * | | | | | | | | * | * | | Vestmanna | 1000.2 | 39 | +3 | E | 9 | r |
| | Mesen ... | * | * | * | * | * | | | | | | | | * | * | | Seydisfjord | 1009.2 | 36 | +8 | - | 0 | c |
| SWEDEN. | Haparanda ... | 1013.0 | 19 | ? | 4 | b | 1020.8 | * | 18 | - | NW | 2 | b | * | * | * | Thorshavn | 1015.8 | 44 | +11 | S | 4 | r |
| | Hernösand ... | 1015.1 | 25 | - | 0 | b | 1020.4 | * | 21 | - | - | 0 | b | * | * | * | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | |
| | Stockholm ... | 1015.8 | 30 | SSW | 2 | o | 1019.5 | * | 38 | - | N | 2 | b | * | * | * | 21 ST AND 22 ND NOV. 1918. | Sunrise. | Noon. | Sunset. | | | |
| | Wisby ... | 1017.3 | 27 | N | 2 | b | 1015.1 | * | 36 | - | NE | 8 | b | * | * | * | G.M.T. | G.M.T. | G.M.T. | | | | |
| | Sordovalä ... | 1009.7 | 28 | W | 2 | o | 1015.1 | * | 25 | - | N | 1 | o | * | * | * | Yarmouth ... | 7.26 | 11.39 | 3.52 | | | |
| | Hangö ... | 1015.1 | 34 | - | 0 | o | 1015.7 | * | 28 | - | - | 0 | bc | * | * | * | Greenwich ... | 7.28 | 11.39 | 3.50 | | | |
| ITALY. | Venice ... | 1016.7 | 39 | E | 1 | b | 1021.9 | * | 30 | - | E | 2 | m | 4 | 46 | 30 | Wick ... | 7.29 | 11.46 | 4.1 | | | |
| | Turin ... | 1018.1 | 37 | - | 0 | b | 1022.9 | * | 34 | +2 | - | 0 | b | - | 45 | 32 | Valencia ... | 7.31 | 11.46 | 4.0 | | | |
| | Pesaro ... | 1014.2 | 50 | NNE | 7 | o | 1018.9 | * | 46 | -2 | NE | 5 | o | - | 63 | 45 | | | | | | | |
| | Leghorn ... | 1010.9 | 48 | E | 2 | o | 1015.7 | * | 46 | - | E | 3 | bc | - | 50 | 45 | | | | | | | |
| | Rome ... | 1007.5 | 50 | N | 1 | r | 1011.1 | * | 48 | +2 | N | 2 | o | 5 | 55 | 48 | | | | | | | |
| | Viesti ... | 1006.9 | 52 | WNW | 3 | o | 1014.5 | * | 50 | - | NNE | 2 | o | 5 | 54 | 43 | | | | | | | |
| | Brindisi ... | 1005.9 | 54 | NW | 2 | b | 1011.1 | * | 55 | -1 | NW | 4 | o | 20 | 57 | 54 | | | | | | | |
| | Cagliari ... | 1006.9 | 57 | SSW | 5 | o | 1011.0 | * | 55 | 0 | NW | 3 | b | 3 | 68 | 50 | | | | | | | |
| | Palermo ... | 1005.4 | 57 | - | 0 | o | 1010.1 | * | 54 | -3 | - | 0 | bc | 22 | 75 | 50 | | | | | | | |
| | Tripoli ... | | | | | | | | | | | | | | | | | | | | | | |

| LONDON | | | 24 HOURS ENDED 9 h. 21 ST | | | | | | | | SOUTH KENSINGTON (M.O.) | | | | |
|--------------------------------------------------------------------------------|--|--|--------------------------------------------|------------------|----------------------|--------------|------|------------------|----------------------------------------------------------------------------------------------|----------|-------------------------|---------------|--|-------------|--|
| 21 ST NOVEMBER 9h. G.M.T. | | | HUMIDITY. | | Sun- shine for | TEMPERATURE. | | | Rain- fall. | WEATHER. | | | | | |
| | | | 15 h. | 9 h. | | Max. | Min. | Min. on Grass | | Morning. | Afternoon. | Night. | | | |
| | | | 20 TH | 21 ST | 20 TH | | | | | | | | | | |
| | | | % | % | Hours. | ° F. | ° F. | ° F. | mm. | | | | | | |
| GREENWICH (Royal Observatory) | | | 100 | 100 | 0.0 | 39 | 31 | 30 | — | f | f | f | | | |
| CITY (Bunhill Row) | | | * | * | 0.0 | * | * | * | * | * | * | * | | | |
| WESTMINSTER (St James's Park) | | | 91 | 92 | 0.0 | 43 | 34 | 32 | — | * | * | * | | | |
| " (Roof near Charing Cross) | | | 91 | 93 | 0.0 | 43 | 36 | * | — | of | f | fe | | | |
| CAMDEN SQ. (British Rainfall) | | | 100 | 100 | 0.0 | 41 | 35 | 30 | — | f | f | * | | | |
| KENSINGTON PALACE | | | 91 | 100 | * | 40 | 34 | 28 | — | f | f | * | | | |
| NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens. | | | | | | | | | | | | | | | |
| | | | | | | | | | Vertical Component of Solar Radiation per square Centimetre during 20 TH | | | | | | |
| | | | | | | | | | Total. | | | Average Rate. | | Max. Rate. | |
| | | | | | | | | | Joules. | | | Milliwatts. | | Milliwatts. | |
| | | | | | | | | | 41 | | | 1.3 | | 5 | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

21ST, NOV, at 1h. G.M.T.

THE MORNING OF THURSDAY, 21ST NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers. Calm.

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

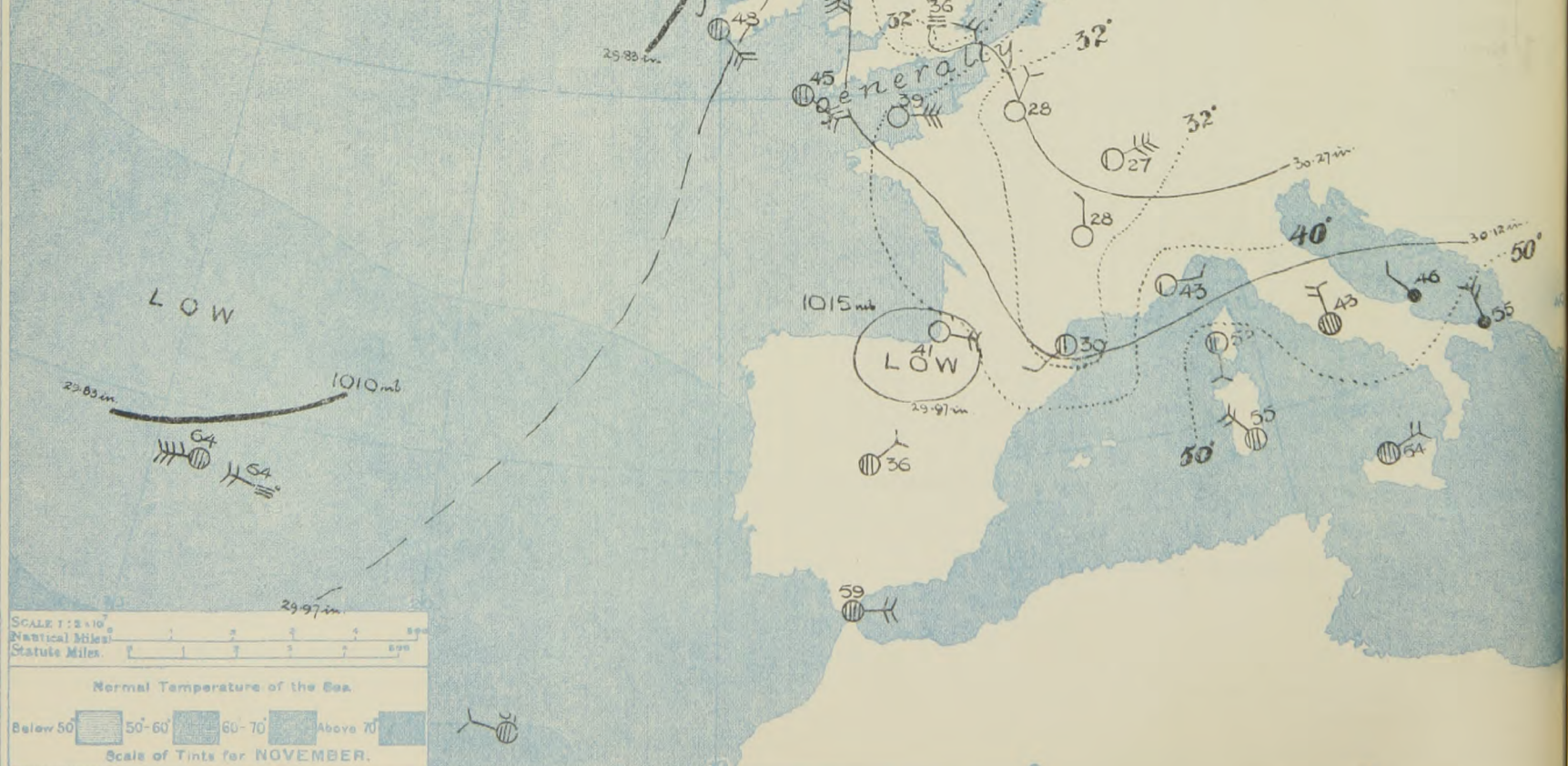
WEATHER.—Shown by the following symbols:—

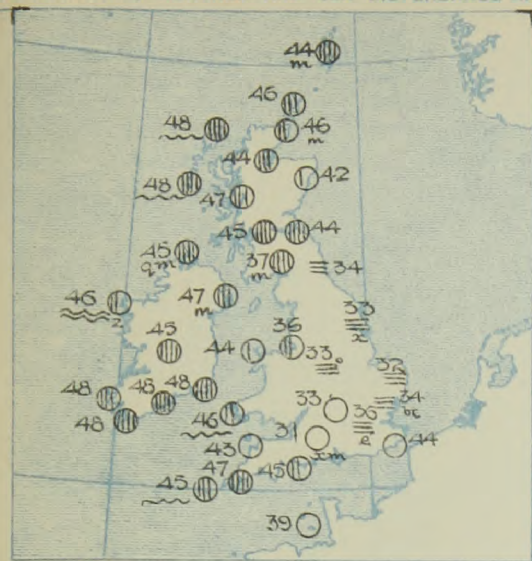
○ clear sky. ○ sky & clouded. ○ sky & clouded.

○ sky & clouded. ○ overcast sky. ○ rain falling.

* snow. ▲ fog. ≡ mist. T, thunder.

SEA DISTURBANCE.—Rough ~~~~~ High ~~~~~





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

There was a sharp frost at Nottingham, the minimum being 24° , and slight frost at several other English stations. Further west mild conditions prevailed. Rainfall amounting to 1 mm. fell at Lerwick, Deerness and Castlebay. Seven hours of bright sunshine occurred at Jersey, and 5 hours at Malin Head and Yarmouth. There was much fog over England.

The Conditions at 7h. Today

The anticyclone has moved away to the Baltic. There is a depression off the north-west coast of Ireland which is gradually spreading eastwards. The wind is fresh or strong from S. or SE. over the western half of the United Kingdom, but is still rather light over the eastern counties of England. Rain is still falling in the Faröe, but has not so far commenced at any of the home stations. Fog is general over the Midland and Eastern districts of England. The sky is nearly clear at some stations, even as far west as Blacksod Point. The temperature is only 29° at South Farnborough and 31° on Salisbury Plain, but is between 45° and 50° in the west.

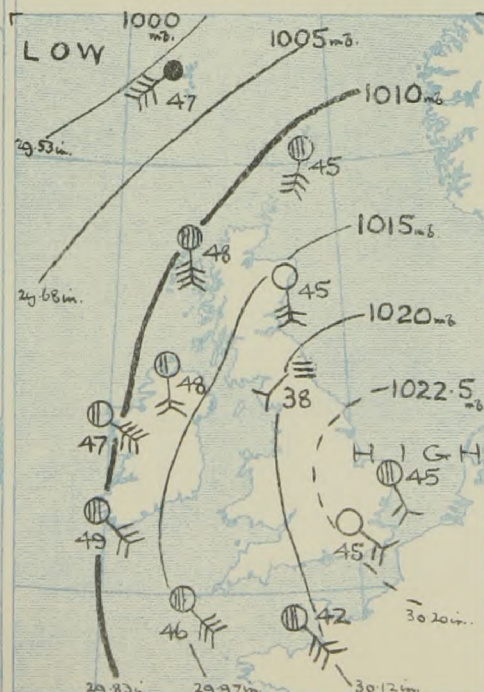
The Outlook

Over the United Kingdom generally S. or SW. winds, strong in the west, but moderate or fresh over Eastern England. Weather fair to dull, with rain before long in the west. Temperature continuing rather mild in the west, and becoming warmer over England.

H.H.

THURSDAY, 21st

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



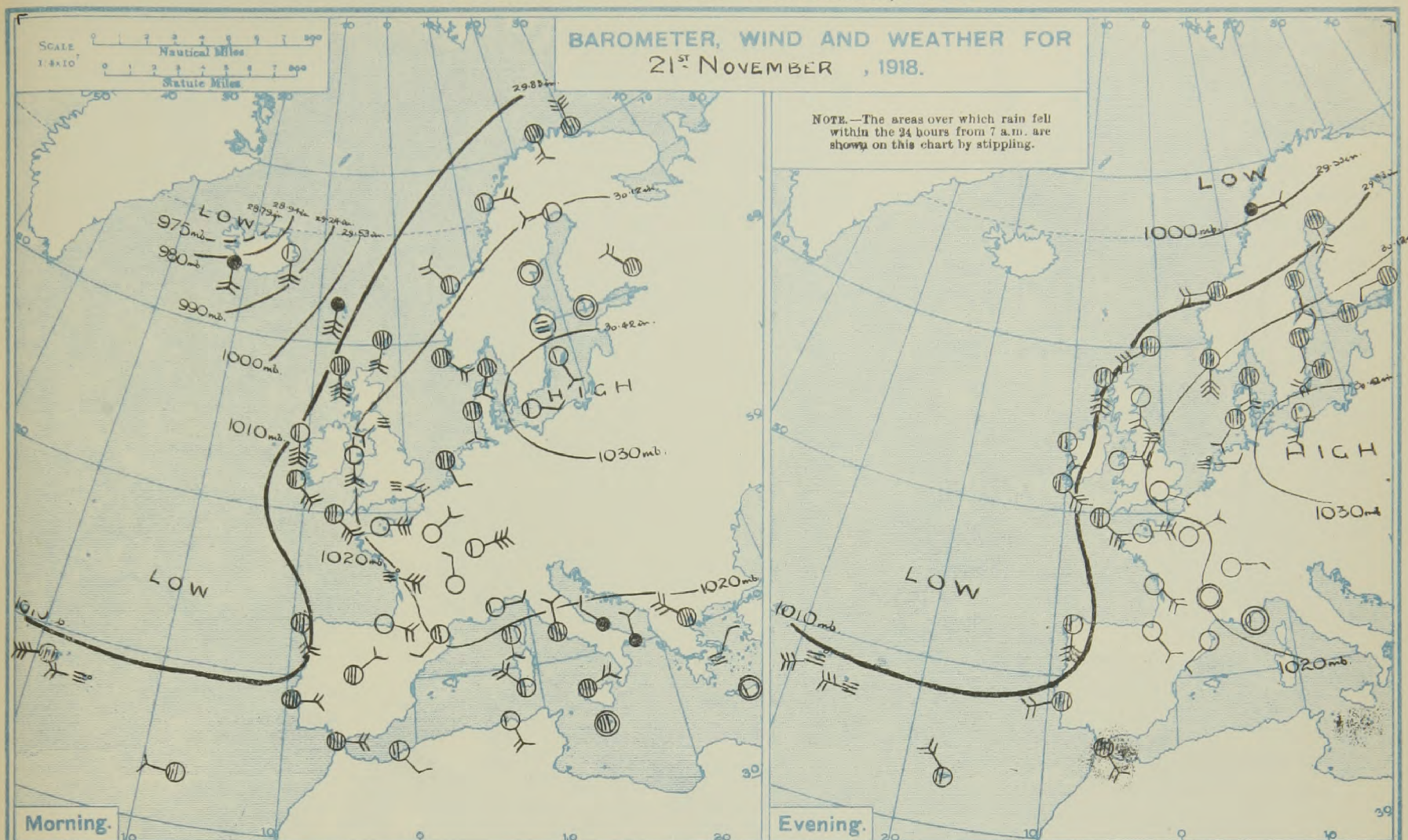
The depression is still spreading slowly in from the Atlantic, and the wind is now S. or SE. as far east as Yarmouth.

THURSDAY
21ST NOV.

ΕΙΣ

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,819. FRIDAY, 22ND NOVEMBER, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 21ST NOVEMBER.

| STATIONS. | | EVENING OF 20 TH | | | | | MORNING OF 21 ST | | | | | | | | | | MORNING OF 21 ST | | | | | | |
|-----------|---------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|-------|---------------|---------------------------|--------|----------|----------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min | Dry. Bulb. | Change in 24 hours. | Dirac. | | Force 0-12. |
| | | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. |
| RUSSIA. | Orlov ... | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| | Kem ... | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| | Archangel ... | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| | Mesen ... | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| SWEDEN. | Haparanda ... | 1023.5 | 10 | NW | 2 | b | 1019.7 | x | 10 | -8 | W | 2 | b | x | x | x | | | | | | | |
| | Hernösand ... | 1025.0 | 19 | N | 2 | b | 1025.6 | x | 18 | -3 | — | 0 | b | x | x | x | | | | | | | |
| | Stockholm ... | 1026.0 | 23 | W | 2 | b | 1029.3 | x | 21 | -17 | — | 0 | f | x | x | x | | | | | | | |
| | Wisby ... | 1024.3 | 30 | N | 4 | b | 1030.3 | x | 30 | -6 | SSE | 2 | b | x | x | x | | | | | | | |
| | Sordovala ... | | | | | | 1023.9 | x | 16 | -9 | NW | 3 | o | x | x | x | | | | | | | |
| | Hangö ... | | | | | | 1028.6 | x | 18 | -10 | — | 0 | b | x | x | x | | | | | | | |
| ITALY. | Venice ... | | | | | | x | | | | | | | | | | | | | | | | |
| | Turin ... | 1024.1 | 37 | — | 0 | b | 1025.1 | x | 34 | 0 | — | 0 | o | — | 45 | 30 | | | | | | | |
| | Pesaro ... | | | | | | x | | | | | | | | | | | | | | | | |
| | Leghorn ... | | | | | | x | | | | | | | | | | | | | | | | |
| | Rome ... | 1016.1 | 46 | N | 1 | o | 1016.9 | x | 43 | -5 | N | 2 | o | — | 55 | 41 | | | | | | | |
| | Viesti ... | 1017.1 | 50 | NW | 2 | o | 1018.6 | x | 46 | -4 | NW | 1 | r | Trace | 54 | 41 | | | | | | | |
| | Brindisi ... | 1017.1 | 55 | NNW | 5 | r | 1016.1 | x | 55 | 0 | N | 2 | r | 2.0 | 57 | 54 | | | | | | | |
| | Cagliari ... | 1010.9 | 59 | SW | 3 | bc | 1016.3 | x | 55 | 0 | NW | 4 | c | — | 70 | 52 | | | | | | | |
| | Palermo ... | 1012.6 | 54 | E | 3 | bc | 1015.7 | x | 54 | 0 | ENE | 3 | o | — | 63 | 46 | | | | | | | |
| | Tripoli ... | | | | | | x | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------|--|----------|--------|---------|--|--|--|--|--|--|--|
| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | | | | | |
| 22 ND AND 23 RD Nov 1918. | | Sunrise. | Noon. | Sunset. | | | | | | | |
| | | G.M.T. | G.M.T. | G.M.T. | | | | | | | |
| Yarmouth ... | | 7.28 | 11.39 | 3.50 | | | | | | | |
| Greenwich ... | | 7.29 | 11.39 | 3.49 | | | | | | | |
| Wick ... | | 7.32 | 11.46 | 4.0 | | | | | | | |
| Valencia ... | | 8.18 | 11.58 | 3.38 | | | | | | | |
| | | 8.20 | 11.58 | 3.36 | | | | | | | |
| | | 8.14 | 12.27 | 4.40 | | | | | | | |
| | | 8.15 | 12.27 | 4.40 | | | | | | | |

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

| 22 ND AND 23 RD Nov 1918. | Sunrise. | Noon. | Sunset. |
|-------------------------------------------------|----------|--------|---------|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7.28 | 11.39 | 3.50 |
| Greenwich ... | 7.29 | 11.39 | 3.49 |
| Wick ... | 7.32 | 11.46 | 4.10 |
| Valencia ... | 8.18 | 11.58 | 3.38 |
| | 8.20 | 11.58 | 3.36 |
| | 8.14 | 12.27 | 4.40 |
| | 8.15 | 12.27 | 4.39 |

| LONDON | HUMIDITY. | | Sun-shine for 24 hours. | TEMPERATURE. | | | Rain-fall. | WEATHER. | | |
|---------------------------------------|------------------|------------------|-------------------------|--------------|------|----------------|------------|----------|------------|--------|
| | 15 h. | 9 h. | | Max. | Min. | Min. on Grass. | | Morning. | Afternoon. | Night. |
| 22 ND Nov 1918. 3h. G.M.T. | 21 ST | 22 ND | 2 ND | °F. | °F. | °F. | mm. | | | |
| GREENWICH (Royal Observatory) | 75 | 95 | 5.6 | 46 | 29 | 17 | — | bf | b | bmx |
| CITY (Bunhill Row) | x | x | 1.1 | x | x | x | x | x | x | x |
| WESTMINSTER (St. James's Park) | 74 | 89 | 3.0 | 47 | 35 | 30 | — | x | x | x |
| (Roof near Charing Cross) | 70 | 83 | 2.0 | 47 | 36 | x | — | b, fe | bm | bmx |
| CAMDEN SQ. (British Rainfall) | 72 | 94 | 0.0 | 45 | 31 | 27 | trace | o | o | x |
| KENSINGTON PALACE | 72 | 92 | x | 46 | 34 | 23 | — | oz | bc, b | x |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

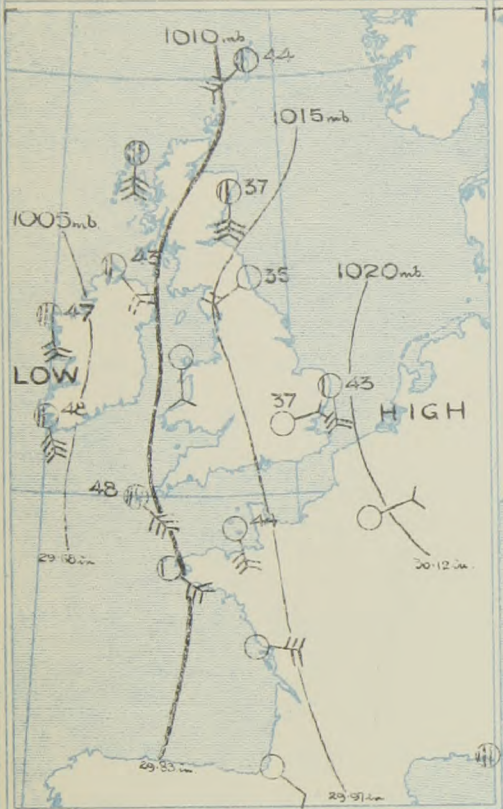
SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 21ST.

| Total. | Average Rate. | Max. Rate. |
|---------|---------------|-------------|
| Joules. | Milliwatts. | Milliwatts. |
| — | — | — |

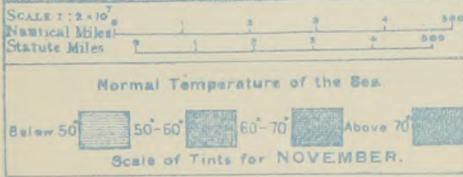
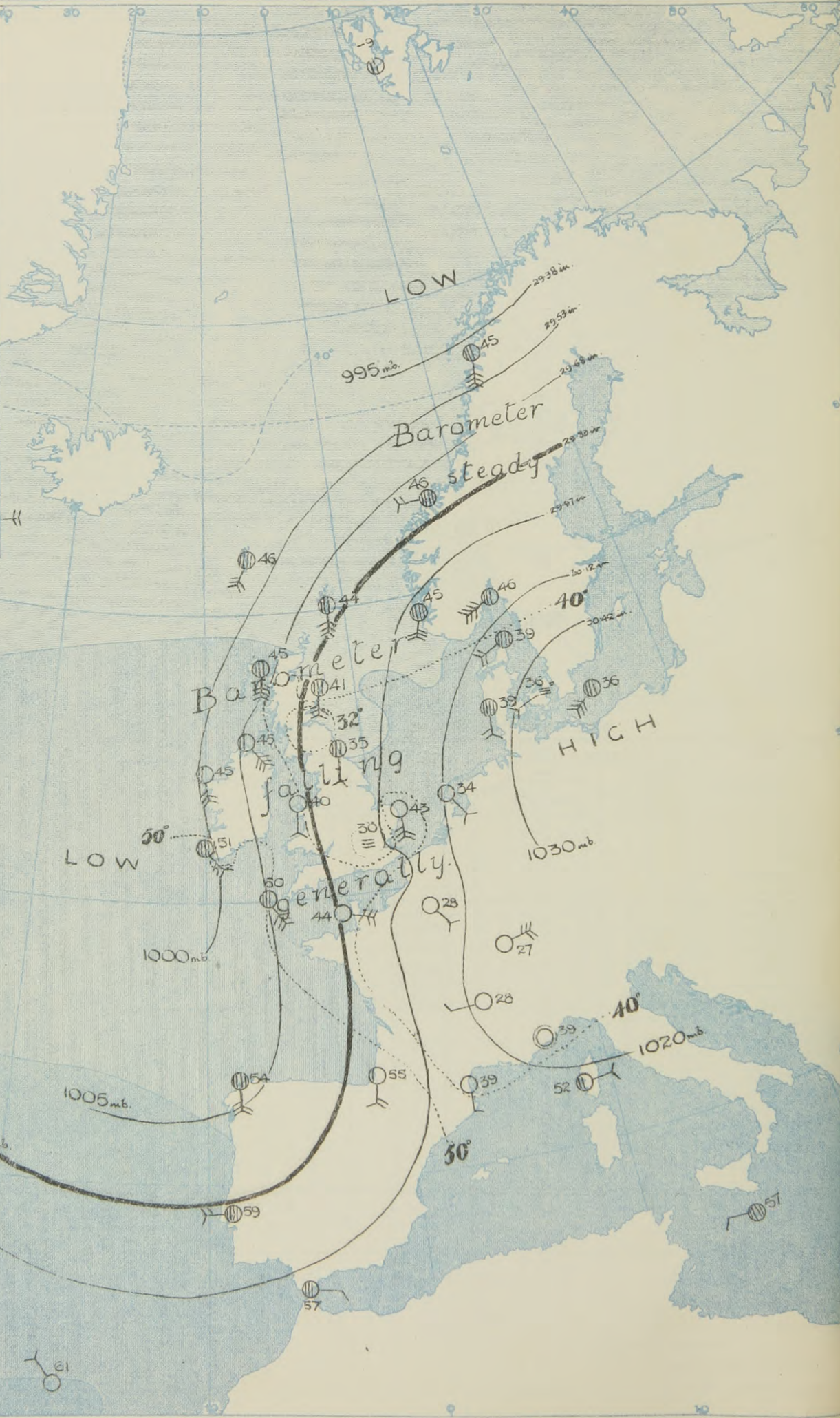
22nd, NOV, at 1h. G.M.T.

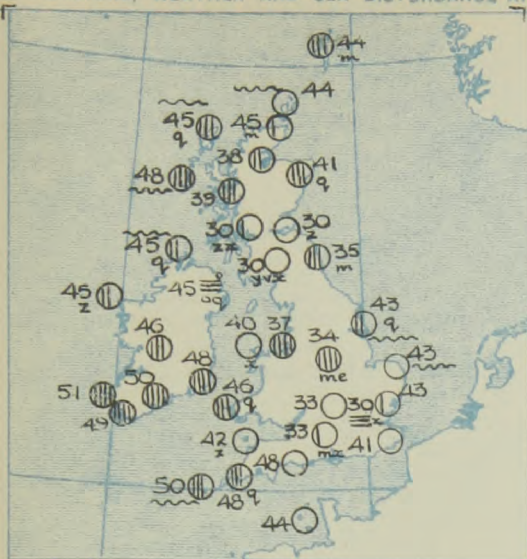
THE MORNING OF FRIDAY, 22nd NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for interval of five millibars.
WIND.—Direction is shown by arrows flying with the wind.
 Force, on the scale 0-12, is indicated by the number of feathers. Calm.
TEMPERATURE.—Given in degrees Fahrenheit.
 Isotherms shown by dotted lines.
WEATHER.—Shown by the following symbols:—
 ○ clear sky. ○ sky & clouded. ○ sky & clouded.
 ○ sky & clouded. ○ overcast sky. ● rain falling.
 ✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.
 ⚡, thunderstorm.
SEA DISTURBANCE.—Rough. High.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

There was a slight frost at night in the south and east of England, and in the south of Scotland. No rain was measured at any station in the United Kingdom. Seven hours of bright sunshine were recorded at Jersey and Malin Head, and six at Holyhead.

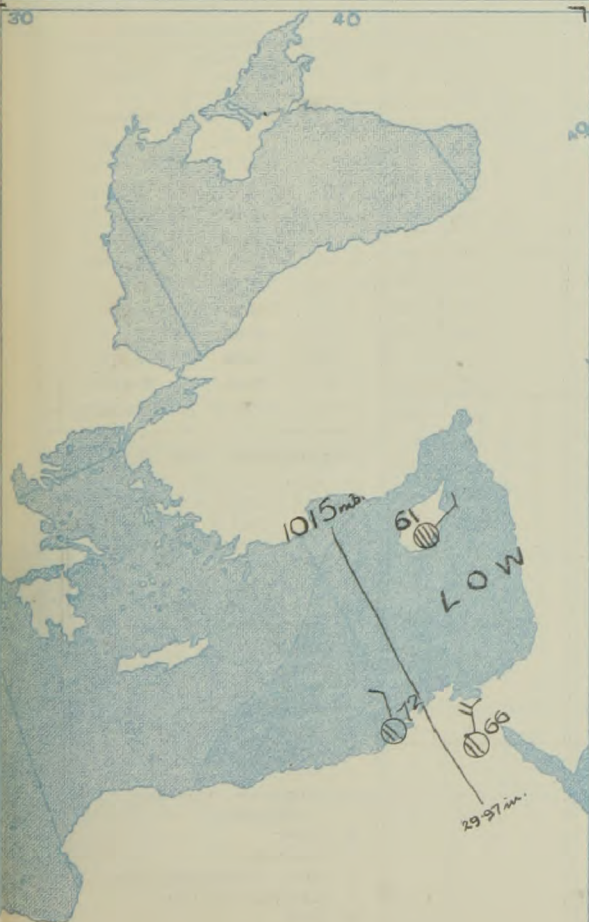
The Conditions at 7h. Today

Pressure has become much lower over the British Isles, but the depression out in the Atlantic is probably still at some distance to the west of Ireland, and is not advancing very rapidly. The wind is from S. or SE, fresh or strong at most coast stations, but quite light inland. The sky is cloudless in many parts of England and Scotland, but is mainly overcast in Ireland. The air is much clearer than of late. The temperature is down to 30° in Southern Scotland and in London, but is 50° in the south of Ireland and at Scilly.

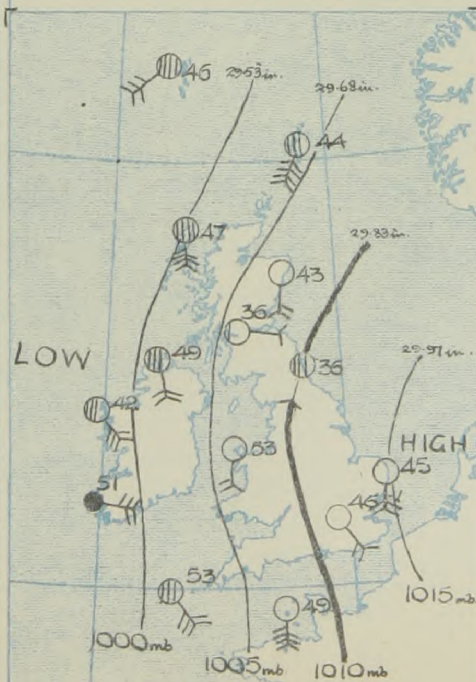
The Outlook

Fresh or strong S. or SE. winds over the western half of England, and in Scotland and Ireland, weather fair to dull or showery, temperature rather mild. Moderate or fresh SE. winds over the eastern half of England, weather fair generally, temperature moderate.

H.H.



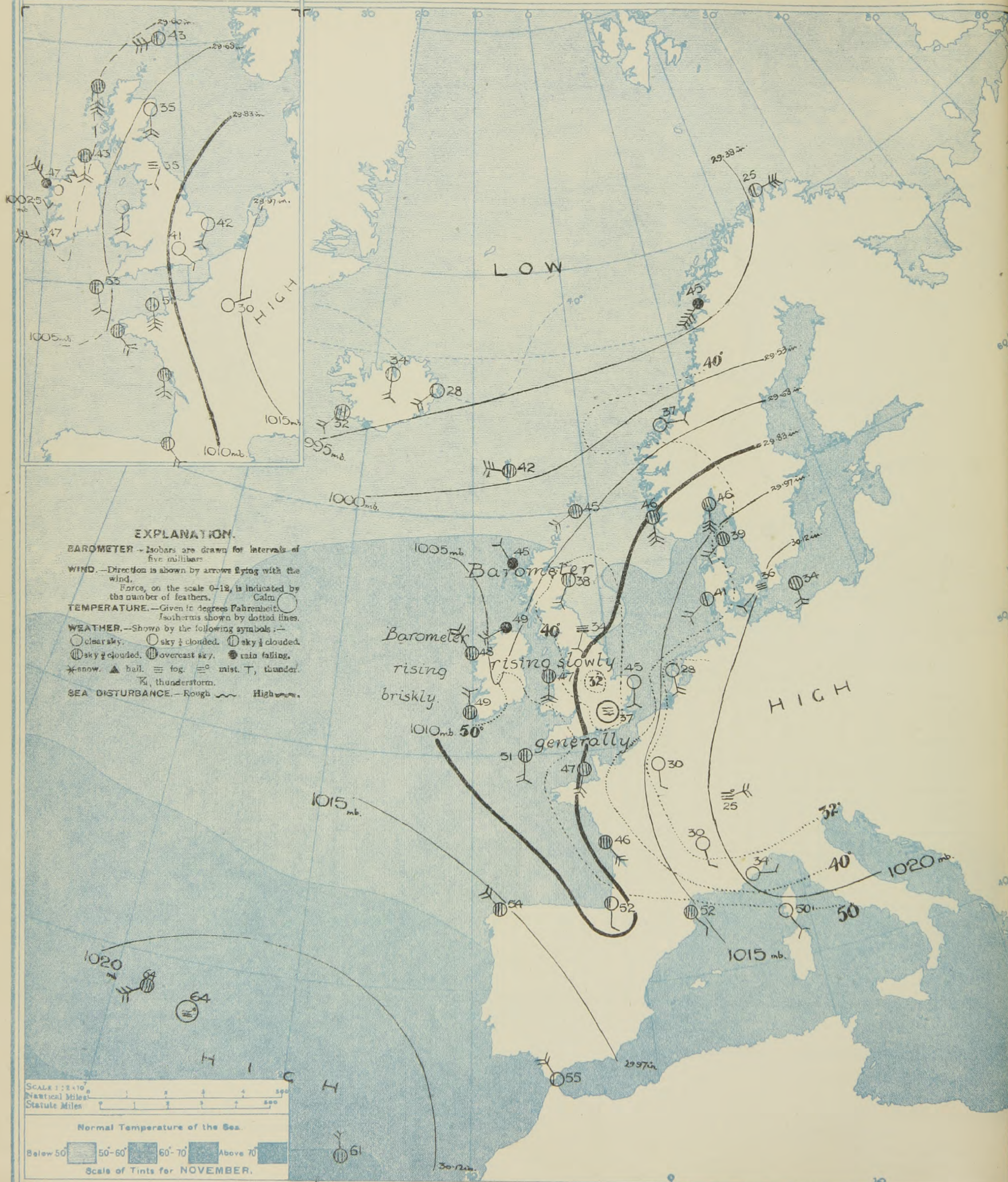
FRIDAY, 22nd NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.

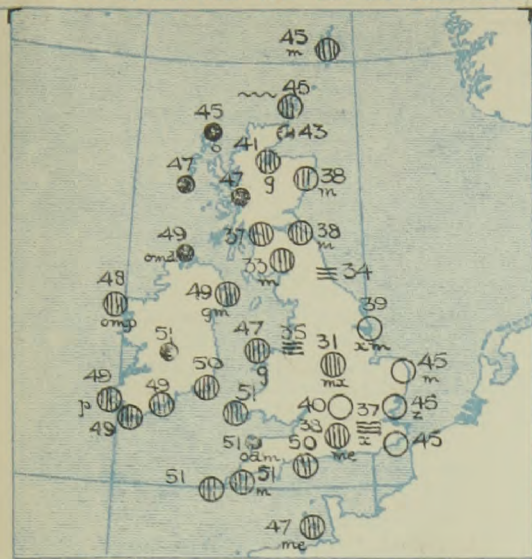


Rain has begun in Ireland, and will gradually extend eastwards as the depression spreads further in from the Atlantic.

23rd, NOV, at 1h. G.M.T.

THE MORNING OF SATURDAY, 23rd NOVEMBER 1918, at 7h. G.M.T.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Frost occurred again at several English and Scottish stations, the lowest minimum temperature was 21° at Eskdalemuir. Rain fell in Ireland and the Hebrides, 24 mm. at Valencia, 4 mm. at Castlebay and 3 mm. at Blacksod Point. Sunshine records were mostly good, the best being a total of 7½ hours at Jersey and South Farnborough.

The Conditions at 7h. Today

A shallow V shaped depression now covers the western coasts of the British Isles. The barometer is rising generally, and the system appears to be filling up. The wind has veered to NW. or N. in the west of Ireland, but is from about South further east. It is everywhere light or moderate in force. The sky is cloudless from the Straits of Dover up to Spurn Head, but dull to showery weather prevails over the rest of the United Kingdom. There is mist or fog in many parts of England. The temperature is only 31° at Nottingham, but is higher than of late generally.

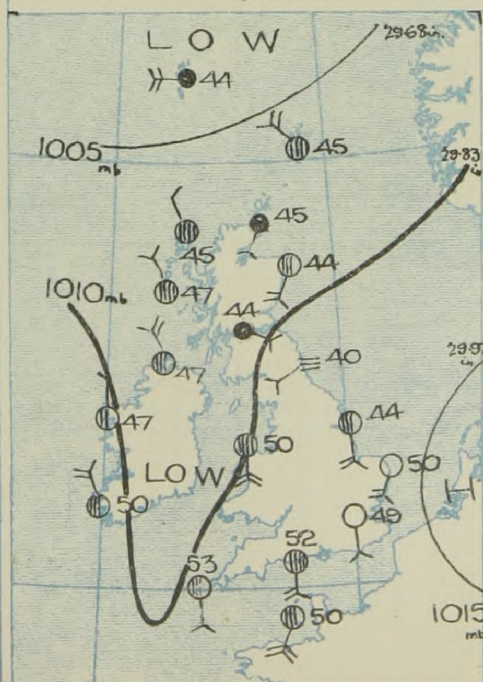
The Outlook

Pressure is likely to become more uniform as the depression fills up, so that there will be little wind. Under these conditions mist or fog is likely in most districts, and the weather will be somewhat unsettled at first, except over the eastern counties of England, where it will continue to be fair or fine.

H. N.

Saturday, 23rd

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



The V- shaped depression in the west shows little movement, and is gradually filling up, as was anticipated this morning.

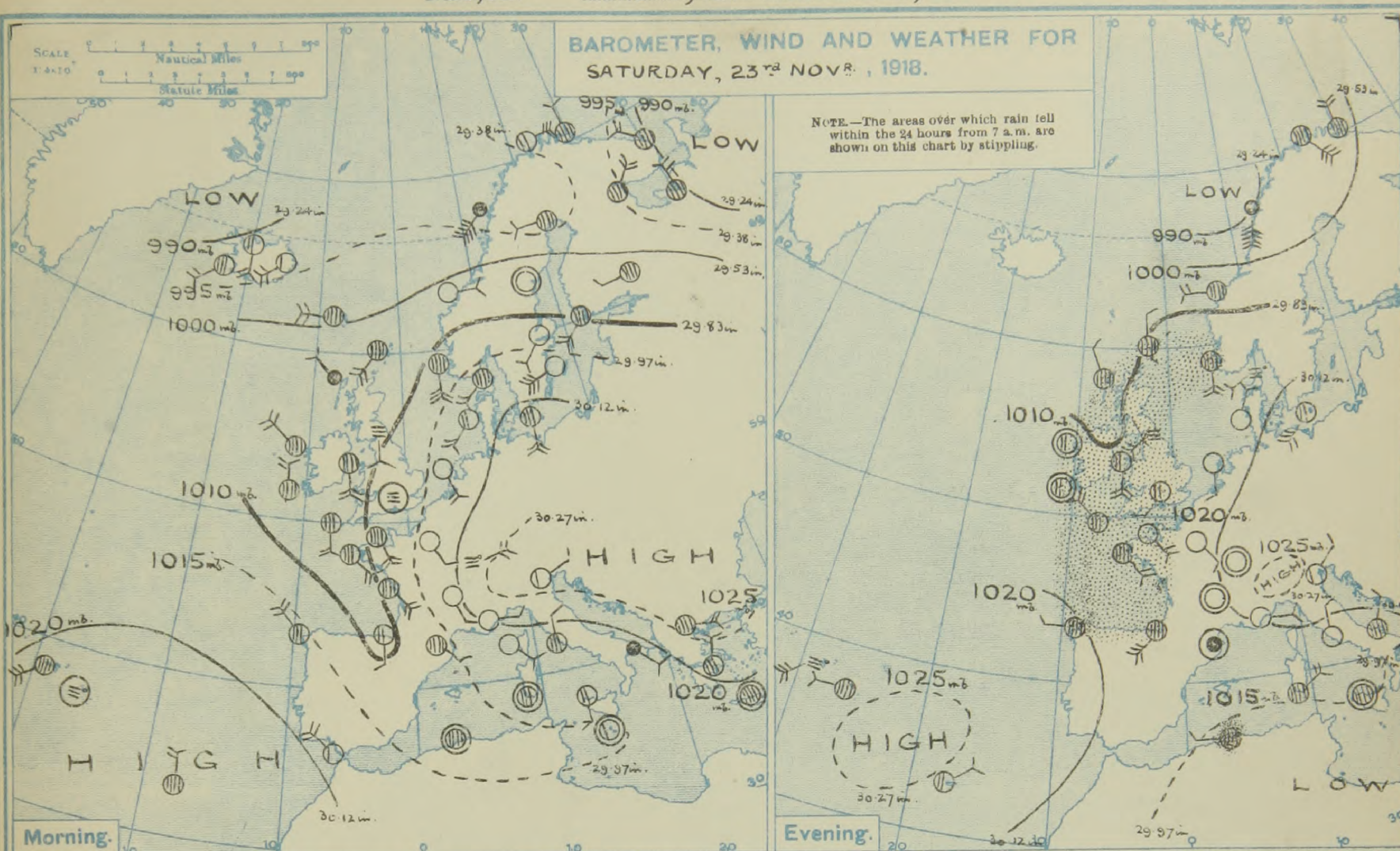
| STATIONS. | EVENING OF 22 ND . | | | | | MORNING OF 23 RD . | | | | | | | | | | 24 HOURS ENDED 7 h. 23 RD . | | | | | Sun- shine for 22 ND Hours. | |
|----------------------------|---------------------------------------|--------|--------|---------------|----------|---------------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------------------------------|------|----------|------------|---------|----------------------------------------------------|-----|
| | Barom. Milli- bars at M.S.L. | Temp. | WIND. | | Weather. | Barom. Milli- bars at M.S.L. | Change in 3 hours. | TEMP. | | WIND. | | Direc. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | |
| | | | Direc. | Force 0-12 | | | | Dry Bulb. | Change in 24 hours. | Direc. | Force 0-12. | | | | | Max. | Min. | Morning. | Afternoon. | Night. | | |
| BRITISH ISLANDS. | Lerwick ... | 1003.9 | 44 | SW | 6 | cmq | 1004.0 | +2 | 45 | +1 | SW | 4 | — | om | 3 | — | 45 | 40 | cmq | cmq | om | * |
| | Deerness (Orkney) ... | 1002.7 | 44 | S | 5 | bz | 1005.1 | * | 45 | +1 | SSW | 2 | — | c | 5 | — | 45 | 39 | b | bz | c.b.c | 2.3 |
| | Stornoway ... | 1000.4 | 47 | S | 7 | og | 1004.5 | +4 | 45 | 0 | NW | 2 | — | or | 1 | 2 | 48 | 45 | coq | og | ogre | 0.0 |
| | Castledy (Barra Isd.) ... | 1001.3 | 48 | SE | 4 | o | 1004.4 | +2 | 47 | -1 | NNW | 3 | — | r | 4 | 4 | 49 | 46 | o | o | or | 0.0 |
| | Glasgow ... | 1007.3 | 33 | — | 0 | bfx | 1008.6 | +2 | 37 | +7 | E | 2 | — | o | * | trace | 38 | 28 | bz | bz | bz x c | 1.8 |
| | Eskdalemuir ... | 1008.5 | 28 | NNW | 1 | bz | 1010.2 | +2 | 33 | +3 | — | 0 | — | om | * | 0.1 | 40 | 21 | bzy bz | bzy bz | bzy bz | 6.6 |
| | Malin Head ... | 1000.3 | 45 | SSE | 4 | cmq | 1003.3 | +3 | 49 | +4 | SW | 3 | — | omd | 3 | 1 | 50 | 42 | bcmq | bcmq | omd | 3.0 |
| | Blacksod Point ... | 998.7 | 46 | SE | 5 | omgp | 1007.3 | +5 | 48 | +3 | NW | 4 | — | omp | 4 | 3 | 51 | 42 | bzp | omgp | ofr omp | * |
| | Valencia (Cabiriveen) ... | 998.0 | 52 | SSE | 4 | r | 1008.8 | +6 | 49 | -2 | N | 3 | — | op | — | 2.4 | 53 | 42 | or | or | or c | 0.0 |
| | Roche's Point ... | 1000.8 | 50 | SE | 5 | d | 1007.0 | +3 | 49 | -1 | NW | 4 | — | o | 4 | 2 | 51 | 49 | abc od. | od. | dop | * |
| | Birr Castle ... | 1000.5 | 50 | SE | 2 | o | 1005.7 | * | 51 | +5 | S | 1 | — | r | * | 1 | 51 | 46 | c | c | or | 1.3 |
| | Donaghadee ... | 1004.9 | 46 | SSE | 3 | cmq | 1006.6 | +2 | 49 | +4 | SSE | 2 | — | ogm | 2 | 1 | 50 | 44 | omq | cmq | o.ogpp | * |
| | Liverpool (Bidston) ... | 1008.0 | 38 | SE | 3 | m | 1008.8 | +2 | 35 | -2 | SE | 3 | — | f | 3 | — | 40 | 35 | c.b.bc | bfm | bmf | 3.4 |
| | Holyhead ... | 1005.7 | 48 | S | 4 | og | 1007.6 | +2 | 47 | +7 | S | 4 | — | og | 3 | — | 53 | 36 | bz | bc.og | o.b.o | 6.1 |
| | Pembroke (St. Ann's) ... | 1004.9 | 50 | SSE | 4 | c | 1008.1 | +3 | 51 | +5 | SSE | 3 | — | o | 4 | — | 52 | 41 | bc | b.c.c | c.o | 2.8 |
| Hartland Quay ... | 1005.9 | 48 | SSE | 3 | bz | 1008.6 | +3 | 51 | +9 | SSE | 4 | — | odm | 3 | — | 53 | 41 | bz.cz | cz.o.cz | b.o | * | |
| NORTHERN EUROPE. | Scilly (St. Mary's) ... | 1001.9 | 53 | SSE | 5 | c | 1007.6 | +2 | 51 | +1 | S | 3 | S | c | 4 | 0.3 | 54 | 49 | c | c | opcf | 0.2 |
| | Falmouth ... | 1004.0 | 52 | SE | 6 | omq | 1008.6 | +3 | 51 | +3 | SSE | 2 | — | cm | * | 1 | 52 | 47 | cm.og | og.omq | bcm | 0.8 |
| | Jersey (St. Aubin) ... | 1008.5 | 51 | ESE | 5 | b | 1011.3 | +2 | 47 | +3 | SSE | 4 | — | oem | 3 | — | 52 | 43 | b | b | b.oem | 7.7 |
| | Portland Bill ... | 1007.7 | 49 | SE | 4 | b | 1009.3 | +1 | 50 | +2 | SSE | 4 | — | c | 4 | — | 51 | 47 | b | b | b.c.c | * |
| | Dungeness ... | 1011.6 | 46 | S | 4 | b | 1012.9 | +2 | 45 | +4 | S | 4 | — | b | 4 | — | 48 | 40 | b | b | b | * |
| | Wick ... | 1003.0 | 45 | S | 4 | bm | 1005.3 | +3 | 43 | -2 | S | 3 | — | r | 4 | 0.2 | 45 | 38 | bm | bm | b.omr | * |
| | Nairn ... | 1003.4 | 37 | — | 0 | bex | 1005.2 | * | 41 | +3 | — | 0 | — | og | 1 | 0.1 | 43 | 33 | m.bc | bc | bc.c | 5.7 |
| | Aberdeen ... | 1006.5 | 37 | S | 1 | bm | 1007.2 | +1 | 38 | -3 | SSW | 2 | — | cm | 2 | — | 44 | 35 | c.bm | bm | bm.cm | 4.9 |
| | Leith ... | 1006.8 | 31 | SW | 1 | b | 1007.7 | 0 | 38 | +8 | SW | 1 | — | om | 1 | — | 38 | 27 | bzm | f | bz.bm | * |
| | Tynemouth ... | 1008.7 | 36 | SSW | 3 | cm | 1009.3 | 0 | 34 | -1 | SSW | 2 | — | f | 2 | — | 36 | 33 | cm | cm | f | * |
| | Spurn Head ... | 1010.2 | 43 | SSE | 5 | bq | 1012.0 | +1 | 39 | -4 | SSW | 3 | — | bzm | 4 | — | 43 | 34 | bcq | bcq | bzm | 4.5 |
| | Yarmouth (Gorleston) ... | 1013.4 | 43 | S | 5 | bm | 1013.6 | +1 | 45 | +2 | S | 2 | — | bm | 3 | — | 45 | 38 | b | b cm | bm | 4.7 |
| | Clacton-on-Sea ... | 1012.6 | 45 | SE | 4 | bz | 1013.8 | +2 | 45 | +2 | SSE | 3 | — | bz | 2 | — | 46 | 42 | bz | bz | bz | 4.6 |
| | Nottingham ... | 1010.4 | 36 | SE | 1 | bm | 1012.2 | * | 31 | -3 | SSE | 1 | S | omx | * | — | 41 | 24 | cm.b | bm | bmf | 4.3 |
| | Denson (Oxon.) ... | 1003.4 | 38 | SE | 3 | b | 1011.6 | +4 | 40 | +7 | SE | 3 | — | o | * | 0.2 | 45 | 33 | bm | b | b.x.m | * |
| Sth Farnborough ... | 1010.9 | 39 | ESE | 2 | bm | 1012.2 | +2 | 38 | +5 | N | 1 | SW | ome | * | 0.2 | 47 | 33 | bm | bm | b.ome | 7.3 | |
| Salisbury Plain ... | 1011.4 | 42 | SE | 2 | bm | 1011.4 | +2 | 44 | +7 | SE | 2 | S | o | * | — | 49 | 31 | — | — | b.b.c | ? | |
| London (Kew Obs.) ... | 1010.8 | 40 | SE | 2 | bm | 1012.9 | +3 | 37 | +7 | — | 0 | — | fx | * | 0.3 | 46 | 28 | bm.bz | bz.bm | bmf.bmf | 6.0 | |
| FRANCE, &c. | Spitsbergen ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Vardö ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Gjesvær ... | 989.1 | 23 | E | 3 | o | 995.5 | * | 25 | ? | E | 5 | — | bc | 3 | 5 | 27 | 21 | ... | ... | ... | ... |
| | Bodö ... | 997.5 | 46 | SW | 9 | r | 993.1 | -2 | 45 | 0 | SW | 9 | — | r | 6 | 3 | 46 | 43 | ... | ... | ... | ... |
| | Christiansund ... | 1006.4 | 41 | — | 0 | b | 1002.0 | -2 | 37 | -9 | E | 2 | — | b | 3 | — | 46 | 36 | ... | ... | ... | ... |
| | Skudesnaes ... | 1013.5 | 45 | S | 6 | c | 1010.4 | -1 | 46 | +1 | S | 5 | — | o | 5 | — | 46 | 45 | ... | ... | ... | ... |
| | Færder (Xtanta Fjord) ... | 1018.0 | 45 | SSW | 6 | o | 1013.5 | -1 | 46 | 0 | SSW | 6 | — | c | 3 | — | 46 | 43 | ... | ... | ... | ... |
| | The Scaw (Skagen) ... | 1019.8 | 37 | E | 3 | o | 1015.5 | -1 | 39 | 0 | SW | 3 | — | o | 3 | — | 41 | 36 | ... | ... | ... | ... |
| | Blaavands Huk ... | 1020.6 | 39 | SSE | 3 | b | 1018.3 | -3 | 41 | +2 | SW | 3 | — | bc | * | — | 41 | 34 | ... | ... | ... | ... |
| | Copenhagen ... | 1023.8 | 37 | SW | 2 | b | 1020.2 | 0 | 36 | 0 | SW | 2 | — | f | * | — | 39 | 34 | ... | ... | ... | ... |
| | Bornholm ... | 1024.6 | 37 | SW | 5 | b | 1020.6 | -1 | 34 | -2 | S | 4 | — | c | 1 | — | 39 | 34 | ... | ... | ... | ... |
| | The Helder ... | 1016.0 | 36 | SE | 2 | b | 1016.0 | 0 | 28 | -6 | SSE | 3 | — | b | 1 | — | 41 | 27 | ... | ... | ... | ... |
| | C. Gris Nez ... | 1012.8 | 39 | SSE | 4 | b | 1013.7 | +1 | 39 | +5 | S | 3 | * | b | 2 | — | 48 | 37 | ... | ... | ... | ... |
| | La Hève ... | 1011.0 | 41 | SE | 4 | b | 1013.7 | +2 | 37 | +5 | ESE | 2 | * | b | * | — | 45 | 37 | ... | ... | ... | ... |
| | Brest (St. Mathieu) ... | 1003.9 | 52 | SE | 5 | o | 1009.5 | +4 | 52 | +6 | SE | 3 | * | c | * | 1 | 54 | 43 | ... | ... | ... | ... |
| Roche fort (Ile d'Aix) ... | 1008.6 | 50 | SE | 4 | bc | 1010.3 | +2 | 46 | ? | SE | 4 | * | o | * | — | 54 | 46 | ... | ... | ... | ... | |
| Biarritz ... | 1008.4 | 52 | SSW | 3 | r | 1009.0 | +2 | 52 | -3 | S | 1 | * | bc | * | 7 | 61 | 50 | ... | ... | ... | ... | |
| IBERIA, &c. | Paris ... | 1014.9 | 37 | ESE | 2 | b | 1016.2 | +2 | 30 | +2 | SSE | 1 | * | b | * | — | 48 | 28 | ... | ... | ... | ... |
| | Belfort ... | 1020.4 | 41 | — | 0 | b | 1022.4 | * | 25 | -2 | ENE | 4 | * | m | * | — | 39 | 23 | ... | ... | ... | ... |
| | Lyons ... | 1018.0 | 41 | — | 0 | b | 1019.1 | +1 | 30 | +2 | — | 0 | * | b | * | — | 50 | 30 | ... | ... | ... | ... |
| | Nice ... | 1021.6 | 41 | E | 2 | b | 1021.6 | 0 | 34 | -5 | E | 1 | * | b | * | — | 50 | 30 | ... | ... | ... | ... |
| | Perpignan ... | 1015.4 | 50 | SSE | 2 | b | 1014.7 | 0 | 52 | +13 | SE | 1 | * | o | * | 1 | 55 | 48 | ... | ... | ... | ... |
| | Sanguinaire ... | 1018.3 | 54 | SE | 2 | c | 1017.1 | -2 | 50 | -2 | SE | 2 | * | b | * | — | 61 | 41 | ... | ... | ... | ... |
| | Corunna ... | 1001.9 | 55 | SSW | 5 | r | 1016.8 | +6 | 54 | 0 | NW | 4 | — | c | 5 | 11 | 63 | 52 | ... | ... | ... | ... |
| | Madrid ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Lisbon ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Azores (Horta) ... | 1018.6 | * | SSE | 4 | m | 1021.0 | +1 | 64 | +5 | SW | 5 | * | o | 3 | 1 | 64 | 63 | ... | ... | ... | ... |
| | „ (P. Julgada) ... | 1020.3 | * | SSW | 2 | bc | 1023.9 | +2 | 64 | +5 | — | 0 | * | m | 2 | 1 | 66 | 59 | ... | ... | ... | ... |
| | Madeira ... | 1020.0 | 68 | NW | 2 | | | | | | | | | | | | | | | | | |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,821

SUNDAY, 24th NOVEMBER, 1918.

BAROMETER, WIND AND WEATHER FOR SATURDAY, 23rd NOV. 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 23rd NOVEMBER.

| STATIONS. | | EVENING OF 22 ND | | | | | MORNING OF 23 RD | | | | | | | | | | MORNING OF 23 RD | | | | | |
|-----------|---------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|-------|--------------|---------------------------|--------|----------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. | Change in 24 hours. | Dirac. | |
| | | | ° F. | | | | | | ° F. | ° F. | | | | ° F. | ° F. | | | ° F. | ° F. | | | |
| RUSSIA. | Orlov ... | x | x | x | x | x | | | | | | | | x | x | | | | | | | |
| | Kem ... | x | x | x | x | x | | | | | | | | x | x | | | | | | | |
| | Archangel ... | x | x | x | x | x | | | | | | | | x | x | | | | | | | |
| | Mesen... | x | x | x | x | x | | | | | | | | x | x | | | | | | | |
| SWEDEN. | Haparanda ... | 1092.4 | 39 | SW | 4 | b | 1094.3 | x | 39 | +3 | W | 2 | o | x | x | x | | | | | | |
| | Hernösand ... | 1007.7 | 39 | S | 2 | o | 1005.1 | x | 28 | -9 | - | 0 | b | x | x | x | | | | | | |
| | Stockholm ... | 1015.3 | 43 | W | 6 | o | 1013.2 | x | 37 | +1 | SW | 2 | b | x | x | x | | | | | | |
| | Wisby ... | 1020.7 | 37 | WSW | 6 | bc | 1018.9 | x | 39 | 0 | WSW | 6 | b | x | x | x | | | | | | |
| | Sordovala ... | 1000.4 | 39 | W | 1 | o | 1001.3 | x | 36 | +4 | W | 1 | b | x | x | x | | | | | | |
| | Hangö ... | 1012.7 | 43 | WNW | 3 | o | 1009.2 | x | 39 | -2 | WSW | 4 | o | x | x | x | | | | | | |
| ITALY. | Venice ... | 1027.4 | 34 | ENE | 2 | b | 1025.7 | x | 30 | -4 | ENE | 1 | b | - | 41 | 32 | | | | | | |
| | Turin ... | 1028.5 | 34 | - | 0 | b | 1027.1 | x | 30 | -2 | - | 0 | c | - | 36 | 27 | | | | | | |
| | Pesaro ... | | | | | | | x | | | | | | | | | | | | | | |
| | Leghorn ... | 1022.7 | 41 | NE | 1 | b | 1020.5 | x | 37 | 0 | - | 0 | b | - | 46 | 34 | | | | | | |
| | Rome ... | 1020.5 | 43 | N | 1 | b | 1018.7 | x | 37 | -2 | N | 1 | c | - | 54 | 37 | | | | | | |
| | Viesti ... | | | | | | | x | | | | | | | | | | | | | | |
| | Brindisi ... | 1016.1 | 50 | SE | 4 | o | 1017.8 | x | 52 | ? | SE | 2 | r | - | 54 | 50 | | | | | | |
| | Cagliari ... | 1016.3 | 57 | SE | 4 | o | 1016.3 | x | 52 | -2 | - | 0 | c | - | 68 | 50 | | | | | | |
| | Palermo ... | 1015.0 | 54 | - | 0 | c | 1015.7 | x | 55 | +1 | S | 1 | bc | - | 64 | 45 | | | | | | |
| | Tripoli ... | | | | | | | x | | | | | | | | | | | | | | |

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

| STATIONS. | 24 th & 25 th 1918. | | | Sunrise. | Noon. | Sunset. |
|---------------|-------------------------------------------|--------|--------|----------|-------|---------|
| | G.M.T. | G.M.T. | G.M.T. | | | |
| Yarmouth ... | 7.31 | 11.40 | 3.48 | | | |
| Greenwich ... | 7.33 | 11.40 | 3.47 | | | |
| Wick ... | 7.36 | 11.47 | 3.59 | | | |
| Valencia ... | 8.24 | 11.59 | 3.35 | | | |
| | 8.17 | 12.28 | 4.38 | | | |
| | 8.19 | 12.28 | 4.37 | | | |

| LONDON | Humidity. | | Sunshine for | TEMPERATURE. | | | Rain fall. | WEATHER. | | |
|--------------------------------------|------------------|------------------|--------------|--------------|------|---------------|------------|----------|------------|--------|
| | 15 h. | 9 a. | | Max. | Min. | Min. on Grass | | Morning. | Afternoon. | Night. |
| | 23 rd | 24 th | | ° F. | ° F. | ° F. | | | | |
| 24 th NOVEMBER 9h. G.M.T. | 84 | 96 | 6.2 | 52 | 40 | 27 | - | b | o | of |
| GREENWICH (Royal Observatory) | * | * | 0.0 | * | * | * | * | * | * | * |
| CITY (Bunhill Row) | 85 | 93 | 0.0 | 53 | 37 | 32 | - | * | * | * |
| WESTMINSTER (St. James's Park) | 78 | 92 | 3.4 | 53 | 46 | * | - | bcf | bcn | bm.ome |
| " (Roof near Charing Cross) | 92 | 96 | 0.8 | 50 | 37 | 35 | - | o.c | d.o | - |
| CAMDEN SQ. (British Rainfall) | 85 | 96 | * | 52 | 27 | 28 | 0.5 | om | m | * |
| KENSINGTON PALACE | | | | | | | | | | |

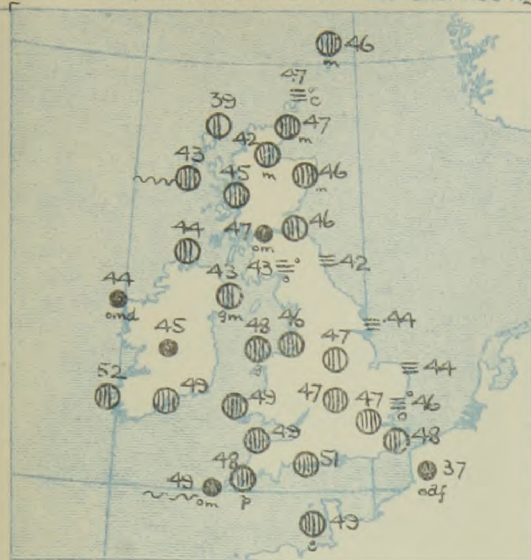
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|---------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 23 rd . | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 318 | 10.4 | 25 |

24th NOV, at 1h. G.M.T.

THE MORNING OF Sunday, 24th NOVEMBER 1918, at 7h. G.M.T.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

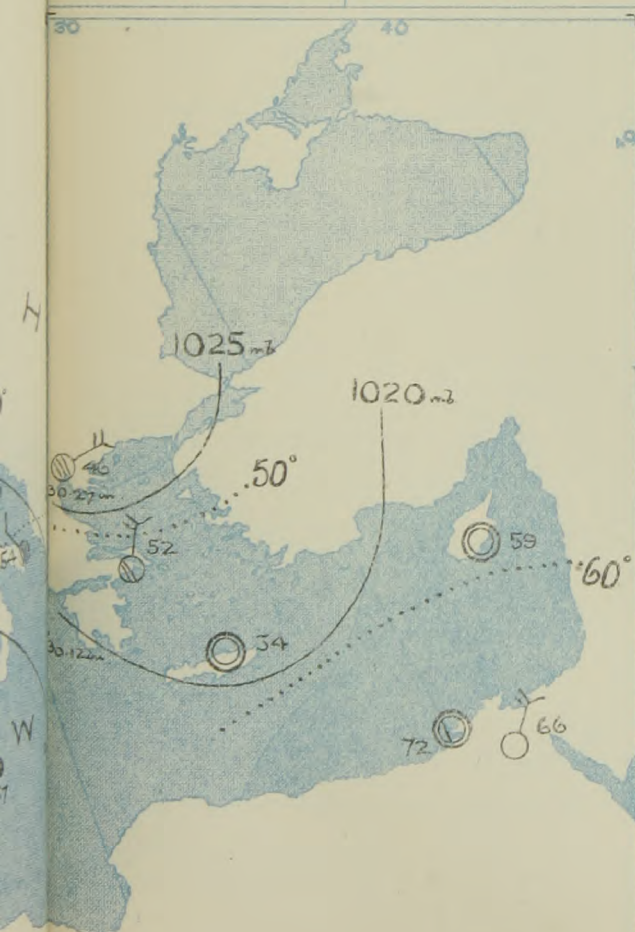
There was a general increase of temperature, touching 56° at Hartland Quay in the afternoon. The night minima remained above 40° in most places. Rain fell generally, mostly in very small amounts, but 8 mm. at Roche's Point. There was a good deal of mist, local fog, and except in the south-east of England and at St. Ann's Head the day was all but sunless.

The Conditions at 7h. Today

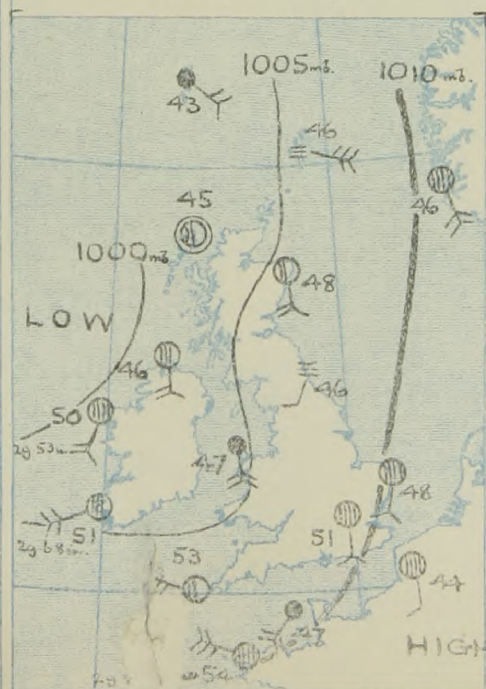
A new depression, probably of little intensity, has arrived off the west coast of Ireland. The barometer is falling generally, and the depression is spreading eastwards. The wind is for the most part from between SE. and SW, and is fresh in force at Scilly and Queenstown, but light or moderate elsewhere. The weather is dull and rather misty, with fog between Yarmouth and Tynemouth and rain at several stations in the west. The temperature is now above 40° generally over the British Isles, and is much warmer than of late in the east of England.

The map for 13h. shows that the Atlantic depression continued to expand over the British Isles, with no material change of wind or weather, temperature being higher than of late.

H.H.

SUNDAY, 24th

NOVEMBER, 1918, at 13h. (1 p.m.) G.M.T.



DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No 328.

SUNDAY
24th NOVEMBER

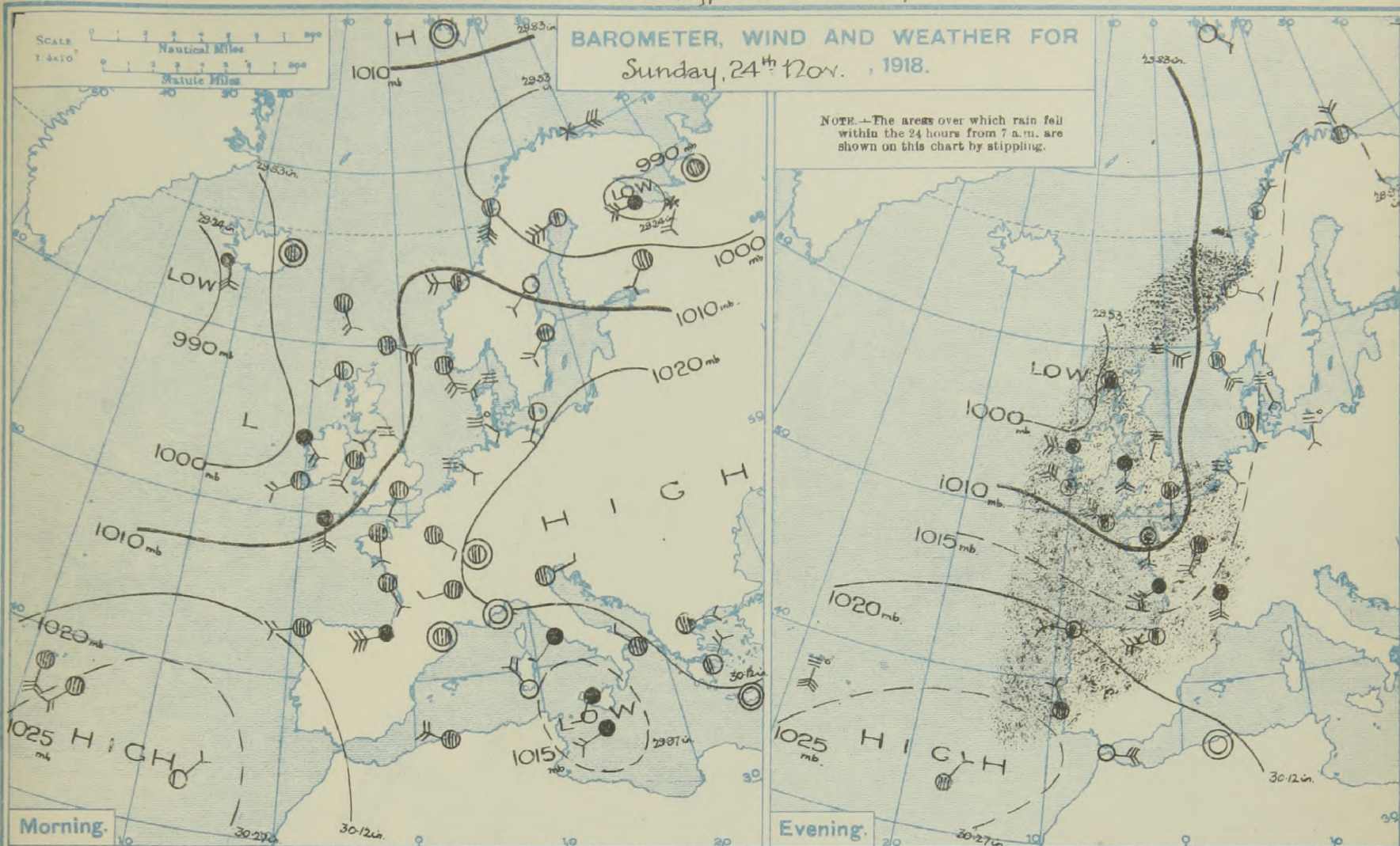
| STATIONS. | | EVENING OF 23 RD | | | | | MORNING OF 24 TH | | | | | | | | | | 24 HOURS ENDED 7 h. 24 TH | | | | | Sun- shine for 23 RD Hours. |
|----------------------|-------------------------|---------------------------------------|--------------|--------|----------------|----------|---------------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|--------------------------------------|-----------|----------|------------|--------|----------------------------------------------------|
| | | Barom. Milli- bars at M.S.L. | Temp. °F. | WIND. | | Weather. | Barom. Milli- bars at M.S.L. | Change in 3 hours. | TEMP. | | WIND. | | Direc. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | |
| | | | | Direc. | Force 0-12. | | | | Dry Bulb. | Change in 24 hours. | Direc. | Force 0-12. | | | | | Max. | Min. | Morning. | Afternoon. | Night. | |
| BRITISH ISLANDS. | Lerwick | 1010.6 | 43 | N | 1 | om | 1009.6 | -2 | 46 | +1 | ESE | 5 | - | om | 2 | 1 | 46 | 40 | om | om | omd | * |
| | Deerness (Orkney) | 1009.8 | 46 | NE | 2 | ofc | 1005.4 | * | 47 | +2 | SE | 4 | - | cxm | 4 | 3 | 47 | 44 | c.or | r.ofc | orm.c | 0.0 |
| | Stornoway | 1009.4 | 44 | NNW | 1 | o | 1004.6 | -1 | 39 | -6 | SW | 1 | - | bc | 1 | 1 | 46 | 39 | orin | o | obc | 0.0 |
| | Castletown (Barra Isd.) | 1009.4 | 44 | NNE | 2 | b | 1004.4 | -1 | 43 | -4 | NE | 3 | - | o | 5 | 1 | 48 | 38 | ro | o.c.b | bc.o | 1.5 |
| | Glasgow | 1010.6 | 43 | - | 0 | amd | 1006.3 | -2 | 47 | +10 | SSE | 2 | - | omr | * | 2 | 47 | 37 | omgr | omd.p | omp | 0.0 |
| | Eskdalemuir | 1012.2 | 40 | - | 0 | om | 1007.7 | -2 | 43 | +10 | SSE | 3 | - | om | * | 1 | 44 | 33 | om | ofdom | ofcom | 0.2 |
| | Malin Head | 1009.2 | 45 | NNW | 2 | cm | 1004.3 | -2 | 44 | -5 | SSE | 2 | S | c | 3 | 4 | 50 | 43 | cm | cm | c | 0.0 |
| | Blacksod Point | 1010.6 | 44 | - | 0 | bc | 1001.2 | -5 | 44 | -4 | SE | 3 | - | omd | 4 | 2 | 47 | 40 | bcu | bcu | bc.omp | 0.0 |
| | Valencia (Cahirelveen) | 1012.0 | 44 | - | 0 | bcw | 1003.4 | -1 | 52 | +3 | WSW | 3 | - | c | 0 | 2 | 52 | 41 | o.bc.c | bc | c.ora | 0.8 |
| | Roche's Point | 1011.4 | 47 | WNW | 1 | b | 1004.7 | -3 | 49 | 0 | W | 2 | - | o | 3 | 8 | 50 | 44 | po | o.b | b.ora | * |
| Birr Castle | 1012.5 | 47 | SW | 1 | o | 1004.6 | * | 45 | -6 | SE | 1 | - | r | * | 3 | 51 | 44 | omo | o | orod | 0.0 | |
| Donaghadee | 1009.2 | 51 | S | 2 | ogmp | 1004.9 | -1 | 43 | -6 | SW | 2 | - | cgm | 2 | 2 | 52 | 42 | ogm | omp | om.pfd | * | |
| Liverpool (Bidston) | 1011.8 | 46 | SE | 2 | o | 1009.1 | -2 | 46 | +11 | SSE | 3 | S | o | 2 | - | 47 | 35 | co | om | c.o | 0.0 | |
| Holyhead | 1010.7 | 51 | S | 4 | bc.p.d | 1007.3 | -1 | 48 | +1 | SSW | 3 | SW | og | 2 | 1 | 51 | 48 | opd | opd.c | bc.opd | 0.0 | |
| Pembroke (St. Ann's) | 1012.1 | 52 | S | 3 | o | 1009.1 | -2 | 49 | -2 | SW | 3 | - | o | 3 | 1 | 53 | 49 | orm | c.o | ogp | 5.0 | |
| Hartland Quay | 1013.1 | 52 | SSW | 1 | odpf | 1010.0 | -3 | 49 | -2 | S | 3 | - | o | 4 | 1 | 56 | 48 | o.bc.dm | om.c.om | odpf | * | |
| Scilly (St. Mary's) | 1012.7 | 50 | WNW | 3 | c | 1009.0 | -4 | 49 | -2 | S | 5 | - | omr | 5 | 5 | 53 | 48 | cfc | cfc | c.or | 1.1 | |
| Falmouth | 1012.9 | 51 | SSW | 3 | oem | 1010.3 | -4 | 48 | -3 | SW | 3 | - | op | * | Trace | 53 | 44 | om | omoem | bc.c.o | 0.1 | |
| Jersey (St. Aubin) | 1015.4 | 49 | SSE | 3 | b | 1013.0 | -2 | 49 | +2 | S | 2 | - | oe | 1 | 0.3 | 50 | 45 | emo | o.c.b | bw.odo | 0.1 | |
| Portland Bill | 1013.4 | 52 | SSW | 3 | o | 1011.8 | -3 | 51 | +1 | SSW | 2 | - | o | 3 | 1 | 52 | 50 | od | o | cp | * | |
| Dungeness | 1014.9 | 49 | S | 3 | b | 1013.2 | -2 | 48 | +3 | WSW | 2 | W | c | 2 | - | 51 | 44 | b | b | b.b.c | * | |
| Wick | 1009.4 | 43 | - | 0 | r | 1005.6 | -2 | 47 | +4 | SSW | 3 | - | om | 3 | 4 | 48 | 43 | omr | omr | omr.p | * | |
| Nairn | 1008.8 | 43 | - | 0 | m | 1004.6 | * | 42 | +1 | - | 0 | - | om | 0 | 6 | 44 | 41 | opgm | om | mp.ro | 0.0 | |
| Aberdeen | 1010.6 | 45 | SSW | 3 | m | 1007.5 | -2 | 46 | +8 | S | 2 | - | om | 2 | - | 47 | 38 | om.cm | cm.m | m.om | 0.7 | |
| Leith | 1010.3 | 44 | SSW | 1 | o | 1006.3 | -1 | 46 | +8 | SW | 1 | - | c | 1 | 1 | 47 | 37 | om.c.o | cm.do | om.duc | * | |
| Tynemouth | 1011.1 | 40 | SW | 3 | f | 1008.6 | -2 | 42 | +8 | SW | 2 | - | f | 2 | - | 44 | 33 | f | f | f | * | |
| Spurn Head | 1013.8 | 44 | S | 2 | cm | 1011.2 | -1 | 44 | +5 | S | 3 | - | f | 4 | 0.1 | 44 | 39 | bcm | bm | cmf | 0.0 | |
| Yarmouth (Gorleston) | 1015.2 | 42 | SSW | 2 | b | 1013.7 | -2 | 44 | -1 | S | 3 | - | f | 3 | - | 50 | 37 | bm | bm | bm.f | 5.4 | |
| Clacton-on-Sea | 1015.8 | 46 | SSE | 2 | bme | 1013.3 | -2 | 46 | +1 | SE | 1 | - | om | 1 | 0.3 | 49 | 42 | bzm | bme | b.ogm | 6.1 | |
| Nottingham | 1014.1 | 45 | S | 1 | o | 1010.5 | * | 47 | +16 | SSW | 2 | S | c | * | - | 47 | 30 | o.cm | c.o | o | 0.2 | |
| Benson (Oxon.) | 1014.4 | 47 | S | 1 | o | 1011.4 | -1 | 47 | +7 | S | 2 | - | o | * | 0.2 | 51 | 40 | b | bc | c.o | * | |
| Stb Farnborough | 1014.6 | 47 | SE | 3 | bm | 1012.3 | -2 | 47 | +9 | SE | 2 | - | om | * | 0.1 | 50 | 37 | b.o.bc.bm | b.o.bm | b.o.c.om | 4.0 | |
| Salisbury Plain | 1014.6 | 48 | SE | 2 | od | 1012.4 | -2 | 48 | +4 | SSE | 1 | S | o | * | 1 | 52 | 43 | o | o.od | odo | * | |
| London (Kew Obsy.) | 1015.2 | 45 | SW | 1 | bcm | 1012.4 | -3 | 47 | +10 | SSW | 1 | - | o | * | 0.2 | 50 | 33 | f.b.c.x | bm.bm.bm | cm.ora | 4.5 | |
| NORTHERN EUROPE. | Spitsbergen | 1011.8 | -18 | SE | 1 | b | 1013.2 | -3 | 4 | ? | - | 0 | * | b | * | -4 | -18 | * | * | * | * | |
| | Vardö | 998.9 | 25 | N | 4 | o | 999.0 | +3 | 25 | ? | E | 6 | * | s | 4 | * | 25 | 21 | * | * | * | * |
| | Gjesvær | 996.0 | 23 | SE | 6 | o | 998.4 | * | 23 | -2 | SE | 8 | - | bc | 4 | ? | 25 | 21 | * | * | * | * |
| | Bodö | 1089.5 | 43 | SSW | 9 | r | 1000.0 | +6 | 41 | -4 | SSW | 7 | - | c | 5 | ? | 46 | 37 | * | * | * | * |
| | Christiansund | 1007.8 | 46 | W | 3 | o | 1011.9 | ? | 45 | +8 | W | 4 | - | c | 3 | ? | 48 | 41 | * | * | * | * |
| | Skudesnaes | 1013.1 | 45 | S | 4 | o | 1013.1 | 0 | 46 | 0 | SSE | 5 | - | o | 4 | 3 | 46 | 43 | * | * | * | * |
| | Færder (X'lanie fjord) | 1012.6 | 45 | SW | 6 | b | 1014.3 | +0 | 43 | -3 | SW | 3 | - | c | 2 | - | 45 | 43 | * | * | * | * |
| | The Scaw (Skagen) | 1015.4 | 41 | SW | 2 | m | 1016.6 | +1 | 37 | -2 | SW | 3 | - | f | 3 | - | 41 | 32 | * | * | * | * |
| | Blaavands Huk | 1017.5 | 43 | WSW | 2 | b | 1016.4 | -2 | 30 | -11 | SE | 1 | - | m | * | - | 45 | 27 | * | * | * | * |
| | Copenhagen | 1020.6 | 36 | WSW | 2 | b | 1019.3 | -1 | 34 | -2 | SSE | 1 | - | m | * | - | 37 | 28 | * | * | * | * |
| Bornholm | 1020.2 | 37 | SW | 5 | m | 1019.9 | 0 | 34 | 0 | SW | 2 | - | b | 0 | - | 37 | 32 | * | * | * | * | |
| FRANCE, &c. | The Helder | 1017.6 | 30 | S | 1 | b | 1014.7 | -2 | 27 | -1 | SE | 2 | - | f | 0 | - | 39 | 25 | * | * | * | * |
| | C. Gris Nez | 1015.5 | 43 | S | 2 | b | 1013.6 | -2 | 45 | +6 | S | 2 | * | r | * | ? | 50 | 39 | * | * | * | * |
| | La Hève | 1015.9 | 43 | SSE | 3 | b | 1014.1 | -2 | 43 | +6 | SSW | 2 | * | o | * | - | 48 | 41 | * | * | * | * |
| | Brest (St. Mathieu) | 1015.1 | 52 | SE | 3 | o | 1013.2 | -3 | 52 | 0 | SSW | 4 | * | o | * | 2 | 54 | 48 | * | * | * | * |
| | Roche fort (Ile d'Aix) | 1014.9 | 54 | SW | 5 | o | 1018.6 | +3 | 52 | 0 | WSW | 6 | * | r | * | * | 59 | 52 | * | * | * | * |
| | Biarritz | 1014.9 | 54 | SW | 5 | o | 1018.6 | +3 | 52 | 0 | WSW | 6 | * | r | * | * | 59 | 52 | * | * | * | * |
| | Paris | 1017.5 | 36 | SE | 1 | b | 1016.2 | -1 | 32 | +2 | SE | 1 | * | o | * | - | 48 | 28 | * | * | * | * |
| | Belfort | 1020.4 | 31 | - | 0 | b | 1020.6 | * | 21 | -4 | - | 0 | * | c | * | - | 39 | 19 | * | * | * | * |
| | Lyons | 1018.4 | 39 | - | 0 | b | 1019.4 | +1 | 37 | +7 | - | 0 | * | o | * | - | 48 | 34 | * | * | * | * |
| | Nice | 1019.9 | 37 | E | 2 | b | 1020.0 | +0 | 36 | +2 | - | 0 | * | o | * | - | 46 | 32 | * | * | * | * |
| Perpignan | 1017.3 | 50 | - | 0 | r | 1019.4 | 0 | 45 | -7 | - | 0 | * | o | * | 3 | 52 | 45 | * | * | * | * | |
| Sanguinaire | 1017.3 | 50 | - | 0 | r | 1015.7 | 0 | 48 | -2 | N | 3 | * | b | * | Trace | 63 | 41 | * | * | * | * | |
| IBERIA, &c. | Corunna | 1020.6 | 55 | W | 1 | o | 1019.8 | +1 | 57 | +3 | WSW | 3 | - | o | 4 | 2 | 57 | 50 | * | * | * | * |
| | Madrid | 1020.6 | 55 | W | 1 | o | 1019.8 | +1 | 57 | +3 | WSW | 3 | - | o | * | * | 57 | 50 | * | * | * | * |
| | Lisbon | 1021.6 | * | SW | 5 | m | 1023.0 | +1 | 64 | 0 | S | 6 | * | o | 3 | - | 68 | 64 | * | * | * | * |
| | Azores (Horta) | 1021.6 | * | SW | 5 | m | 1023.0 | +1 | 64 | 0 | S | 6 | * | o | 3 | - | 68 | 64 | * | * | * | * |
| | „ (P. Delgada) | 1023.4 | * | W | 2 | o | 1025.3 | +0 | 64 | 0 | SW | 3 | * | o | 3 | - | 68 | 63 | * | * | * | * |
| Madeira | 1024.7 | 64 | NE | 2 | bc | 1026.3 | +1 | 59 | -2 | NE | 2 | - | b | 2 | - | 70 | 59 | * | * | * | * | |
| Gibraltar | 1024.7 | 64 | NE | 2 | bc | 1026.3 | +1 | 59 | -2 | NE | 2 | - | b | 2 | - | 70 | 59 | * | * | * | * | |
| MEDITERRANEAN. | Algiers | 1013.7 | 54 | W | 1 | o | 1017.6 | +3 | 54 | * | WNW | 4 | - | o | 4 | 16 | 57 | 50 | * | * | * | * |
| | Malta | 1013.7 | 54 | W | 1 | o | 1017.6 | +3 | 54 | * | WNW | 4 | | | | | | | | | | |

THE BEAUFORT SCALE OF WIND FORCE.

| No. | Limits of Velocity. | |
|-----|-------------------------|--------------------|
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0.3 |
| 1 | 1-3 | 0.3-1.5 |
| 2 | 4-7 | 1.6-3.3 |
| 3 | 8-12 | 3.4-5.4 |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 29822. Monday, 25th November, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 24th NOVEMBER.

| STATIONS. | | EVENING OF 23 rd | | | | | MORNING OF 24 th | | | | | | | | | | MORNING OF 24 th | | | | | | |
|-----------|----------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|-------|--------|---------------------------|--------|----------|----------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dirac. | Change in 24 hours. | Dirac. | | Force 0-12. |
| | | * F. | | | | | | | * F. | * F. | | | | | * F. | * F. | | | * F. | * F. | | | |
| RUSSIA. | Orlov ... | x | x | x | x | x | | | | | | | | | x | x | | | | | | | |
| | Kem ... | x | x | x | x | x | | | | | | | | | x | x | | | | | | | |
| | Archangel ... | x | x | x | x | x | | | | | | | | | x | x | | | | | | | |
| | Mesen... | x | x | x | x | x | | | | | | | | | x | x | | | | | | | |
| SWEDEN. | Haparanda ... | | | | | | 993.0 | x | 20 | | WSW | 6 | bc | x | x | x | | | | | | | |
| | Hernösand ... | | | | | | 1004.0 | x | 28 | | SW | 2 | b | x | x | x | | | | | | | |
| | Stockholm ... | | | | | | 1013.2 | x | 32 | | SW | 2 | c | x | x | x | | | | | | | |
| | Wisby ... | | | | | | 1017.6 | x | 36 | | WSW | 4 | o | x | x | x | | | | | | | |
| | Sordovalva ... | | | | | | 1001.2 | x | 28 | | SW | 2 | o | x | x | x | | | | | | | |
| | Hangö ... | | | | | | 1011.4 | x | 32 | | - | 2 | o | x | x | x | | | | | | | |
| ITALY. | Venice ... | 1024.5 | 36 | NE | 1 | b | 1021.5 | x | 34 | +4 | ENE | 1 | c | - | 41 | 30 | | | | | | | |
| | Turin ... | 1025.4 | 32 | - | 0 | b | 1022.7 | x | 27 | -3 | - | 0 | b | - | 7 | 27 | | | | | | | |
| | Pesaro ... | | | | | | | x | | | | | | | | | | | | | | | |
| | Leghorn ... | | | | | | | x | | | | | | | | | | | | | | | |
| | Rome ... | 1015.7 | 39 | ? | 1 | b | 1016.3 | x | 50 | +13 | SW | 1 | Y | 2 | 50 | 37 | | | | | | | |
| | Viesti ... | 1018.6 | 46 | NNE | 1 | o | 1019.1 | x | 46 | | E | 1 | c | - | 50 | 39 | | | | | | | |
| | Brindisi ... | 1014.2 | 57 | SE | 5 | o | 1018.9 | x | 54 | +2 | NW | 4 | b | ? | 57 | 48 | | | | | | | |
| | Cagliari ... | 1015.0 | 54 | NE | 3 | o | 1015.0 | x | 50 | -2 | NW | 3 | b | - | 68 | 48 | | | | | | | |
| | Palermo ... | 1015.3 | 52 | - | 0 | o | 1014.2 | x | 54 | -1 | SSW | 1 | Y | - | 64 | 46 | | | | | | | |
| | Tripoli ... | | | | | | | x | | | | | | | | | | | | | | | |

| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | |
|--------------------------------------------------------------------------------------------------|-----|----------------------|-------------------------|----------------------|
| 25 th AND 26 th NOV. 1918. | | Sunrise. | Noon. | Sunset. |
| | | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | .. | 7.33 7.34 | 11.40 11.40 | 3.47 3.46 |
| Greenwich ... | ... | 7.36 7.37 | 11.47 11.47 | 3.58 3.57 |
| Wick ... | ... | 8.24 | 11.59 | 3.33 |
| Valencia ... | ... | 8.27 8.19 8.20 | 11.59 12.28 12.28 | 3.31 4.37 4.33 |

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

| 25 th AND 26 th NOV. 1918. | Sunrise. | Noon. | Sunset. |
|--------------------------------------------------|----------|--------|---------|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7.33 | 11.40 | 3.47 |
| | 7.34 | 11.40 | 3.46 |
| Greenwich ... | 7.36 | 11.47 | 3.58 |
| | 7.37 | 11.47 | 3.57 |
| Wick ... | 8.24 | 11.59 | 3.33 |
| | 8.27 | 11.59 | 3.31 |
| Valencia ... | 8.19 | 12.28 | 4.37 |
| | 8.20 | 12.28 | 4.36 |

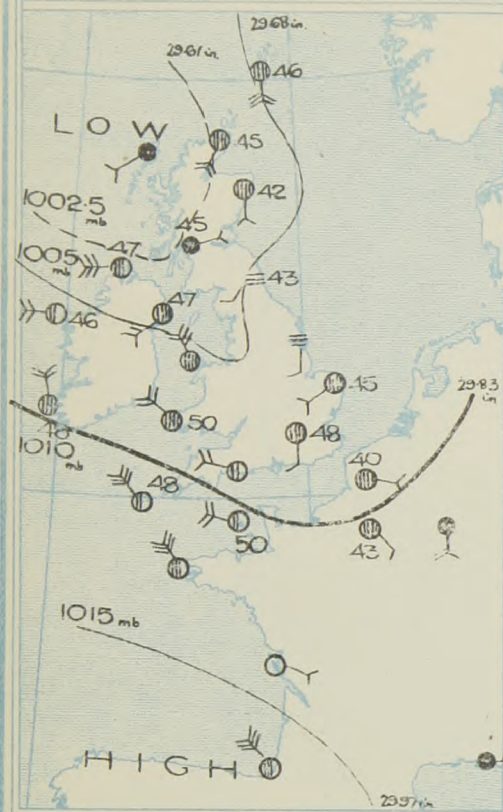
| LONDON | HUMIDITY. | | Sun-shine for 24 th Hours. | TEMPERATURE. | | | Rain-fall. | WEATHER. | | |
|--------------------------------------|------------------|------------------|---------------------------------------|--------------|------|----------------|------------|----------|------------|--------|
| | 15 h. | 9 h. | | Max. | Min. | Min. on Grass. | | Morning. | Afternoon. | Night. |
| 25 th NOVEMBER 9h. G.M.T. | 24 th | 25 th | 24 th | °F. | °F. | °F. | mm. | | | |
| GREENWICH (Royal Observatory) ... | 90 | 95 | 0.1 | 53 | 44 | 39 | 1 | o | c. d | c |
| CITY (Bunhill Row) .. | x | x | 0.0 | x | x | x | x | x | x | x |
| WESTMINSTER (St. James's Park) .. | 98 | 94 | 0.0 | 52 | 45 | 39 | 1 | x | x | x |
| " (Roof near Charing Cross) .. | 85 | 93 | 0.0 | 52 | 47 | x | 0.4 | odm | odm | odm |
| CAMDEN SQ. (British Rainfall) .. | x | 97 | 0.0 | 52 | 45 | 45 | 1 | x | x | x |
| KENSINGTON PALACE .. | 78 | 93 | x | 63 | 45 | 37 | 1 | om | r. or | x |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|---------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 24 th . | | |
| Total. | Average Rate. | Max. Rate. |
| joules. | Milliwatts. | Milliwatts. |
| - | - | - |

25TH, NOV, at 1h. G.M.T.

THE MORNING OF MONDAY, 25TH NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.

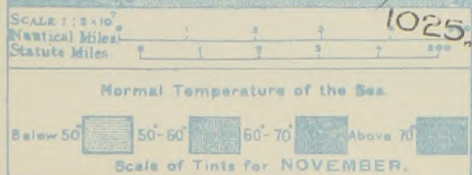
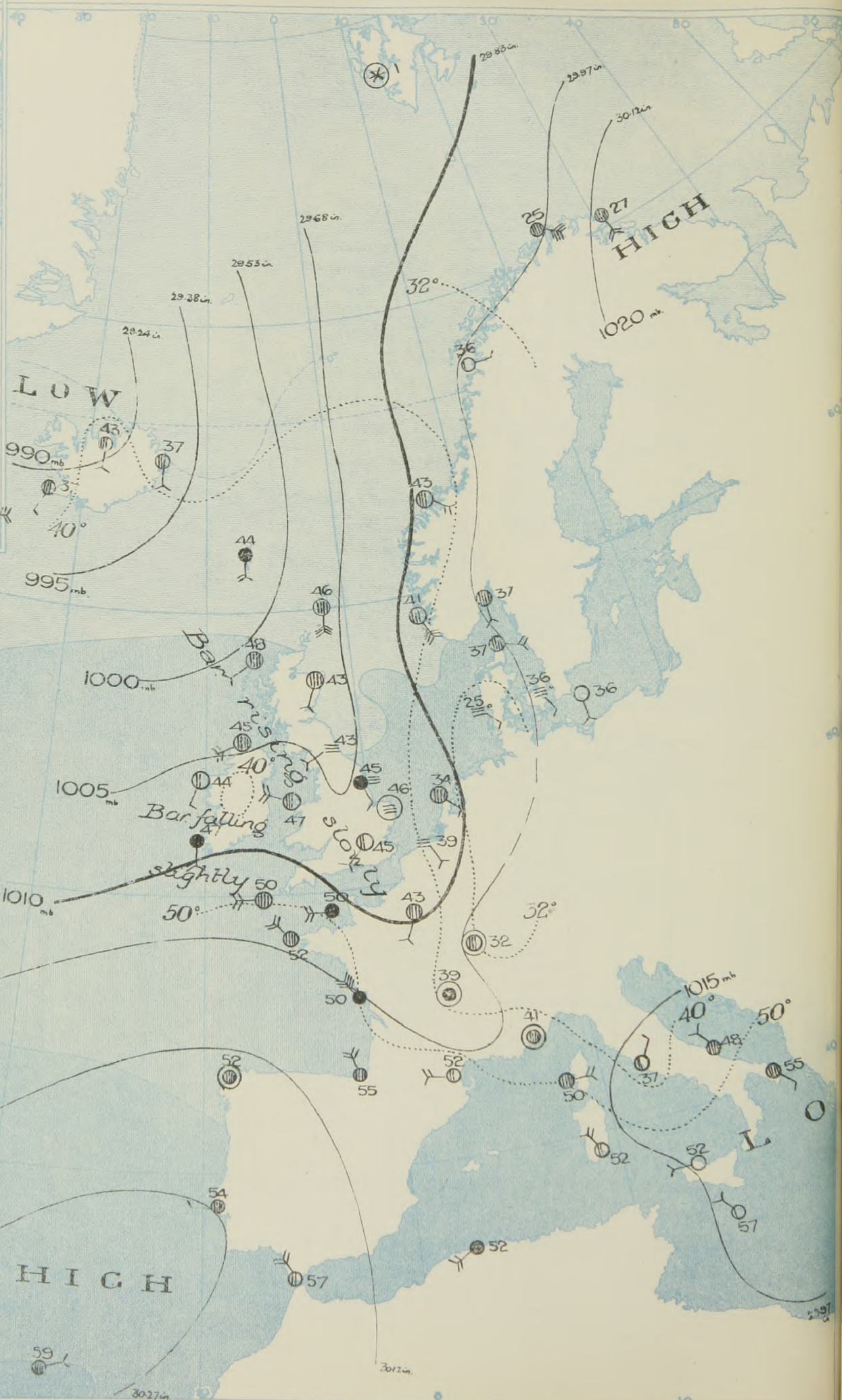
Force, on the scale 0-12, is indicated by the number of feathers. Calm.

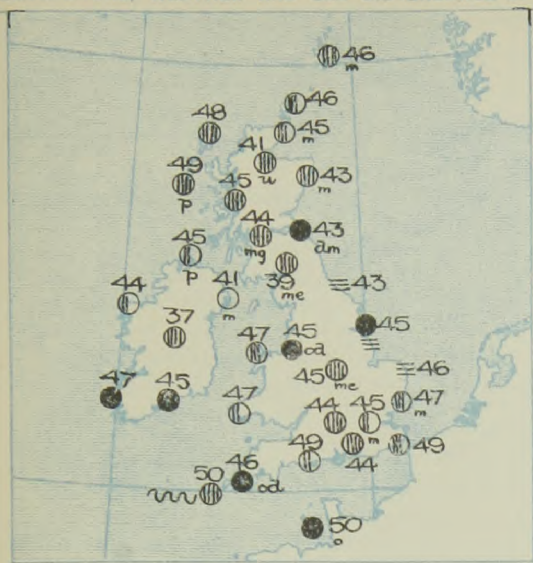
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

- clear sky.
- sky & clouded.
- sky & clouded.
- sky & clouded.
- overcast sky.
- rain falling.
- * snow.
- ▲ hail.
- ≡ fog.
- ≡ mist.
- T, thunder.
- Ts, thunderstorm.

SEA DISTURBANCE.—Rough. High.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

The weather of yesterday was characterised by little or no sunshine and rain or drizzle in nearly all districts, though the total precipitation was nowhere great. Fog or mist prevailed all day on the east coast of Great Britain, and occurred at times in the Irish Sea and SW. England. Air temperature was generally higher than of late.

The Conditions at 7h.

The main features of this morning's map are (1) the main depression over Iceland (2) a shallow V-shaped secondary depression over England and France, and (3) an anticyclone lying over the Madeira region. Southerly winds are blowing over the North Sea and the eastern half of Great Britain, strongly between Shetland and the Norwegian coast but elsewhere not exceeding a light breeze. The wind has backed again to South on the west coast of Ireland, where a slight fall of the barometer is in progress. Light to moderate WNW. winds prevail in Western England, Western France and the Bay of Biscay. Rain is falling in Southern Ireland, and locally in the Irish Sea, North Sea, Western Channel and Bay of Biscay. There is much mist or fog in the North Sea.

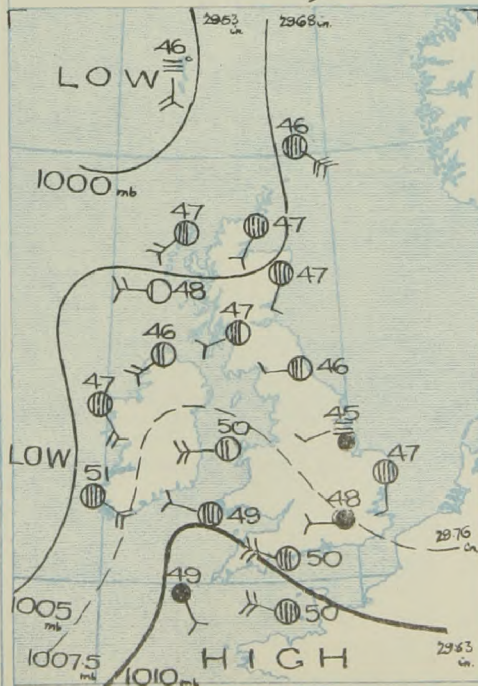
The Outlook

The V-shaped depression over England will move eastward causing a temporary veer of wind to W. or NW. over the eastern half of Great Britain. The fall of barometer in the south of Ireland will probably spread slowly eastward accompanied by winds backing to S. Mild but unsettled weather is probable for at least the next day or two.

A.A.

Monday, 25th

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



The new depression in the west is moving slowly eastward and is now affecting our west and south-west coasts from Blacksod Point to Scilly

| STATIONS. | | EVENING OF 24 th ... | | | | | MORNING OF 25 th ... | | | | | | | | | | 24 HOURS ENDED 7 th 25 th ... | | | | | Sun- shine for 24 th Hours. |
|------------------|-----------------------|---------------------------------------|--------------|-------|----------------|----------|-------------------------------------------|--------------------------|--------------|---------------------------|-------|----------------|---------------------------------|----------|-------------|-------------------------------------|-----------------------------------------------------|------|----------|------------|----------|----------------------------------------------------|
| | | Barom. Milli- bars at M.S.L. | TEMP. °F. | WIND. | | Weather. | Barometer. Milli- bars at M.S.L. | Change in 3 hours. | TEMP. | | WIND. | | Direc. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | |
| | | | | Dir. | Force 0-12. | | | | Dry Bulb. | Change in 24 hours. | Dir. | Force 0-12. | | | | | Max. | Min. | Morning. | Afternoon. | Night. | |
| BRITISH ISLANDS. | Lerwick | 1006.2 | 46 | ESE | 5 | fc | 1004.1 | 0 | 46 | 0 | S | 6 | - | om | 4 | 5 | 46 | 43 | fc | fr | om | |
| | Deerness (Orkney) | 1003.4 | 47 | S | 4 | bc | 1002.4 | * | 46 | -1 | S | 4 | - | c | 3 | - | 48 | 44 | c bc by | b bc om | oe c | 2.2 |
| | Stornoway | 1001.6 | 46 | SW | 2 | o | 1000.9 | +1 | 48 | +9 | SW | 2 | - | o | 1 | 2 | 48 | 38 | bc by | bc o | op o | 0.5 |
| | Castlebay (Barra Is.) | 1000.9 | 48 | SSE | 3 | o | 1002.7 | +2 | 49 | +6 | WNW | 4 | w | op | 4 | 2 | 49 | 42 | bc o.c | c o | op r op | 1.4 |
| | Glasgow | 1004.8 | 44 | SE | 1 | om | 1004.7 | +2 | 44 | -3 | W | 2 | - | omg | * | 11 | 49 | 43 | om p hm | c ad p m | om om | 0.5 |
| | Eskdalemuir | 1005.8 | 42 | - | 0 | od | 1005.3 | 0 | 39 | -4 | S | 1 | - | ome | * | 2 | 46 | 38 | ome om | om o od | od om | 0.5 |
| | Malin Head | 1001.2 | 45 | SSE | 3 | omg | 1003.3 | +4 | 45 | +1 | WSW | 4 | SW | bc p | 4 | 1 | 48 | 42 | om | om | bc p | 0.0 |
| | Blacksod Point | 1003.0 | 48 | W | 5 | omg | 1006.3 | 0 | 44 | 0 | SSW | 1 | - | bc | 4 | 1 | 51 | 43 | omg | omg | bc p bc | * |
| | Valencia (Cabiriveen) | 1008.9 | 50 | WNW | 5 | b | 1008.8 | -1 | 47 | -5 | S | 3 | - | or | 4 | 2 | 52 | 46 | c bc qv | c op b | bc c o | 1.6 |
| | Roche's Point | 1007.1 | 49 | WNW | 3 | bc | 1010.0 | 0 | 45 | -4 | W | 1 | - | r | 2 | 1 | 54 | 44 | op b | bc p | qv or | * |
| | Birr Castle | 1004.5 | 48 | SW | 1 | c | 1008.1 | * | 37 | -8 | S | 1 | - | o | * | 4 | 58 | 36 | ox | o qv | c o | 0.3 |
| | Donaghadee | 1001.9 | 47 | SSW | 2 | og m p d | 1006.4 | +3 | 41 | -2 | W | 3 | - | bm | 1 | 2 | 48 | 40 | cg m | og m p d | og m p b | * |
| | Liverpool (Bidston) | 1005.7 | 46 | SSE | 1 | o | 1005.5 | +1 | 46 | 0 | W | 3 | W | od | 2 | 3 | 48 | 43 | c | o | or | 0.7 |
| | Holyhead | 1004.4 | 46 | S | 4 | om | 1007.1 | +2 | 47 | -1 | WNW | 4 | NW | c | 4 | 6 | 50 | 44 | o c op | or f | or op c | 0.0 |
| | Pembroke (St. Ann's) | 1005.5 | 50 | W | 3 | c | 1009.9 | +3 | 47 | -2 | WNW | 3 | NW | bc | 3 | 7 | 51 | 47 | or m | o c | bc c ob | 0.0 |
| | Hartland Quay | 1006.9 | 52 | WSW | 3 | o | 1010.6 | +1 | 50 | +1 | WNW | 4 | NW | c | 4 | 6 | 52 | 47 | d m d | od f om | qv o c | * |
| | Scilly (St. Mary's) | 1009.3 | 53 | WNW | 6 | c | 1012.2 | 0 | 50 | +1 | W | 4 | W | o | 5 | 7 | 53 | 48 | cr b om | bc qv | bc o | 4.0 |
| | Falmouth | 1007.9 | 49 | WNW | 5 | bc m q | 1011.9 | +1 | 46 | -2 | WNW | 1 | - | od | * | 11 | 54 | 44 | op ed m | cam qv | od r | 1.1 |
| | Jersey (St. Aubin) | 1007.7 | 49 | S | 3 | b | 1011.1 | +1 | 50 | +1 | W | 4 | - | or | 3 | 7 | 52 | 48 | oe op | op or b | b or | 0.0 |
| | Portland Bill | 1006.3 | 49 | S | 4 | c | 1008.3 | +2 | 49 | -2 | NW | 3 | - | bc | 3 | 1 | 51 | 48 | c bc | qv | bc | * |
| | Dungeness | 1008.5 | 50 | SW | 3 | c | 1007.2 | 0 | 49 | +1 | SW | 3 | SW | c | 2 | 0.3 | 51 | 46 | c o | qv c | qv c | * |
| NORTHERN EUROPE. | Wick | 1003.4 | 47 | SSW | 3 | om | 1002.0 | 0 | 45 | -2 | SSW | 3 | - | om | 3 | - | 48 | 44 | o cm | cm | c om | * |
| | Nairn | 1002.5 | 42 | - | 0 | o | 1002.3 | * | 41 | -1 | - | 0 | - | ou | 1 | 2 | 46 | 38 | em | emo | oc qv | 1.5 |
| | Aberdeen | 1005.1 | 47 | S | 2 | om | 1004.5 | 0 | 43 | -3 | SSW | 2 | - | om | 2 | - | 48 | 42 | om b cm | om od m | bc m o | 0.2 |
| | Leith | 1004.5 | 46 | SW | 1 | o | 1003.4 | 0 | 43 | -6 | SW | 1 | - | od m | 1 | 2 | 51 | 43 | em b c | c bc c o | od om | * |
| | Tynemouth | 1005.9 | 46 | SSW | 1 | f | 1004.6 | 0 | 43 | +1 | SW | 2 | - | f | 2 | 0.4 | 47 | 42 | f | f | f | * |
| | Spurn Head | 1007.1 | 46 | S | 1 | f | 1005.9 | 0 | 45 | +1 | SSE | 1 | - | f | 3 | 2 | 46 | 43 | f | f | f | 0.0 |
| | Yarmouth (Gorleston) | 1010.1 | 46 | - | 0 | om | 1008.6 | 0 | 46 | +2 | - | 0 | - | f | 2 | - | 47 | 43 | f om | om | om f | 0.0 |
| | Clacton-on-Sea | 1008.6 | 48 | S | 1 | og m d | 1007.3 | 0 | 47 | +1 | S | 1 | - | f | 1 | 1 | 49 | 45 | og m p | c og m d | og bc | 0.3 |
| | Nottingham | 1006.9 | 46 | SW | 1 | o | 1005.9 | * | 45 | -2 | WSW | 1 | - | ome | * | 2 | 51 | 42 | op c | od | or | 0.2 |
| | Benson (Oxon.) | 1007.2 | 46 | S | 1 | o | 1006.6 | +2 | 44 | -3 | - | 0 | - | o | * | 5 | 51 | 44 | or | y o | or o | * |
| FRANCE, &c. | Sth Farnborough | 1008.2 | 48 | S | 2 | om | 1008.2 | +1 | 44 | -3 | SW | 2 | - | om | * | 2 | 52 | 43 | om | or om | or om | 0.0 |
| | Salisbury Plain | 1007.5 | 47 | SE | 4 | or | 1008.3 | +2 | 43 | -5 | W | 1 | W | bc | * | 3 | 50 | 36 | od | od y | od o bc | * |
| | London (Kew Obsy.) | 1008.0 | 49 | S | 1 | o | 1007.2 | +2 | 45 | -2 | SW | 2 | W | hm | * | 2 | 51 | 45 | o om | om p om | om bc | 0.0 |
| | Spitsbergen | 1011.9 | -6 | SE | 1 | b | 1006.6 | -1 | 1 | +5 | - | 0 | * | S | * | - | -6 | -17 | | | | |
| | Vardø | 1015.5 | 25 | N | 4 | c | 1021.0 | 0 | 27 | +2 | S | 4 | - | o | 3 | * | 27 | 23 | | | | |
| | Gjesvær | 1010.1 | 25 | E | 1 | c | 1013.7 | 0 | 25 | +2 | SE | 7 | - | o | 3 | - | 27 | 21 | | | | |
| | Bodø | 1011.4 | 39 | ?NE | 3 | c | 1015.8 | 0 | 36 | -5 | E | 1 | - | b | 1 | ? | 41 | 32 | | | | |
| | Christiansund | 1013.5 | 41 | E | 2 | b | 1010.3 | -1 | 43 | -2 | ? | 3 | - | c | 3 | 1 | 45 | 41 | | | | |
| | Skudesnaes | 1011.9 | 45 | W | 5 | b | 1011.5 | +3 | 41 | -5 | SSE | 7 | - | c | 5 | - | 46 | 39 | | | | |
| | Færder (Xiania Fjord) | 1015.5 | 41 | S | 4 | o | 1016.4 | +1 | 37 | -6 | S | 2 | - | o | 2 | - | 43 | 36 | | | | |
| IBERIA, &c. | The Scaw (Skagen) | 1015.1 | 37 | SSE | 3 | m | 1014.9 | 0 | 37 | 0 | ESE | 3 | - | o | 3 | - | 41 | 36 | | | | |
| | Blaavands Huk | 1013.6 | 36 | SSE | 2 | o | 1012.8 | +1 | 25 | -5 | SE | 1 | - | m | * | - | 37 | 23 | | | | |
| | Copenhagen | 1016.7 | 34 | SSE | 1 | b | 1015.5 | 0 | 36 | +2 | SSE | 1 | - | m | * | - | 37 | 30 | | | | |
| | Bornholm | 1017.9 | 34 | S | 2 | m | 1016.4 | -2 | 36 | +2 | S | 2 | - | b | * | - | 37 | 32 | | | | |
| | The Helder | 1010.3 | 32 | SE | 2 | m | 1008.8 | 0 | 34 | +7 | SE | 1 | - | o | * | Trace | 36 | 25 | | | | |
| | C. Gris Nez | 1009.0 | 45 | S | 2 | o | 1008.6 | 0 | 45 | 0 | S | 3 | - | c | * | ? | 48 | 43 | | | | |
| | La Hève | 1010.4 | 43 | SSW | 3 | o | 1009.2 | 0 | 48 | +8 | SW | 4 | - | o | * | 1 | 50 | 43 | | | | |
| | Brest (St. Mathieu) | 1011.1 | 50 | WNW | 5 | c | 1014.7 | +1 | 52 | 0 | NW | 4 | - | o | * | 13 | 54 | 46 | | | | |
| | Rochefort (Ile d'Aix) | 1010.6 | 50 | SW | 5 | r | 1015.4 | +2 | 50 | | NW | 7 | - | y | * | 10 | 55 | 48 | | | | |
| | Biarritz | 1015.3 | 48 | WSW | 4 | c | 1018.9 | +1 | 55 | +3 | NW | 4 | - | o | * | 6 | 57 | 48 | | | | |
| MEDITERRANEAN. | Paris | 1010.6 | 41 | S | 2 | o | 1009.9 | 0 | 43 | +11 | SSW | 2 | - | o | * | 3 | 43 | 32 | | | | |
| | Belfort | 1016.0 | * | - | 0 | y | 1016.0 | * | 32 | +11 | - | 0 | - | c | * | 1 | 39 | 7 | | | | |
| | Lyons | 1015.5 | 39 | - | 0 | y | 1014.0 | 0 | 39 | +2 | - | 0 | - | y | * | 1 | 45 | 39 | | | | |
| | Nice | 1015.4 | 0 | 41 | +5 | - | 1015.4 | 0 | 41 | +5 | - | 0 | - | o | * | - | 50 | 39 | | | | |
| | Perpignan | 1015.4 | +3 | 52 | +7 | W | 1015.4 | +3 | 52 | +7 | W | 3 | - | bc | * | 6 | 52 | 43 | | | | |
| | Sanguinaire | 1015.4 | +3 | 52 | +7 | W | 1015.4 | +3 | 52 | +7 | W | 3 | - | bc | * | 6 | 52 | 43 | | | | |
| | Corunna | 1021.9 | 57 | W | 2 | bc | 1022.1 | 0 | 52 | -5 | - | 0 | - | o | 3 | 1 | 61 | 48 | | | | |
| | Madrid | 1024.0 | 59 | NNW | 2 | o | 1025.0 | +1 | 54 | | W | 1 | - | o | 5 | 1 | 61 | 54 | | | | |
| | Lisbon | 1022.0 | * | S | 6 | m | 1018.1 | -2 | 64 | 0 | S | 6 | - | y | 4 | - | 68 | 64 | | | | |
| | Azores (Horta) | 1022.0 | * | S | 6 | m | 1018.1 | -2 | 64 | 0 | S | 6 | - | y | 4 | - | 68 | 64 | | | | |
| MEDITERRANEAN. | Madeira | 1026.6 | 44 | NE | 2 | o | 1026.1 | +1 | 59 | 0 | ENE | 2 | N | o | 3 | - | 70 | 59 | | | | |
| | Gibraltar | 1024.4 | 56 | E | 5 | b | 1022.7 | * | 57 | | NW | 4 | - | bc | 2 | - | 62 | 50 | | | | |
| | Algiers | 1020.2 | 55 | - | 0 | b | 1017.0 | 0 | 52 | -2 | SW | 4 | - | y | 4 | 4 | 61 | 52 | | | | |
| | Malta | * | * | * | * | * | 1013.5 | +1 | 57 | 0 | NW | 2 | NW | b | 2 | 1 | 63 | 54 | | | | |

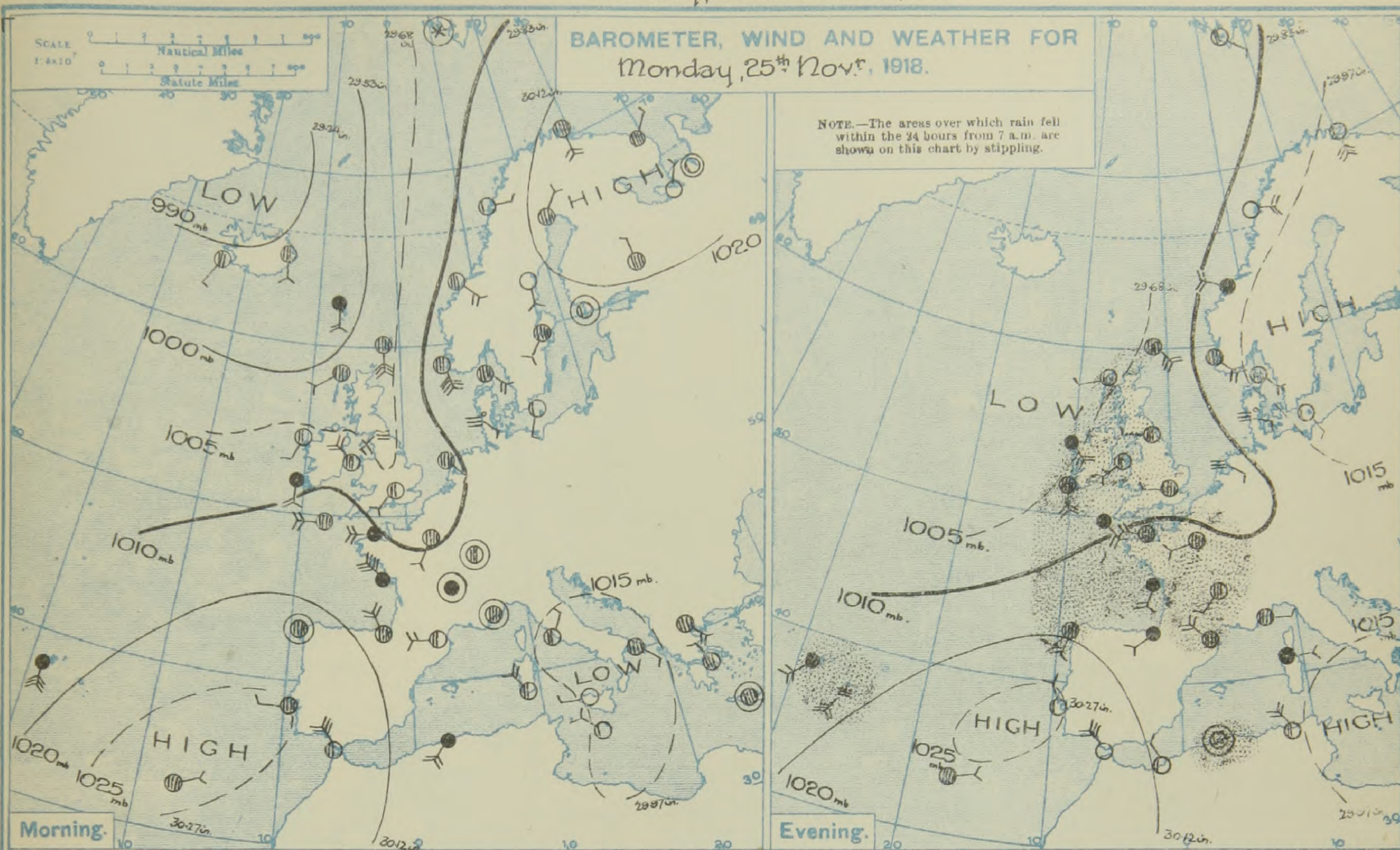
THE BEAUFORT SCALE OF
WIND FORCE.

| No. | Limits of Velocity. | |
|-----|----------------------------|-----------------------|
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0.3 |
| 1 | 1-3 | 0.3-1.5 |
| 2 | 4-7 | 1.6-3.3 |
| 3 | 8-12 | 3.4-5.4 |
| 4 | 13-18 | 5.5-7.9 |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20823. Tuesday, 26th November, 1918.

BAROMETER, WIND AND WEATHER FOR Monday, 25th Nov^r, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 25TH NOVEMBER

| STATIONS. | | EVENING OF 24 TH | | | | | MORNING OF 25 TH | | | | | | | | | | MORNING OF 25 TH | | | | | | |
|--------------|--------------------------------------------------------------------------------------------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|-------------------------------------------|--------------|---------------------------|---------|----------|----------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. | Change in 24 hours. | Dirac. | | Force 0-12. |
| | | ° F. | | | | | | | ° F. | ° F. | | | | ° F. | ° F. | | | ° F. | ° F. | | | | |
| RUSSIA. | Orlov ... | × | × | × | × | × | | | | | | | | × | × | | | | | | | | |
| | Kem ... | × | × | × | × | × | | | | | | | | × | × | | | | | | | | |
| | Archangel ... | × | × | × | × | × | | | | | | | | × | × | | | | | | | | |
| | Mesen ... | × | × | × | × | × | | | | | | | | × | × | | | | | | | | |
| SWEDEN. | Haparanda ... | | | | | | 1022.0 | × | 25 | -5 | NE | 2 | 0 | × | × | × | | | | | | | |
| | Hernösand .. | | | | | | 1019.7 | × | 25 | -3 | S | 2 | 0 | × | × | × | | | | | | | |
| | Stockholm ... | | | | | | 1018.1 | × | 39 | -6 | SW | 2 | 0 | × | × | × | | | | | | | |
| | Wisby ... | | | | | | 1019.4 | × | 37 | +1 | S | 2 | 0 | × | × | × | | | | | | | |
| | Sordovalva ... | | | | | | 1016.8 | × | 28 | 0 | N | 1 | 0 | × | × | × | | | | | | | |
| | Hangö ... | | | | | | 1019.5 | × | 30 | -2 | - | 0 | 0 | × | × | × | | | | | | | |
| ITALY. | Venice ... | | | | | | 1016.7 | × | 30 | +3 | - | 0 | 0 | - | 41 | 28 | | | | | | | |
| | Turin ... | 1018.7 | ? | - | 0 | b | | × | | | | | | | | | | | | | | | |
| | Pesaro ... | 1017.5 | 34 | NW | 3 | s | 1015.8 | × | 36 | | WSW | 1 | bc | 10 | 39 | 32 | | | | | | | |
| | Leghorn ... | 1014.7 | 41 | - | 0 | b | 1014.5 | × | 39 | | - | 0 | c | 7 | 41 | 34 | | | | | | | |
| | Rome ... | 1014.5 | 45 | - | 0 | g | 1014.7 | × | 37 | -13 | NE | 1 | bc | 7 | 46 | 36 | | | | | | | |
| | Viesti ... | 1017.1 | 52 | NW | 2 | r | 1012.6 | × | 48 | +2 | NW | 2 | 0 | 6 | 54 | 39 | | | | | | | |
| | Brindisi ... | 1014.1 | 55 | SE | 2 | r | 1010.2 | × | 55 | +1 | SE | 1 | 0 | 30 | 59 | 50 | | | | | | | |
| | Cagliari ... | 1013.7 | 52 | NW | 3 | bc | 1015.3 | × | 52 | +2 | NW | 3 | bc | 3 | 66 | 48 | | | | | | | |
| | Palermo ... | 1012.5 | 54 | - | 0 | 0 | 1015.0 | × | 52 | -2 | W | 1 | b | 30 | 59 | 48 | | | | | | | |
| | Tripoli ... | | | | | | | × | | | | | | | | | | | | | | | |
| | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | | | | | | | | | | | 26 TH & 27 TH 1918. | Sunrise. | Noon. | Sunset. | | |
| | | | | | | | | | | | | | | | | | | G.M.T. | G.M.T. | G.M.T. | | | |
| | Yarmouth ... | | | | | | | | | | | | | | | | | 7.34 | 11.40 | 3.46 | | | |
| | Greenwich ... | | | | | | | | | | | | | | | | | 7.36 | 11.41 | 3.45 | | | |
| Wick ... | | | | | | | | | | | | | | | | | 7.37 | 11.47 | 3.57 | | | | |
| Valencia ... | | | | | | | | | | | | | | | | | 7.39 | 11.48 | 3.56 | | | | |
| | | | | | | | | | | | | | | | | | 8.27 | 11.59 | 3.31 | | | | |
| | | | | | | | | | | | | | | | | | 8.30 | 12.0 | 3.29 | | | | |
| | | | | | | | | | | | | | | | | | 8.20 | 12.28 | 4.36 | | | | |
| | | | | | | | | | | | | | | | | | 8.22 | 12.29 | 4.3 | | | | |

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

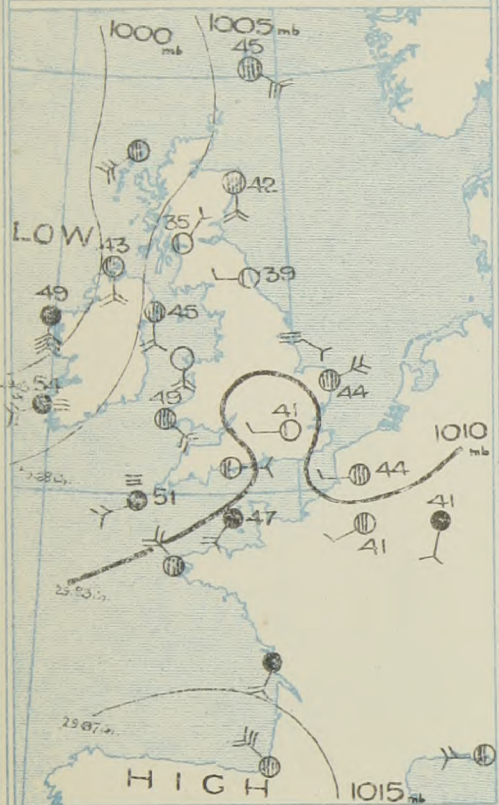
| 26 TH & 27 TH 1918. | Sunrise. | Noon. | Sunset. |
|-------------------------------------------|----------|--------|---------|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7.34 | 11.40 | 3.46 |
| Greenwich ... | 7.36 | 11.41 | 3.45 |
| Wick ... | 7.37 | 11.47 | 3.57 |
| Valencia ... | 7.39 | 11.48 | 3.56 |
| | 8.27 | 11.59 | 3.31 |
| | 8.30 | 12.0 | 3.29 |
| | 8.22 | 12.28 | 4.36 |
| | 8.22 | 12.29 | 4.35 |

| LONDON | | | | | | | | | | SOUTH KENSINGTON (M.O.) | | | | | | | | | |
|--------------------------------------|------|------------------|------------------|--------------|------|----------------|-----|------------|----|-------------------------------------------------------------------------------------|------------|--------|---|---------|-------------|---------------|--|------------|--|
| 26 TH NOVEMBER 9h. G.M.T. | | | | | | | | | | Vertical Component of Solar Radiation per square Centimetre during 25 TH | | | | | | | | | |
| HUMIDITY. | | Sun-shine for | | TEMPERATURE. | | | | Rain-fall. | | WEATHER. | | | | Total. | | Average Rate. | | Max. Rate. | |
| 15 h. | 9 h. | 25 TH | 26 TH | Max. | Min. | Min. on Grass. | | mm. | | Morning. | Afternoon. | Night. | | Joules. | Milliwatts. | Milliwatts. | | | |
| 90 | 99 | 0.0 | 49 | 32 | 24 | 4 | 0 | 0 | b | 0 | | | | 187 | 6.2 | 18 | | | |
| CITY (Cunhill Row) ... | * | * | 0.0 | * | * | * | * | * | * | * | * | * | * | | | | | | |
| WESTMINSTER (St. James's Park) ... | 95 | 99 | 0.0 | 50 | 34 | 28 | 1 | 0 | om | opm | od. bc. qd | | | | | | | | |
| " (Roof near Charing Cross) ... | 92 | 94 | 0.0 | 50 | 38 | * | 0.8 | 0 | or | * | * | * | | | | | | | |
| CAMDEN SQ. (British Rainfall) ... | 92 | 100 | 0.0 | 51 | 33 | 33 | 2 | 0 | or | * | * | * | | | | | | | |
| KENSINGTON PALACE ... | 87 | 96 | * | 50 | 34 | 21 | 0.9 | 0 | b | 0 | * | * | | | | | | | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

26th, NOV, at 1h. G.M.T.

THE MORNING OF TUESDAY, 26th NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers. Calm

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

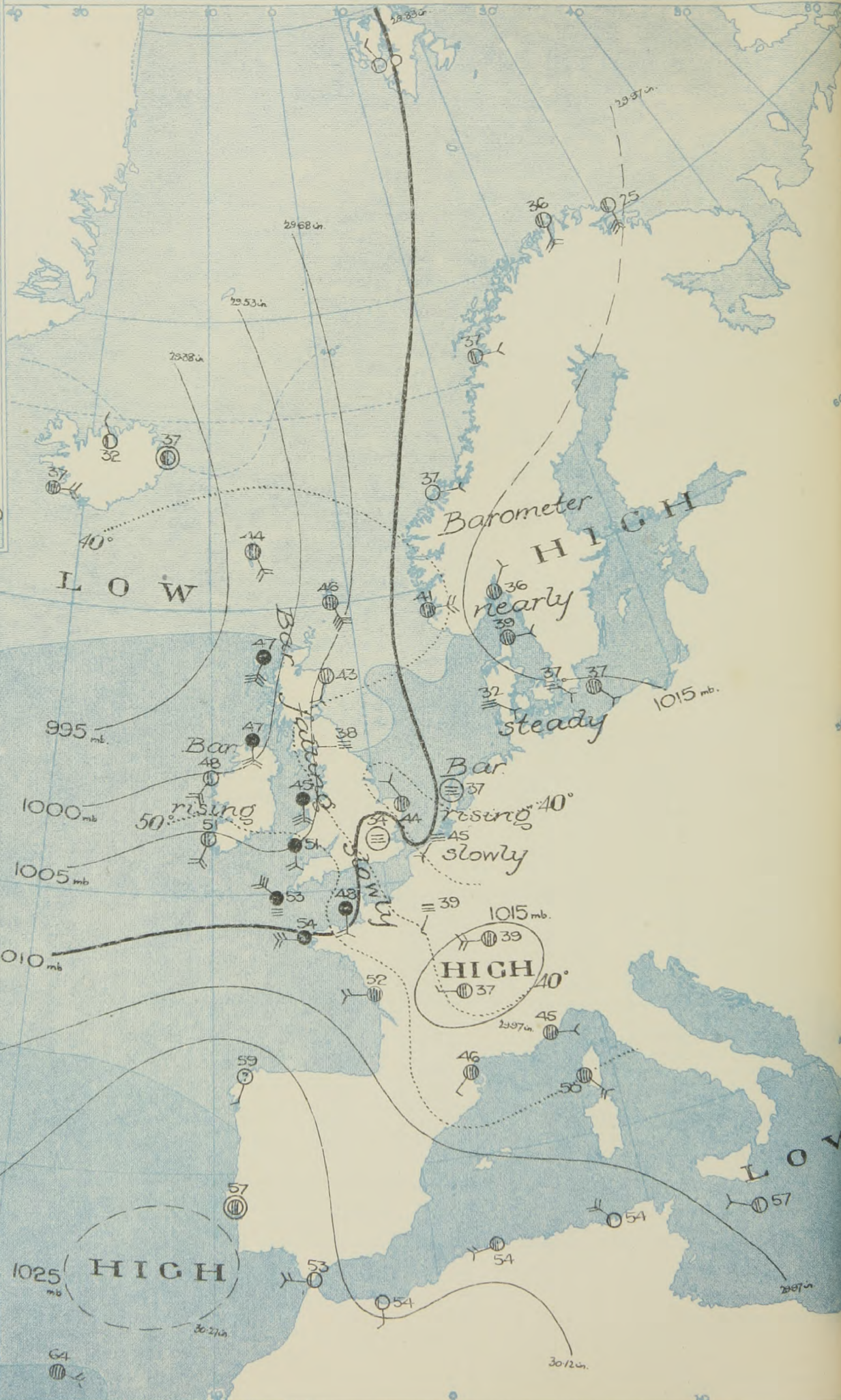
WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded.

○ sky & clouded. ○ overcast sky. ● rain falling.

✕ snow. ▲ hail. ≡ fog. ≡ mist. T. thunder.

SEA DISTURBANCE.—Rough. High.



Notes on the Weather of the 24 hours ended 7h. Today

The day was again almost sunless over the Southern half of the British Isles, but moderately good records were obtained locally in the north and north-west (5.7 hours at Holyhead). Rain fell all day at Scilly and small or moderate amounts of precipitation occurred at nearly all stations. Mist or fog again prevailed over the North Sea area and also at times in the Irish Sea and Western Channel. Air temperature fell to below 32° inland in Southern England at night.

The Conditions at 7h. Today

The disturbance which was affecting our south-west coasts yesterday has developed into a V-shaped depression of some intensity, the trough of which now lies over Ireland. Early this morning wind freshened from South to gale force at Blacksod Point and remains strong on our North-western coasts. The shallow V-depression which was over England yesterday is still discernible over the Southern North Sea. Over Eastern England and the North Sea winds are very light, and there is much fog. Rain is falling over a large area, including the west of Scotland, Northern Ireland, Wales, South-West England and the Western Channel. Pressure continues low to north-west of the British Isles, and high in the region of Madeira.

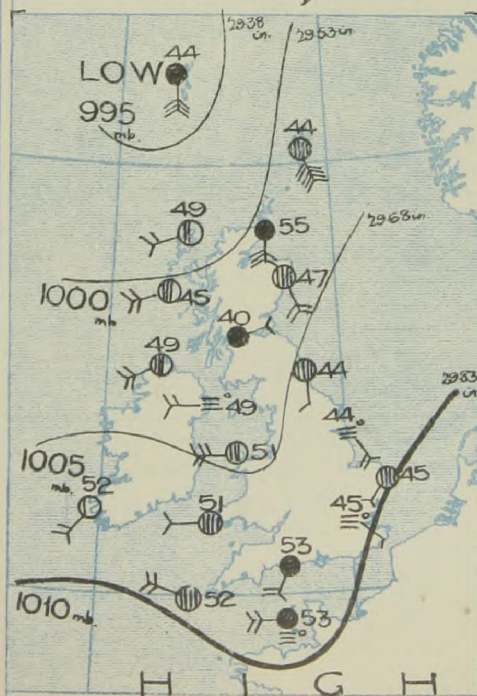
The Outlook

The disturbance over Ireland will move eastward or north-eastward causing freshening Southerly winds and rain over Great Britain. Weather shows an improvement in the west of Ireland (where the barometer is now rising), and this improvement will probably extend eastward during the day. The wind shows little tendency to veer, and it would appear probable that the type of distribution will become South-Westerly. Weather will continue mild but rather unsettled.

J.L.H.

Tuesday, 26th

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



This morning's inference is confirmed.

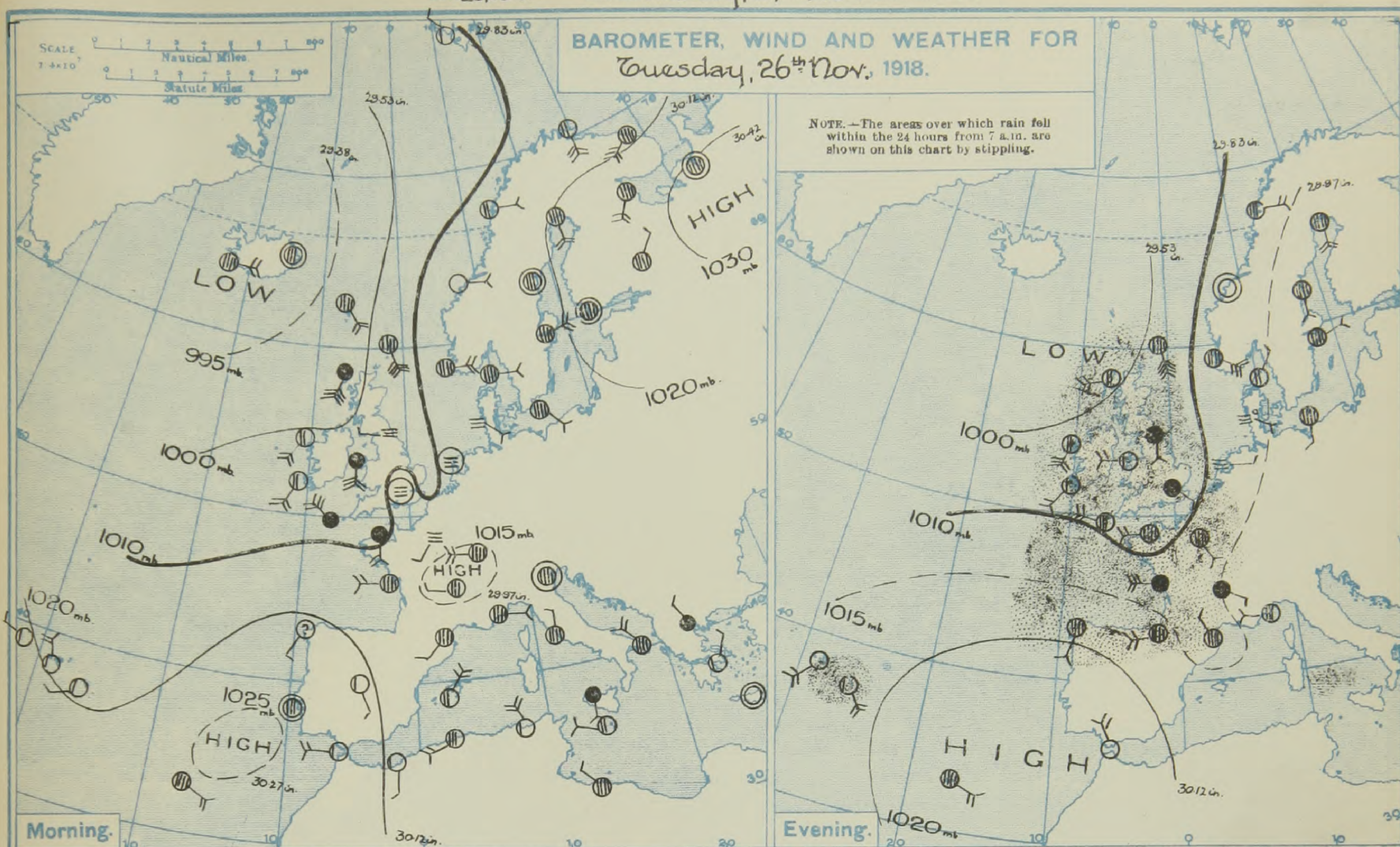
| STATIONS. | EVENING OF 25 TH | | | | | MORNING OF 26 TH | | | | | | | | | | 24 HOURS ENDED 7 h. 26 TH | | | | | | | | | | Sun- shine for 25 TH Hours. |
|------------------|---------------------------------------|--------------|-------|----------------|----------|---------------------------------------|---------------------------|--------------|--------------|---------------------------|-------|----------------|-------------------------------|----------|-------------|--------------------------------------|-------|------|----------|------------|---------|-----|--|--|--|----------------------------------------------------|
| | Barom. Milli- bars at M.S.L. | Temp. °F. | WIND. | | Weather. | Barom. Milli- bars at M.S.L. | Change in 24 hours. | Temp. °F. | Dry Bulb. | Change in 24 hours. | WIND. | | Dir. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | | | | |
| | | | Dir. | Force 0-12. | | | | | | | Dir. | Force 0-12. | | | | | Max. | Min. | Morning. | Afternoon. | Night. | | | | | |
| BRITISH ISLANDS. | Lerwick | 1005.7 | 46 | SE | 5 | om | 1003.8 | -1 | 46 | 0 | SSE | 7 | - | om | 5 | 1 | 46 | 43 | om | om | om | 0.6 | | | | |
| | Deerness (Orkney) | 1005.9 | 46 | SW | 2 | c | 1001.7 | -4 | 46 | 0 | SSE | 5 | - | cq | 5 | - | 48 | 44 | c.bc | bc.c | c.o.c | 3.1 | | | | |
| | Stornoway | 1004.8 | 44 | WSW | 2 | b | 997.3 | -4 | 47 | -1 | SSW | 6 | - | opq | 5 | 1 | 48 | 42 | a.cd.p | c.b | opq | 2.0 | | | | |
| | Castlebay (Barra Isd.) | 1005.1 | 47 | SE | 3 | op | 997.3 | -3 | 49 | 0 | S | 5 | - | r | 5 | 1 | 49 | 45 | op.b | b.op | op.b.c | 1.7 | | | | |
| | Glasgow | 1008.3 | 42 | WSW | 1 | CZ | 1004.5 | -3 | 40 | -4 | E | 2 | - | omr | * | 2 | 47 | 35 | om.cm | o.c | c.b.omr | 2.4 | | | | |
| | Esdaletmuir | 1009.2 | 33 | - | 0 | bfx | 1006.6 | -2 | 36 | -3 | S | 2 | - | o | * | 0.3 | 45 | 30 | ome.cm | bcx.bx | b.f.ome | 2.1 | | | | |
| | Malin Head | 1004.9 | 43 | S | 3 | cm | 996.2 | -2 | 47 | +2 | S | 5 | - | ogp | 4 | 3 | 48 | 40 | bcm | bcm | ogp | 2.1 | | | | |
| | Blacksod Point | 1002.8 | 45 | SE | 4 | omg.p | 1000.3 | +4 | 48 | +4 | SW | 4 | - | bcm | 6 | 5 | 50 | 43 | ogm | bc.ogm | og.bcm | 0.0 | | | | |
| | Valencia (Cahirciveen) | 1005.2 | 51 | SSE | 4 | o | 1005.3 | +3 | 51 | +4 | SW | 4 | - | bc | * | 10 | 55 | 46 | or.pd | o | or.o.c | 0.0 | | | | |
| | Roche's Point | 1007.8 | 48 | SE | 4 | r | 1003.3 | * | 48 | +11 | W | 1 | - | o | * | 6 | 51 | 36 | ro | ofd | oro | 0.0 | | | | |
| NORTH EUROPE. | Birr Castle | 1006.9 | 46 | S | 1 | o | 1002.1 | -2 | 48 | +7 | S | 4 | - | ogm.qp | 4 | 1 | 49 | 40 | bmbf | bc.f | m.ogm | 1.9 | | | | |
| | Donaghadee | 1008.0 | 41 | SW | 2 | bfe | 1002.1 | -2 | 48 | +7 | S | 4 | - | ogm.qp | 4 | 1 | 49 | 40 | bmbf | bc.f | m.ogm | 1.9 | | | | |
| | Liverpool (Bidston) | 1009.0 | 43 | WNW | 1 | b | 1006.9 | -2 | 37 | -9 | SE | 3 | - | r | 2 | 1 | 48 | 33 | p.b.c | bc.b | c.or | 5.7 | | | | |
| | Holyhead | 1008.8 | 48 | SW | 2 | bcx | 1004.0 | -1 | 45 | -2 | S | 5 | - | orm | 4 | 4 | 50 | 39 | c.bc | bc.c | c.b.c | 0.2 | | | | |
| | Pembroke (St. Ann's) | 1009.7 | 48 | SE | 2 | o | 1005.0 | -1 | 51 | +4 | S | 3 | - | odm | 3 | 5 | 51 | 47 | bc.c.o | o.c.o | ovrod | 0.2 | | | | |
| | Hartland Quay | 1010.3 | 50 | SW | 2 | o | 1006.0 | -1 | 50 | 0 | S | 4 | - | o | 4 | 4 | 51 | 46 | c.o | d | o.rod | * | | | | |
| | Scilly (St. Mary's) | 1009.6 | 49 | SE | 3 | omd | 1007.1 | 0 | 53 | +3 | WNW | 5 | - | fr | 4 | 12 | 53 | 47 | or | oromd | fr | 0.0 | | | | |
| | Falmouth | 1009.9 | 47 | - | 0 | oem | 1006.7 | -2 | 51 | +5 | S | 1 | - | fe | 3 | 7 | 51 | 45 | odr | roem | df | 0.0 | | | | |
| | Jersey (St. Aubin) | 1011.1 | 49 | W | 3 | o | 1009.6 | -1 | 48 | -2 | S | 3 | - | or | 3 | 5 | 52 | 47 | oro.co | ogp | or | 0.2 | | | | |
| | Portland Bill | 1009.3 | 50 | WNW | 2 | c | 1008.6 | -2 | 50 | +1 | S | 4 | - | r | 3 | 1 | 53 | 46 | bc | bc.c | bc.p | * | | | | |
| FRANCE, &c. | Dungeness | 1007.8 | 44 | WNW | 3 | o | 1010.2 | +1 | 35 | -14 | NW | 2 | - | b | 2 | - | 50 | 33 | cp.b | c.o | cbx.x | * | | | | |
| | Wick | 1005.4 | 45 | - | 0 | om | 1002.2 | -4 | 45 | 0 | S | 5 | - | o | 4 | - | 48 | 43 | cm.om | om | omg | 4.5 | | | | |
| | Nairn | 1006.5 | 41 | - | 0 | bc | 1001.7 | * | 41 | 0 | WSW | 2 | - | cq | 2 | 0.2 | 47 | 33 | o.bc | bc | bcx.c | 0.0 | | | | |
| | Aberdeen | 1007.3 | 42 | - | 0 | om | 1005.8 | -1 | 43 | 0 | SSW | 2 | - | cm | 2 | - | 48 | 38 | om.ccm | bcm.om | omcm | 0.0 | | | | |
| | Leith | 1006.9 | 46 | SW | 1 | c | 1005.1 | -1 | 38 | -5 | SE | 1 | - | o | 1 | - | 48 | 36 | dmo.c | d | cm.c | * | | | | |
| | Tynemouth | 1007.4 | 46 | W | 1 | cm | 1007.7 | 0 | 38 | -5 | W | 1 | - | f | 2 | - | 48 | 35 | f | cm | bmf | 0.0 | | | | |
| | Spurn Head | 1007.3 | 44 | WSW | 1 | f | 1008.7 | 0 | 44 | -1 | SSE | 1 | - | f | 2 | 2 | 45 | 44 | fd | f | f | 0.0 | | | | |
| | Yarmouth (Gorleston) | 1008.3 | 46 | - | 0 | f | 1009.7 | +1 | 44 | -2 | NW | 2 | - | om | 2 | 1 | 48 | 44 | fom | omf | fomp | 0.0 | | | | |
| | Clacton-on-Sea | 1007.5 | 46 | W | 1 | mog | 1010.4 | +2 | 43 | -4 | WNW | 1 | - | ogm | 1 | 2 | 47 | 43 | cm.pog | ogmd | ogm | 0.0 | | | | |
| | Nottingham | 1008.8 | 42 | W | 2 | c | 1009.2 | * | 32 | -13 | W | 1 | - | f | * | 1 | 49 | 30 | opm | om | c.bm | 0.0 | | | | |
| IBERIA, &c. | Benson (Oxon.) | 1009.3 | 41 | - | 0 | o | 1009.3 | -2 | 32 | -12 | - | 0 | - | o | * | 1 | 49 | 29 | oro | o | bc.bx | * | | | | |
| | Sth Farnborough | 1009.2 | 41 | WNW | 2 | b | 1010.2 | -1 | 33 | -11 | SE | 2 | - | cmx | * | 1 | 50 | 26 | ormo | o.bc.ob | f.bcmz | 0.9 | | | | |
| | Salisbury Plain | 1010.1 | 36 | NW | 2 | b | 1009.7 | -2 | 33 | -10 | - | 0 | - | om | * | Trace | 49 | 26 | bc.p.b | b | cm.c | 0.4 | | | | |
| | London (Kew Obsy.) | 1009.1 | 46 | W | 1 | o | 1010.5 | 0 | 34 | -11 | - | 0 | - | fx | * | 0.4 | 49 | 33 | bcm.ccm | od.oro.cm | cm.ccm | 0.4 | | | | |
| | Spitsbergen | 1005.1 | 12 | SE | 1 | bc | 1009.7 | +2 | -0 | -1 | NNW | 1 | * | b | * | * | 12 | -6 | | | | | | | | |
| | Vardø | 1016.2 | 23 | S | 6 | b | 1014.3 | -1 | 25 | -2 | S | 5 | - | bc | 3 | * | 27 | 23 | | | | | | | | |
| | Gjesvær | 1012.7 | 34 | S | 6 | bc | 1010.7 | * | 36 | +11 | S | 4 | - | bc | 4 | - | 27 | 21 | | | | | | | | |
| | Bodø | 1014.3 | 36 | R | 4 | b | 1012.6 | 0 | 37 | +1 | E | 2 | - | bc | 2 | - | 36 | 32 | | | | | | | | |
| | Christiansund | 1011.8 | 45 | WNW | 4 | r | 1012.6 | 0 | 37 | -6 | E | 2 | - | b | 3 | 3 | 45 | 37 | | | | | | | | |
| | Skudesnaes | 1013.2 | 41 | SE | 4 | o | 1013.5 | -1 | 41 | 0 | E | 4 | - | o | 4 | - | 41 | 37 | | | | | | | | |
| MEDITERRANEAN. | Færder (X'ania Fjord) | 1017.3 | 36 | ENE | 1 | o | 1017.3 | +0 | 36 | -1 | NE | 2 | - | o | 1 | - | 37 | 34 | | | | | | | | |
| | The Scaw (Skagen) | 1015.3 | 41 | SE | 2 | o | 1015.3 | 0 | 39 | +2 | E | 2 | - | o | 1 | - | 43 | 37 | | | | | | | | |
| | Blaavands Huk | 1012.8 | 28 | ESE | 1 | m | 1013.5 | -1 | 32 | +7 | ESE | 2 | - | f | * | - | 32 | 25 | | | | | | | | |
| | Copenhagen | 1014.9 | 37 | SE | 2 | bc | 1015.0 | +0 | 37 | +1 | SE | 2 | - | m | * | - | 37 | 34 | | | | | | | | |
| | Bornholm | 1016.0 | 36 | SSE | 1 | m | 1014.9 | 0 | 37 | +1 | SSE | 2 | - | o | 0 | - | 37 | 32 | | | | | | | | |
| | The Helder | 1008.6 | 36 | ESE | 1 | f | 1010.6 | +2 | 37 | +3 | - | 0 | - | f | 0 | Trace | 39 | 34 | | | | | | | | |
| | C. Gris Nez | 1008.3 | 46 | W | 3 | o | 1010.9 | +1 | 45 | 0 | WNW | 1 | * | f | * | 3 | 50 | 45 | | | | | | | | |
| | La Hève | 1010.3 | 48 | WNW | 4 | o | 1012.8 | +0 | 45 | -3 | SSE | 1 | * | m | * | Trace | 50 | 43 | | | | | | | | |
| | Brest (St. Mathieu) | 1010.4 | 50 | SSE | 3 | o | 1010.1 | -1 | 54 | +2 | W | 5 | * | r | * | 8 | 54 | 46 | | | | | | | | |
| | Rochefort (le d'Aix) | 1014.1 | 48 | SSW | 3 | r | 1013.0 | +2 | 52 | +2 | W | 3 | * | o | * | 15 | 55 | 46 | | | | | | | | |
| MEDITERRANEAN. | Biarritz | 1015.9 | 54 | SW | 2 | r | 1013.3 | +2 | 39 | -4 | SSW | 1 | * | f | * | Trace | 52 | 36 | | | | | | | | |
| | Paris | 1011.0 | 46 | WSW | 2 | o | 1015.7 | * | 39 | +7 | W | 4 | * | o | * | 9 | 41 | 32 | | | | | | | | |
| | Belfort | 1014.7 | 43 | - | 0 | c | 1016.0 | +1 | 37 | -2 | W | 1 | * | c | * | 1 | 48 | 37 | | | | | | | | |
| | Lyons | 1013.9 | 45 | E | 1 | o | 1013.0 | +1 | 45 | +4 | E | 2 | * | o | * | - | 52 | 41 | | | | | | | | |
| | Nice | 1015.8 | 54 | NW | 4 | o | 1014.0 | 0 | 46 | -6 | SW | 1 | * | o | * | 7 | 57 | 46 | | | | | | | | |
| | Perpignan | 1013.3 | 48 | ESE | 2 | r | 1012.8 | +1 | 50 | ? | SE | 3 | * | o | * | 6 | 61 | 41 | | | | | | | | |
| | Sanguinaire | 1013.3 | 48 | ESE | 2 | r | 1012.8 | +1 | 50 | ? | SE | 3 | * | o | * | 6 | 61 | 41 | | | | | | | | |
| | Corunna | 1020.0 | 61 | SSW | 3 | o | 1021.5 | +1 | 59 | +7 | SSW | 1 | - | ? | 2 | 3 | 61 | 52 | | | | | | | | |
| | Madrid | 1025.1 | 59 | NNW | 2 | b | 1024.7 | +1 | 57 | +3 | - | 0 | - | c | 6 | - | 63 | 54 | | | | | | | | |
| | Lisbon | 1016.3 | * | SW | 4 | r | 1019.8 | +1 | 59 | -5 | NW | 3 | * | b | 4 | 34 | 66 | 59 | | | | | | | | |
| MEDITERRANEAN. | Azores (Horta) | 1019.5 | * | SSW | 5 | f | 1019.0 | +0 | 63 | +5 | WSW | 1 | * | m | 2 | 6 | 66 | 64 | | | | | | | | |
| | Madeira (P. Delgada) | 1023.7 | 66 | ENE | 2 | o | 1023.3 | 0 | 64 | +5 | E | 3 | NE | o | 3 | - | 70 | 59 | | | | | | | | |
| | Madeira | 1022.7 | 57 | NW | 5 | b | 1021.7 | * | 53 | -4 | W | 3 | * | b | 2 | - | 63 | 54 | | | | | | | | |
| | Gibraltar | 1019.5 | 55 | - | 0 | b | 1019.4 | 0 | 54 | +2 | WSW | 3 | NW | c | 2 | 2 | 61 | 52 | | | | | | | | |
| | Algiers | 1016.8 | 68 | E | 1 | b | 1014.1 | +1 | 57 | 0 | WNW | 2 | NW | bc | 1 | | | | | | | | | | | |

THE BEAUFORT SCALE OF
WIND FORCE.

| No. | Limits of Velocity. | |
|-----|----------------------------|-----------------------|
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0.3 |
| 1 | 1-3 | 0.3-1.5 |
| 2 | 4-7 | 1.6-8.3 |
| 3 | 8-12 | 3.4-5.4 |
| 4 | 13-18 | 5.6-7. |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20824. Wednesday, 27th Nov. 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 26th NOVEMBER.

| STATIONS. | | EVENING OF 25 TH | | | | | MORNING OF 26 TH | | | | | | | | | | MORNING OF 26 TH | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------|----------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|------|----------|---------------------------------------|-------|---------------------------------------------|---------------------------|--------|----------|----------------|--|--|--------|--|--|---------|--|--|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | | | | | | | | | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. | Change in 24 hours. | Dirac. | | Force 0-12. | | | | | | | | |
| | | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | ° F. | | | | | | | | |
| RUSSIA. | Orlov ... | × | × | × | × | × | 1024.0 | + | 19 | -2 | SW | 7 | b | 1 | × | × | × | × | × | × | × | × | | | | | | | | | |
| | Kem ... | × | × | × | × | × | 1026.3 | × | 14 | ? | S | 2 | o | - | × | × | × | × | × | × | × | × | | | | | | | | | |
| | Archangel ... | × | × | × | × | × | 1030.9 | × | 0 | -1 | S | 3 | b | - | × | × | × | × | × | × | × | × | | | | | | | | | |
| | Mesen... | × | × | × | × | × | 1030.4 | × | 12 | +12 | - | 0 | o | - | × | × | × | × | × | × | × | × | | | | | | | | | |
| SWEDEN. | Haparanda ... | | | | | | 1020.4 | × | 28 | +3 | S | 4 | o | × | × | × | × | × | × | × | × | × | | | | | | | | | |
| | Hernösand ... | | | | | | 1018.1 | × | 34 | +9 | - | 0 | c | × | × | × | × | × | × | × | × | × | | | | | | | | | |
| | Stockholm ... | | | | | | 1019.7 | × | 32 | -7 | ENE | 4 | o | × | × | × | × | × | × | × | × | × | | | | | | | | | |
| | Wisby ... | | | | | | 1018.0 | × | 34 | -3 | E | 2 | b | × | × | × | × | × | × | × | × | × | | | | | | | | | |
| | Sordovalva ... | | | | | | 1025.0 | × | 30 | +2 | NE | 1 | o | × | × | × | × | × | × | × | × | × | | | | | | | | | |
| | Hangö ... | | | | | | 1022.3 | × | 36 | +6 | - | 0 | o | × | × | × | × | × | × | × | × | × | | | | | | | | | |
| ITALY. | Venice ... | 1015.3 | 34 | - | 0 | b | 1015.7 | × | 34 | ? | - | 0 | o | Trace | 41 | 32 | | | | | | | | | | | | | | | |
| | Turin ... | 1015.7 | 34 | - | 0 | b | 1017.5 | × | 30 | 0 | - | 0 | b | - | 41 | 30 | | | | | | | | | | | | | | | |
| | Pesaro ... | 1016.9 | 34 | - | 0 | b | 1016.5 | × | 32 | -4 | - | 0 | o | - | 43 | 28 | | | | | | | | | | | | | | | |
| | Leghorn ... | 1014.1 | 45 | - | 0 | bc | 1012.7 | × | 41 | +2 | NE | 1 | o | 1 | 48 | 39 | | | | | | | | | | | | | | | |
| | Rome ... | 1014.7 | ? | N | 1 | b | 1013.8 | × | 41 | +4 | N | 1 | o | 8 | 50 | 39 | | | | | | | | | | | | | | | |
| | Viesti ... | 1015.3 | 48 | NW | 1 | o | 1014.9 | × | 48 | 0 | NW | 1 | o | - | 68 | 48 | | | | | | | | | | | | | | | |
| | Brindisi ... | 1013.9 | 57 | NW | 1 | b | 1011.4 | × | 55 | 0 | NW | 3 | o | 80 | 57 | 54 | | | | | | | | | | | | | | | |
| | Cagliari ... | | | | | | | × | | | | | | | | | | | | | | | | | | | | | | | |
| | Palermo ... | 1014.5 | 54 | - | 0 | c | 1012.6 | × | 55 | +3 | S | 2 | r | - | 63 | 41 | | | | | | | | | | | | | | | |
| | Tripoli ... | 1016.6 | 57 | ESE | 2 | b | 1018.3 | × | 55 | ? | WNW | 1 | o | 6 | ? | 50 | | | | | | | | | | | | | | | |
| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | | | | | | | | | | | | | 27 TH AND 28 TH 1918. | | | | Sunrise. | | | Noon. | | | Sunset. | | |
| | | | | | | | | | | | | | | | | | | | | | | | G.M.T. | | | G.M.T. | | | G.M.T. | | |
| | | | | | | | | | | | | | | | | | | | Yarmouth ... | | | | 7.36 | | | 11.41 | | | 3.45 | | |
| | | | | | | | | | | | | | | | | | | | Greenwich ... | | | | 7.39 | | | 11.48 | | | 3.56 | | |
| | | | | | | | | | | | | | | | | | | | Wick ... | | | | 7.41 | | | 11.48 | | | 3.55 | | |
| | | | | | | | | | | | | | | | | | | | Valencia ... | | | | 8.30 | | | 12.0 | | | 3.29 | | |
| | | | | | | | | | | | | | | | | | | | | | | | 8.33 | | | 12.0 | | | 3.27 | | |
| | | | | | | | | | | | | | | | | | | | | | | | 8.22 | | | 12.29 | | | 4.35 | | |
| | | | | | | | | | | | | | | | | | | | | | | | 8.24 | | | 12.29 | | | 4.34 | | |

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

| | 27 th AND 28 th 1918. | | |
|---------------|---------------------------------------------|--------|---------|
| | Sunrise. | Noon. | Sunset. |
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7.36 | 11.41 | 3.45 |
| Greenwich ... | 7.38 | 11.41 | 3.44 |
| Wick ... | 7.39 | 11.48 | 3.56 |
| Valencia ... | 7.41 | 11.48 | 3.55 |
| | 8.30 | 12.0 | 3.29 |
| | 8.33 | 12.0 | 3.27 |
| | 8.22 | 12.29 | 4.35 |
| | 8.24 | 12.29 | 4.34 |

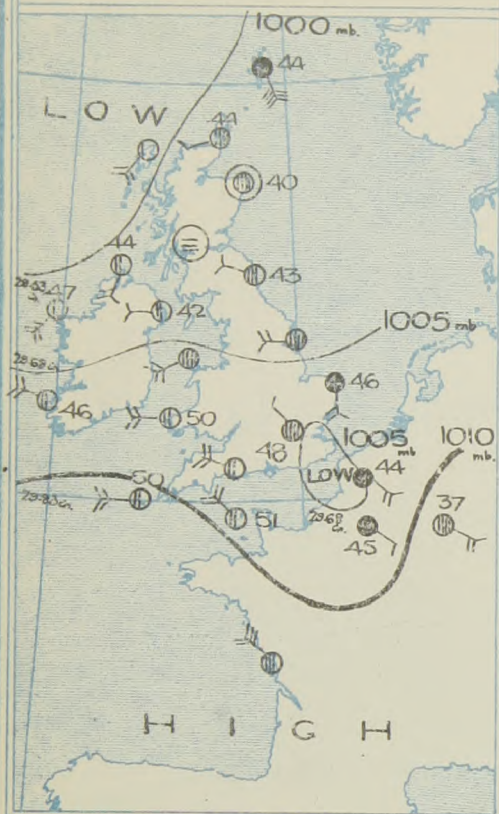
| LONDON | Humidity. | | Sun-shine for 24 hours. | TEMPERATURE. | | | Rain-fall. | WEATHER. | | |
|---------------------------------------|------------------|------------------|-------------------------|--------------|------|----------------|------------|----------|------------|--------|
| | 15 h. | 9 h. | | Max. | Min. | Min. on Grass. | | Morning. | Afternoon. | Night. |
| 27 th NOVEMBER 9 h. G.M.T. | 26 th | 27 th | 26 th | | | | | | | |
| GREENWICH (Royal Observatory) | 95 | 95 | 0.0 | 48 | 36 | 33 | 2 | of | c | rd |
| CITY (Bunhill Row) | x | x | 0.0 | x | x | x | x | x | x | x |
| WESTMINSTER (St. James's Park) | 94 | 93 | 0.0 | 49 | 40 | 33 | 3 | x | x | x |
| " (Roof near Charing Cross) | 94 | 88 | 0.0 | 49 | 42 | x | 3.5 | ofe | o.6m | drn.om |
| CAMDEN SQ. (British Rainfall) | 1 | 100 | 100 | 48 | 37 | 34 | 5 | f | md | x |
| KENSINGTON PALACE | 92 | 97 | x | 48 | 38 | 34 | 4 | fe | fe | x |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|---------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 26 th . | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 133 | 4.4 | 7 |

27th, NOV, at 1h. G.M.T.

THE MORNING OF WEDNESDAY, 27th NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers.

TEMPERATURE.—Given in degrees Fahrenheit.

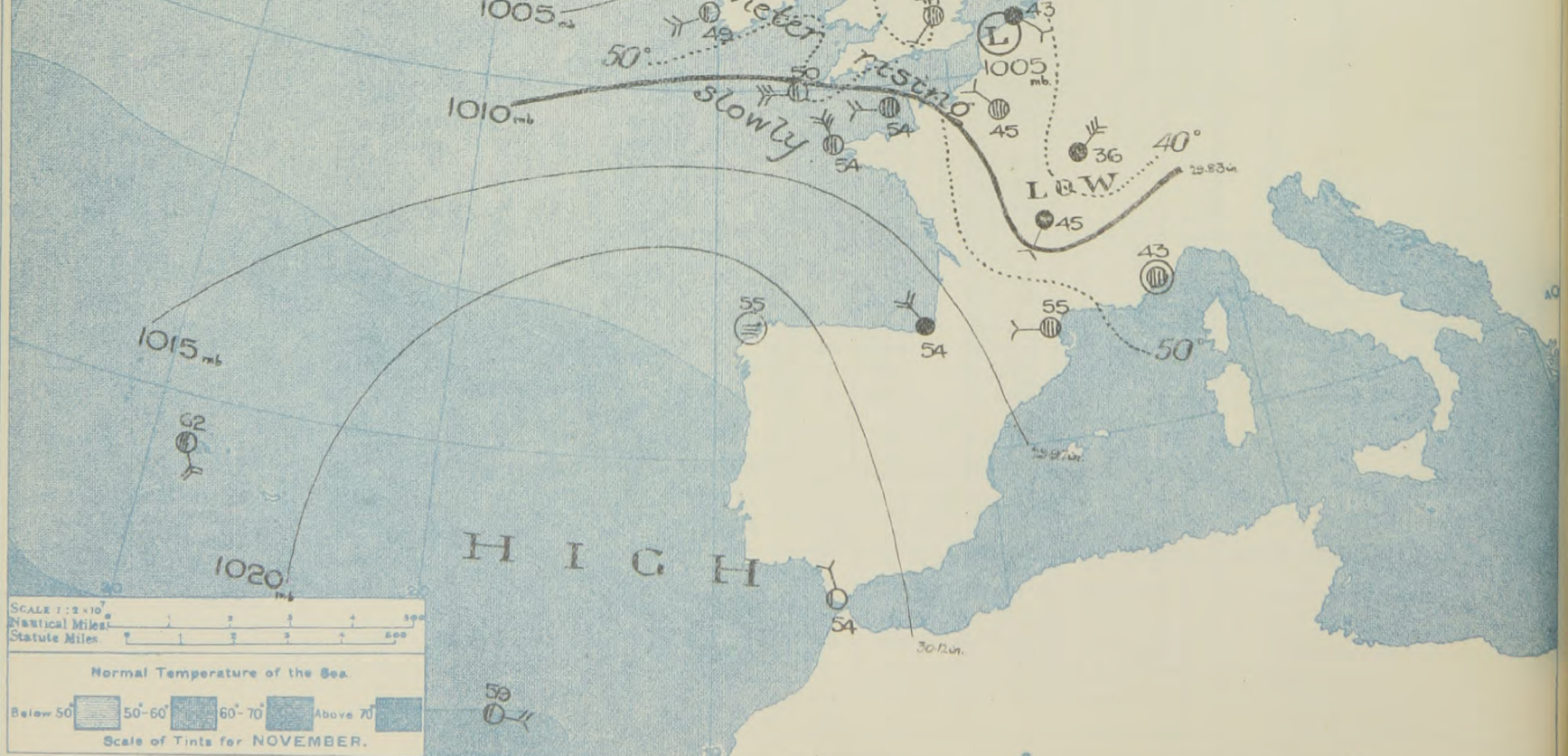
Isotherms shown by dotted lines.

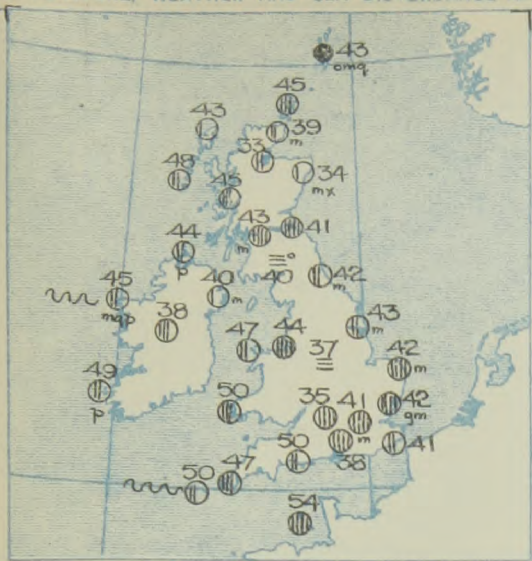
WEATHER.—Shown by the following symbols:—

○ clear sky, ○ sky & clouded, ○ sky & clouded, ○ sky & clouded, ○ overcast sky, ○ rain falling,

△ snow, △ hail, △ fog, △ mist, △ thunder, △ thunderstorm,

SEA DISTURBANCE.—Rough, High.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Except in the west of Ireland, where 4 hours of sunshine were recorded, the day was nearly everywhere dull. Rain fell over all the British Isles, mainly as drizzle or showers, and the amounts measured were nowhere large. Maximum air temperatures were mainly between 45° and 50° but minima reached freezing point locally in the south.

The Conditions at 7h. Today

The V-shaped depression which was over England yesterday has grown deeper as it moved eastward and developed a centre of minimum pressure, which now lies over Holland. The main depression to north-west of the British Isles shows little change, but a small secondary appears to be developing between Shetland and the Scandinavian coast, where strong SE. winds are blowing, and the barometer is falling. Winds are from SW-W, mainly light to moderate, over the British Isles, and light from SE. over the eastern North Sea. A general North-Westerly current is found over France and the Iberian peninsula. Rain is falling at Lerwick, but over the remainder of the British Isles weather has become fair to cloudy, with some local showers.

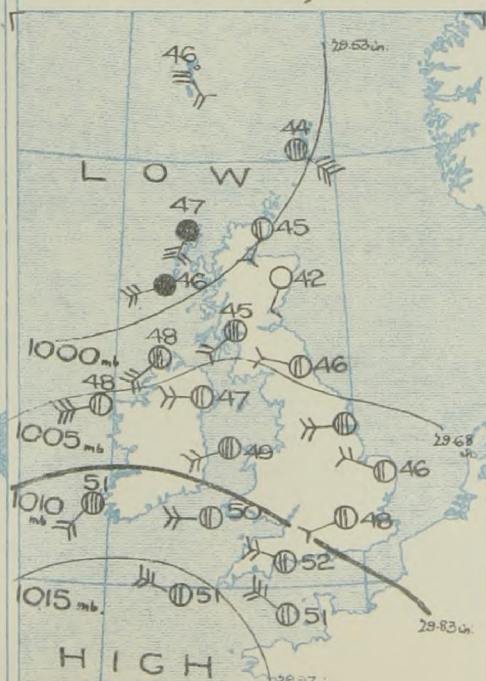
The Outlook

South-West to West winds and fair weather but with local showers are indicated in the immediate future. The general distribution over the Atlantic is, however, such that a new disturbance will probably reach our Western coasts in a day or two. No very settled conditions are, therefore, to be anticipated.

Handwritten signature/initials

Wednesday, 27th

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



Anticyclonic conditions are spreading from the South-West, where the barometer is rising steadily. A slight fall of the barometer has occurred at Stornoway, and rain is falling in the Hebrides.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 331.

WEDNESDAY

27TH NOVEMBER

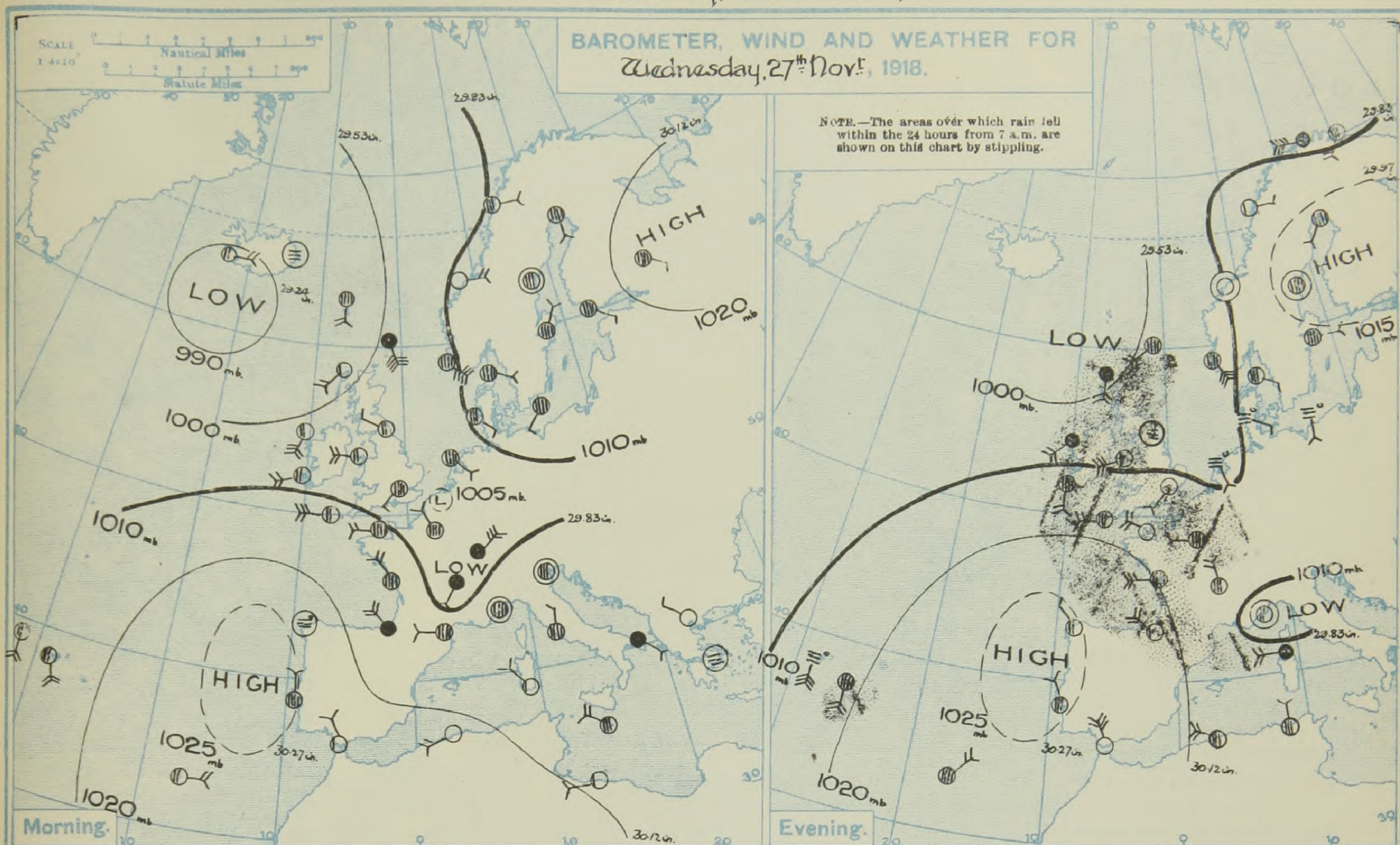
| STATIONS. | EVENING OF 26 TH | | | | | MORNING OF 27 TH | | | | | | | | | | 24 HOURS ENDED 7 h. 27 TH | | | | | Sun- shine for 26 TH Hours. | |
|------------------|---------------------------------------|--------------|--------|----------------|----------|---------------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|------------|-------------------------------------|--------------------------------------|------|----------|------------|---------|----------------------------------------------------|-----|
| | Barom. Milli- bars at M.S.L. | Temp. °F. | WIND. | | Weather. | Barom. Milli- bars at M.S.L. | Change in 3 hours. | Temp. °F. | Change in 24 hours. | WIND. | | Direc. of Upper Cloud. | Weather. | Sea 0-9 | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | |
| | | | Direc. | Force 0-12. | | | | | | Direc. | Force 0-12. | | | | | Max. | Min. | Morning | Afternoon. | Night. | | |
| BRITISH ISLANDS. | Lerwick ... | 1001.7 | 43 | SSE | 8 | om | 1000.1 | -2 | 43 | -3 | SSE | 7 | - | omgr | 4 | 8 | 46 | 40 | om | om | omgr | 0.0 |
| | Deerness (Orkney) ... | 1001.0 | 45 | S | 4 | o | 999.3 | * | 45 | -1 | SE | 7 | - | c | 3 | 2 | 47 | 43 | c.or | ro | or.c | 0.0 |
| | Stornoway ... | 999.2 | 47 | WSW | 4 | bc | 997.7 | 0 | 43 | -4 | SW | 3 | - | b | 2 | 4 | 49 | 43 | op.bc | bc | b | 1.7 |
| | Castletown (Barrisd.) ... | 1000.7 | 49 | SW | 3 | b | 998.2 | 0 | 48 | -1 | SW | 4 | - | bc | 5 | 2 | 51 | 45 | ro.bc | cm.b | b.op.c | 1.3 |
| | Glasgow ... | 1003.7 | 40 | N | 1 | om | 1002.6 | -1 | 43 | +3 | SSW | 1 | - | om | * | 6 | 43 | 39 | omr | m.pomp | m.p.omp | 0.0 |
| | Eskdalemuir ... | 1003.6 | 40 | - | 0 | om | 1003.4 | -1 | 40 | +4 | SSW | 2 | - | m | * | 4 | 41 | 34 | a.odm | od.m | odm.bm | 0.0 |
| | Malin Head ... | 1001.7 | 46 | SSW | 2 | bcm | 1000.9 | +1 | 44 | -3 | S | 3 | S | bcp | 3 | 1 | 49 | 43 | bcm | bcm | bc | 0.3 |
| | Blacksod Point ... | 1002.1 | 47 | SSW | 5 | bcm | 1003.0 | +1 | 45 | -3 | SSW | 5 | SW | bcmgp | 5 | 4 | 50 | 43 | bm | bm.bcm | bc.bcp | * |
| | Valencia (Cahirveen) ... | 1006.5 | 50 | SW | 3 | b | 1009.4 | +3 | 49 | -2 | WSW | 4 | W | bcp | * | 3 | 52 | 46 | c.b | b.bc | bc | 3.8 |
| | Roche's Point ... | 1005.5 | 44 | SW | 1 | c | 1006.6 | * | 38 | -10 | SW | 1 | - | c | * | 1 | 50 | 38 | z.oc | z.c | cp | 0.0 |
| NORTHERN EUROPE. | Birr Castle ... | 1003.8 | 47 | W | 2 | ogmp | 1001.9 | +1 | 40 | -8 | SW | 3 | - | bm | 2 | 1 | 50 | 39 | ogm | ogm | bcm | * |
| | Donaghadee ... | 1004.5 | 47 | WSW | 3 | bc | 1005.1 | 0 | 44 | +7 | SW | 3 | W | o | 2 | 1 | 47 | 37 | odm | opbc | po | 0.0 |
| | Liverpool (Bidston) ... | 1005.0 | 47 | W | 3 | b | 1005.4 | +1 | 47 | +2 | W | 4 | W | bc | 3 | 2 | 51 | 45 | or.opd | c.b.c.b | b.b.c | 0.0 |
| | Holyhead ... | 1005.0 | 47 | W | 3 | b | 1005.4 | +1 | 47 | +2 | W | 4 | W | c | 3 | 1 | 52 | 50 | ogdo | a.c.bc | bc.c | 0.1 |
| | Pembroke (St. Ann's) ... | 1007.7 | 49 | W | 2 | b | 1008.1 | +2 | 50 | -1 | W | 4 | W | c | 3 | 1 | 52 | 50 | ogdo | a.c.bc | bc.c | 0.1 |
| | Hartland Quay ... | 1008.4 | 51 | WNW | 2 | o | 1009.3 | 0 | 51 | +1 | WSW | 4 | - | op | 4 | 1 | 53 | 50 | dmdfm | orno | bc.bop | * |
| | Scilly (St. Mary's) ... | 1009.9 | 50 | WNW | 4 | c | 1011.3 | 0 | 50 | -3 | W | 5 | W | bc | 5 | 1 | 53 | 49 | fdpm | o.cm | bc | 0.0 |
| | Falmouth ... | 1009.3 | 49 | WNW | 3 | om | 1010.5 | +1 | 47 | -4 | W | 3 | - | c | * | 1 | 54 | 46 | fo | o.om | bc.c | 0.1 |
| | Jersey (St. Aubin) ... | 1008.3 | 52 | W | 3 | oe | 1011.2 | +1 | 54 | +6 | W | 3 | - | o | 3 | 6 | 54 | 48 | or.odm | omdpe | bc.orp | 0.0 |
| | Portland Bill ... | 1006.2 | 50 | WNW | 3 | c | 1008.6 | +2 | 50 | 0 | WNW | 3 | NW | bc | 3 | 2 | 52 | 47 | od | om | bc | * |
| FRANCE, &c. | Dungeness ... | 1008.2 | 48 | SSW | 4 | r | 1006.7 | +2 | 41 | +6 | W | 3 | - | bc | 3 | 1 | 50 | 35 | bm.c | c.od | ora.c | * |
| | Wick ... | 1001.0 | 45 | SSW | 3 | r | 1000.1 | -1 | 39 | -6 | SW | 2 | - | bcm | 2 | 3 | 46 | 39 | omrq | omrq | or.bcm | * |
| | Nairn ... | 1001.0 | 45 | - | 0 | ogr | 1000.7 | * | 33 | -8 | - | 0 | - | bc | 1 | 0.3 | 45 | 32 | pc.bc.c | ogr | c.b.c | 0.0 |
| | Aberdeen ... | 1003.3 | 43 | SSW | 2 | omr | 1001.3 | 0 | 34 | -9 | - | 0 | - | bmz | 2 | 3 | 47 | 34 | c.om | omr | omr.bm | 0.0 |
| | Leith ... | 1002.4 | 43 | SW | 1 | r | 1001.6 | 0 | 41 | +3 | SW | 1 | - | o | 2 | 4 | 44 | 38 | omd | r | rou.c | * |
| | Tynemouth ... | 1004.0 | 43 | S | 2 | f r | 1002.9 | 0 | 42 | +4 | WNW | 1 | - | bcm | 2 | 3 | 44 | 37 | f | fr | bcm.f | 0.0 |
| | Spurn Head ... | 1005.7 | 44 | SSE | 4 | om | 1004.0 | 0 | 43 | -1 | W | 3 | - | bcm | 3 | 2 | 45 | 40 | om | om | o.bcm | 0.0 |
| | Yarmouth (Gorleston) ... | 1008.8 | 45 | S | 2 | o | 1005.8 | 0 | 42 | -2 | NW | 1 | - | om | 2 | 2 | 45 | 41 | omf | om | om.pom | 0.0 |
| | Clacton-on-Sea ... | 1008.5 | 47 | SSE | 3 | ogm | 1006.5 | +2 | 42 | -1 | WNW | 3 | - | ogm | 2 | 4 | 47 | 41 | o.cgm | c.ogm | ogm.dr | 0.1 |
| | Nottingham ... | 1005.4 | 44 | SE | 1 | o | 1006.2 | * | 37 | +5 | W | 1 | - | f | * | 3 | 45 | 32 | om | omr | omp | 0.0 |
| IBERIA, &c. | Benson (Oxon.) ... | 1006.8 | 46 | S | 1 | r | 1007.4 | +1 | 35 | +3 | - | 0 | - | o | * | 1 | 47 | 31 | odm | o | odcm | * |
| | Sth Farnborough ... | 1006.8 | 47 | SSE | 3 | odm | 1007.9 | +1 | 38 | +5 | W | 2 | - | om | * | 2 | 48 | 32 | orodm | orodm | dro.bom | 0.0 |
| | Salisbury Plain ... | 1006.2 | 49 | SSW | 1 | odm | 1007.4 | -1 | 40 | +7 | W | 1 | - | o | * | 2 | 49 | 32 | ouedm | odm | dm.bco | * |
| | London (Kew Obsy.) ... | 1006.8 | 47 | SE | 1 | r | 1007.8 | +2 | 41 | +7 | SW | 1 | - | om | * | 6 | 48 | 40 | fx.fom | f.om | od.erm | 0.0 |
| | Spitsbergen ... | | | | | | | | | | | | | * | * | | | | | | | |
| | Vardö ... | | | | | | | | | | | | | * | * | | | | | | | |
| | Gjesvær ... | 1008.7 | 32 | S | 3 | o | 1006.0 | * | 39 | +3 | W | 7 | - | r | 4 | 1 | 39 | 28 | | | | |
| | Bodö ... | 1012.2 | 39 | E | 2 | c | 1010.0 | 0 | 37 | 0 | E | 2 | - | c | 2 | - | 39 | 30 | | | | |
| | Christiansund ... | 1011.9 | 37 | - | 0 | b | 1010.7 | 0 | 36 | -1 | E | 3 | - | b | 3 | - | 37 | 34 | | | | |
| | Skudesnaes ... | 1012.3 | 41 | ESE | 5 | o | 1009.1 | -5 | 41 | 0 | SE | 7 | - | o | 5 | - | 43 | 41 | | | | |
| MEDITERRANEAN. | Færder (X'ania Fjord) ... | 1016.4 | 36 | NE | 2 | o | 1013.5 | -1 | 37 | +1 | NE | 2 | - | o | 1 | 0 | 41 | 37 | | | | |
| | The Scaw (Skagen) ... | 1014.9 | 39 | NE | 1 | bc | 1012.2 | 0 | 39 | 0 | ESE | 2 | - | o | 2 | 0 | 41 | 37 | | | | |
| | Blaavands Huk ... | 1013.2 | 30 | ESE | 2 | m | 1010.1 | -2 | 27 | -5 | SE | 1 | - | c | * | - | 34 | 25 | | | | |
| | Copenhagen ... | 1014.3 | 39 | ESE | 2 | o | 1011.8 | -1 | 39 | +2 | - | 0 | - | m | * | - | 39 | 37 | | | | |
| | Bornholm ... | 1014.4 | 36 | S | 1 | m | 1011.8 | -1 | 36 | -1 | SW | 1 | - | o | + | Trace | 39 | 36 | | | | |
| | The Helder ... | 1010.7 | 39 | E | 1 | f | 1005.9 | -2 | 39 | +2 | SE | 2 | - | o | * | Trace | 41 | 37 | | | | |
| | C. Gris Nez ... | 1009.0 | 45 | S | 2 | o | 1007.1 | +2 | 46 | +1 | WNW | 5 | - | o | * | 1 | 48 | 43 | | | | |
| | La Hève ... | 1009.0 | 46 | S | 3 | r | 1009.9 | +2 | 48 | +3 | NW | 4 | - | r | * | 4 | 48 | 46 | | | | |
| | Brest (St. Mathieu) ... | 1011.0 | 54 | NW | 2 | o | 1014.0 | +1 | 54 | 0 | NW | 4 | - | c | * | 3 | 54 | 46 | | | | |
| | Roche fort (Ile d'Aix) ... | 1012.6 | 54 | W | 5 | r | | | | | | | | | * | | | | | | | |
| | Biarritz ... | 1019.0 | 55 | WSW | 4 | o | 1017.5 | +1 | 54 | ? | WNW | 4 | - | r | * | 17 | 57 | 52 | | | | |
| | Paris ... | 1011.3 | 45 | SSE | 2 | o | 1008.8 | +3 | 45 | +6 | NW | 2 | - | o | * | 10 | 46 | 39 | | | | |
| | Belfort ... | | | | | | 1009.1 | * | 36 | -3 | ENE | 5 | - | r | * | 6 | 48 | 36 | | | | |
| | Lyons ... | 1015.7 | 45 | - | 0 | r | 1009.3 | -0 | 45 | +8 | SSW | 2 | - | r | * | 8 | 48 | 37 | | | | |
| | Nice ... | 1015.4 | 45 | W | 2 | c | 1012.6 | -2 | 43 | -2 | - | 0 | - | o | * | - | 54 | 41 | | | | |
| | Perpignan ... | 1014.6 | 57 | NW | 1 | o | 1014.0 | -1 | 55 | +9 | W | 2 | - | o | * | 1 | 61 | 46 | | | | |
| | Sanguinaire ... | 1012.6 | 50 | E | 1 | bc | | | | | | | | | * | | | | | | | |
| | Corunna ... | 1019.9 | 61 | SSW | 2 | o | 1024.0 | +3 | 55 | -4 | - | 0 | - | m | * | 5 | 64 | 54 | | | | |
| | Madrid ... | | | | | | | | | | | | | | * | | | | | | | |
| | Lisbon ... | | | | | | | | | | | | | | * | | | | | | | |
| | Azores (Horta) ... | 1019.7 | * | SW | 4 | b | 1017.5 | +2 | 62 | +3 | SE | 4 | - | c | 2 | - | 68 | 57 | | | | |
| | " (P. Delgada) ... | 1018.9 | * | SE | 4 | b | 1019.8 | +1 | 64 | +1 | S | 4 | - | m | 5 | 4 | 68 | 63 | | | | |
| | Madeira ... | 1021.9 | 64 | E | 3 | o | 1023.5 | +1 | 59 | -5 | E | 3 | - | bc | 3 | - | 70 | 57 | | | | |
| | Gibraltar ... | 1021.3 | 58 | NW | 3 | b | 1021.3 | * | 54 | +1 | NW | 2 | - | b | 1 | * | 67 | 53 | | | | |
| | Algiers ... | | | | | | | | | | | | | | | | | | | | | |
| | Malta ... | | | | | | | | | | | | | | | | | | | | | |
| | Salonica ... | 1011.6 | 49 | NW | 3 | b | 1012.3 | 0 | 41 | ? | NW | 1 | - | b | * | 1 | 58 | 41 | | | | |
| | Athens ... | | | | | | </ | | | | | | | | | | | | | | | |

THE BEAUFORT SCALE OF WIND FORCE.

| No. | Limits of Velocity. | |
|-----|-------------------------|--------------------|
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0.3 |
| 1 | 1-3 | 0.3-1.5 |
| 2 | 4-7 | 1.6-3.3 |
| 3 | 8-12 | 3.4-5.4 |
| 4 | 13-18 | 5.5-7.9 |
| 5 | 19-24 | 8.0-10.7 |
| 6 | 25-31 | 10.8-13.8 |
| 7 | 32-38 | 13.9-17.1 |
| 8 | 39-46 | 17.2-20.7 |
| 9 | 47-54 | 20.8-24.4 |
| 10 | 55-63 | 24.5-28.4 |
| 11 | 64-75 | 28.5-33.5 |
| 12 | Above 75 | 33.6 or above |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20825. Thursday, 28th November, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 27TH NOVEMBER

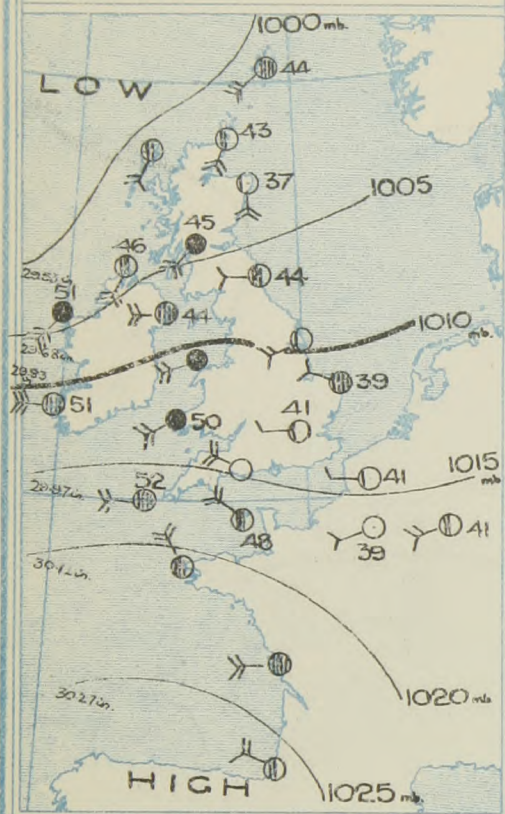
| STATIONS. | | EVENING OF... 26 TH ... | | | | | MORNING OF... 27 TH ... | | | | | | | | | | MORNING OF... 27 TH ... | | | | | | |
|-----------|----------------|---------------------------------------|-----------|--------|----------------|----------|------------------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|-------------------------------------|----------|-----------|-----------|---------------------------------------|-------|----------------------|-----------------------------------|--------|----------|----------------|
| | | BAROM. Milli- bars at M.S.L. | TEMP. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | BAROM. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. ° F. | Change in 24 hours. ° F. | Dirac. | | Force 0-12. |
| RUSSIA. | Orlov ... | x | ° F. x | x | x | x | | | | | | | | | ° F. x | ° F. x | | | | | | | |
| | Kem ... | x | x | x | x | x | | | | | | | | | x | x | | | | | | | |
| | Archangel ... | x | x | x | x | x | | | | | | | | | x | x | | | | | | | |
| | Mesen... | x | x | x | x | x | | | | | | | | | x | x | | | | | | | |
| SWEDEN. | Haparanda ... | 1016.7 | 32 | S | 4 | 0 | 1014.9 | x | 34 | +6 | S | 2 | 0 | x | x | x | | | | | | | |
| | Hernösand ... | 1017.3 | 32 | S | 2 | 0 | 1016.7 | x | 30 | -4 | - | 0 | C | x | x | x | | | | | | | |
| | Stockholm ... | 1017.5 | 36 | ENE | 2 | 0 | 1015.0 | x | 37 | +5 | NE | 2 | 0 | x | x | x | | | | | | | |
| | Wisby ... | 1017.6 | 36 | E | 2 | 0 | 1014.3 | x | 34 | 0 | S | 2 | b | x | x | x | | | | | | | |
| | Sordovalva ... | x | x | x | x | x | 1022.0 | x | 30 | 0 | SE | 1 | 0 | x | x | x | | | | | | | |
| | Hangö ... | x | x | x | x | x | 1018.2 | x | 36 | 0 | SE | 1 | 0 | x | x | x | | | | | | | |
| ITALY. | Venice ... | 1016.1 | 37 | WNW | 1 | b | 1014.3 | x | 30 | -4 | - | 0 | C | - | 46 | 30 | | | | | | | |
| | Turin ... | 1016.0 | 32 | - | 0 | f | 1014.3 | x | 30 | 0 | - | 0 | f | - | 39 | 30 | | | | | | | |
| | Fesaro ... | 1016.6 | 34 | W | 1 | b | 1013.0 | x | 30 | -2 | - | 0 | C | - | 43 | 28 | | | | | | | |
| | Leghorn ... | | | | | | | x | | | | | | | | | | | | | | | |
| | Rome ... | 1012.9 | 45 | N | 1 | b | 1014.3 | x | 37 | -4 | N | 1 | b | - | 52 | 37 | | | | | | | |
| | Viesti ... | 1016.2 | 54 | WNW | 1 | 0 | 1012.6 | x | 48 | 0 | NW | 1 | 0 | - | 54 | 41 | | | | | | | |
| | Brindisi ... | 1011.5 | 54 | NE | 3 | b | 1012.1 | x | 55 | 0 | SE | 2 | r | 1 | 57 | 52 | | | | | | | |
| | Cagliari ... | 1013.9 | 52 | W | 4 | r | 1015.6 | x | 52 | ? | NW | 2 | b | 5 | 68 | 46 | | | | | | | |
| | Palermo ... | | | | | | | x | | | | | | | | | | | | | | | |
| | Tripoli ... | 1014.5 | 55 | WNW | 2 | b | 1019.7 | x | 52 | -3 | W | 2 | b | Trace | ? | ? | | | | | | | |

| LONDON | | | | | | | | | | SOUTH KENSINGTON (M.O.) | | | | | | | | | |
|--------------------------------------|------|-------------------------|------------------|--------------|------|----------------|--|------------|--|-------------------------------------------------------------------------------------|------------|--------|--|---------|-------------|---------------|-------------|------------|--|
| 28 TH NOVEMBER 9h. G.M.T. | | | | | | | | | | Vertical Component of Solar Radiation per square Centimetre during 27 TH | | | | | | | | | |
| HUMIDITY. | | Sun-shine for 24 hours. | | TEMPERATURE. | | | | Rain-fall. | | WEATHER. | | | | Total. | | Average Rate. | | Max. Rate. | |
| 15 h. | 9 h. | 27 TH | 28 TH | Max. | Min. | Min. on Grass. | | mm. | | Morning. | Afternoon. | Night. | | Joules. | Milliwatts. | Max. Rate. | Milliwatts. | | |
| 86 | 96 | 1.9 | 50 | 39 | 29 | 2 | | x | | c | c | b | | 203 | 6.8 | 20 | | | |
| x | x | 0.2 | x | x | x | x | | x | | x | x | x | | | | | | | |
| 90 | 98 | 0.8 | 50 | 38 | 29 | 3 | | x | | x | x | x | | | | | | | |
| 86 | 96 | 0.6 | 51 | 41 | x | 3 | | 0m | | bc | bc | bc | | | | | | | |
| 93 | 98 | 0.7 | 49 | 38 | 32 | 3 | | 0 | | 0 | 0 | x | | | | | | | |
| 84 | 93 | x | 50 | 39 | 28 | 2 | | bc | | bc | bc | x | | | | | | | |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

28th, NOV, at 1h. G.M.T.

THE MORNING OF THURSDAY, 28th NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

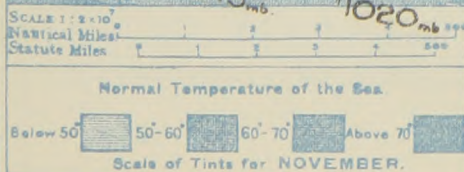
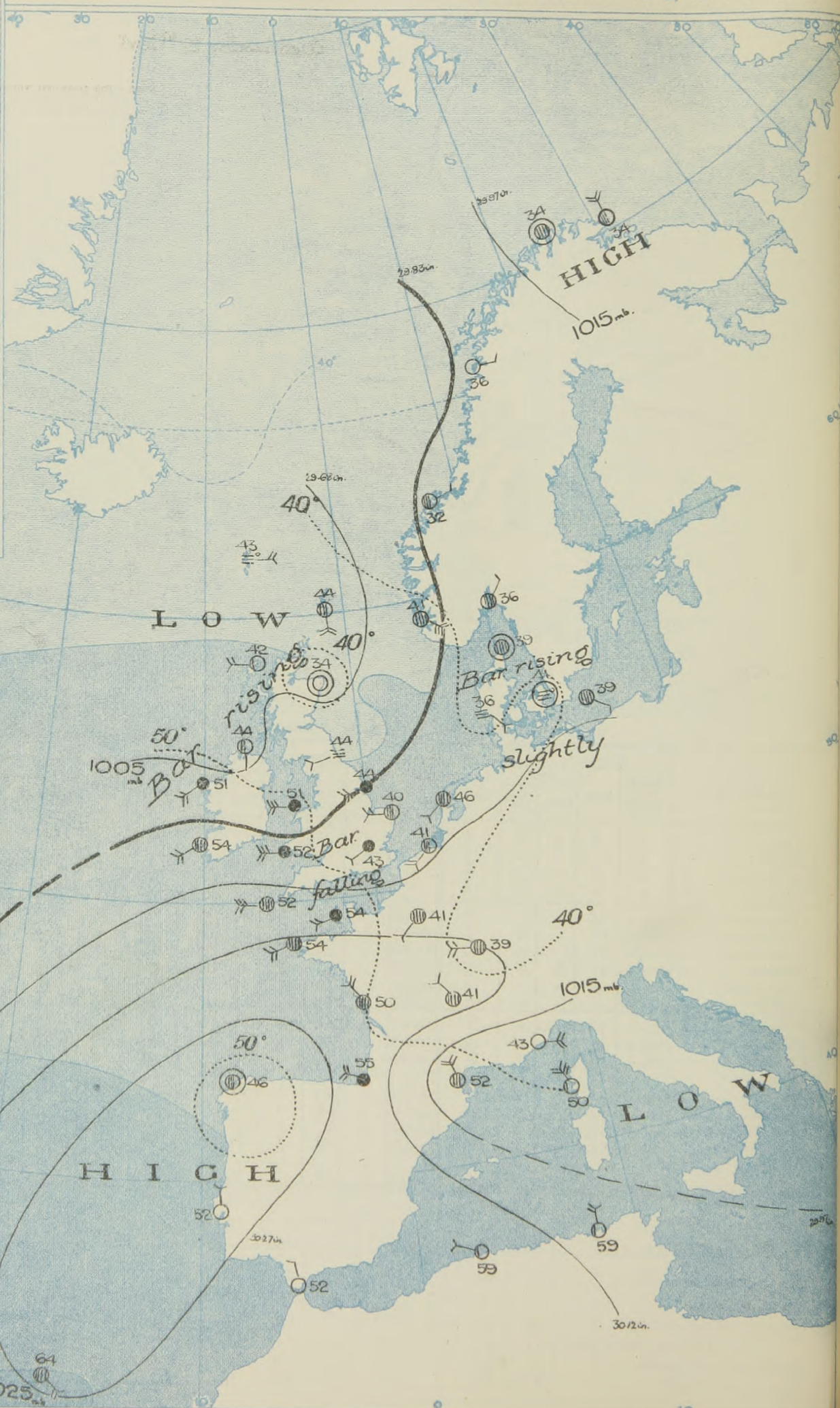
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

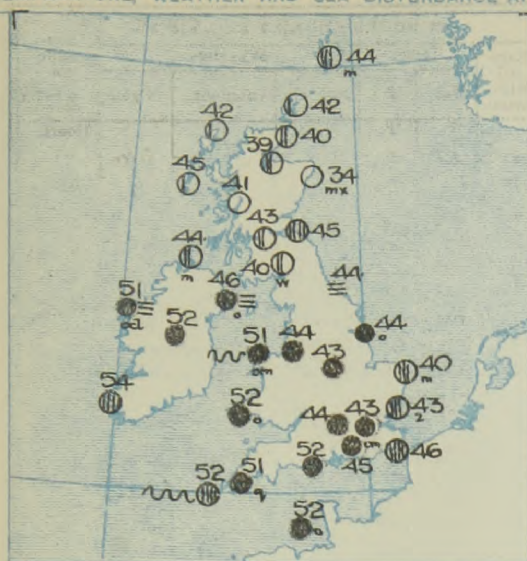
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded. ○ sky & clouded. ○ overcast sky. ○ rain falling. ○ snow. △ hail. ≡ fog. ≡ mist. T. thunder.

SEA DISTURBANCE.—Rough. High.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

The day commenced generally fair but rain commenced at the Hebrides during the morning and spread southward over the whole area except the east coast of England. Heavy falls of rain occurred locally (29 mm. at Donaghadee, 15 mm. at Jersey). Four to five hours of bright sunshine were recorded at stations in west and south-west England and four hours at Deerness (Orkney). Temperature rose to above 50° in many districts.

The Conditions at 7h. Today

The general distribution has not much altered since yesterday, pressure remaining low to north-west and high to south of the British Isles, giving a gradient for light to fresh SW-W. winds. Pressure has risen somewhat in the main depression and also in the anticyclone off the Portuguese coast. The most important features of the map so far as these Islands are concerned are, however, the very shallow secondary depression to south of the low-pressure centre, which are associated with general rain over England and Ireland.

At the Azores wind has freshened to gale force from south with a considerable fall of the barometer. A depression of some intensity is, therefore, indicated to westward of those Islands.

The Outlook

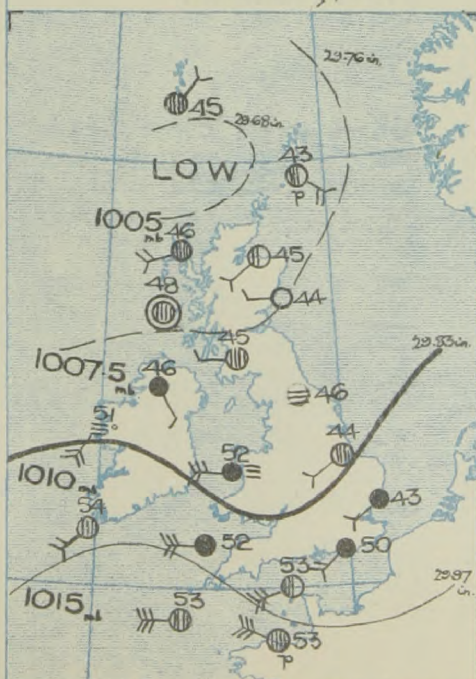
Some temporary improvement of weather will follow the secondary depressions over the British Isles as they move eastward, but conditions are likely to remain generally unsettled, and winds will continue South-Westerly. Further north-eastward extension of the anticyclone off Portugal (which was suggested yesterday afternoon now appears improbable.

H.H.



Thursday, 28th

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



The shallow secondary depression now over England is moving eastward slowly. There continues to be much rain in England and Ireland.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 332..

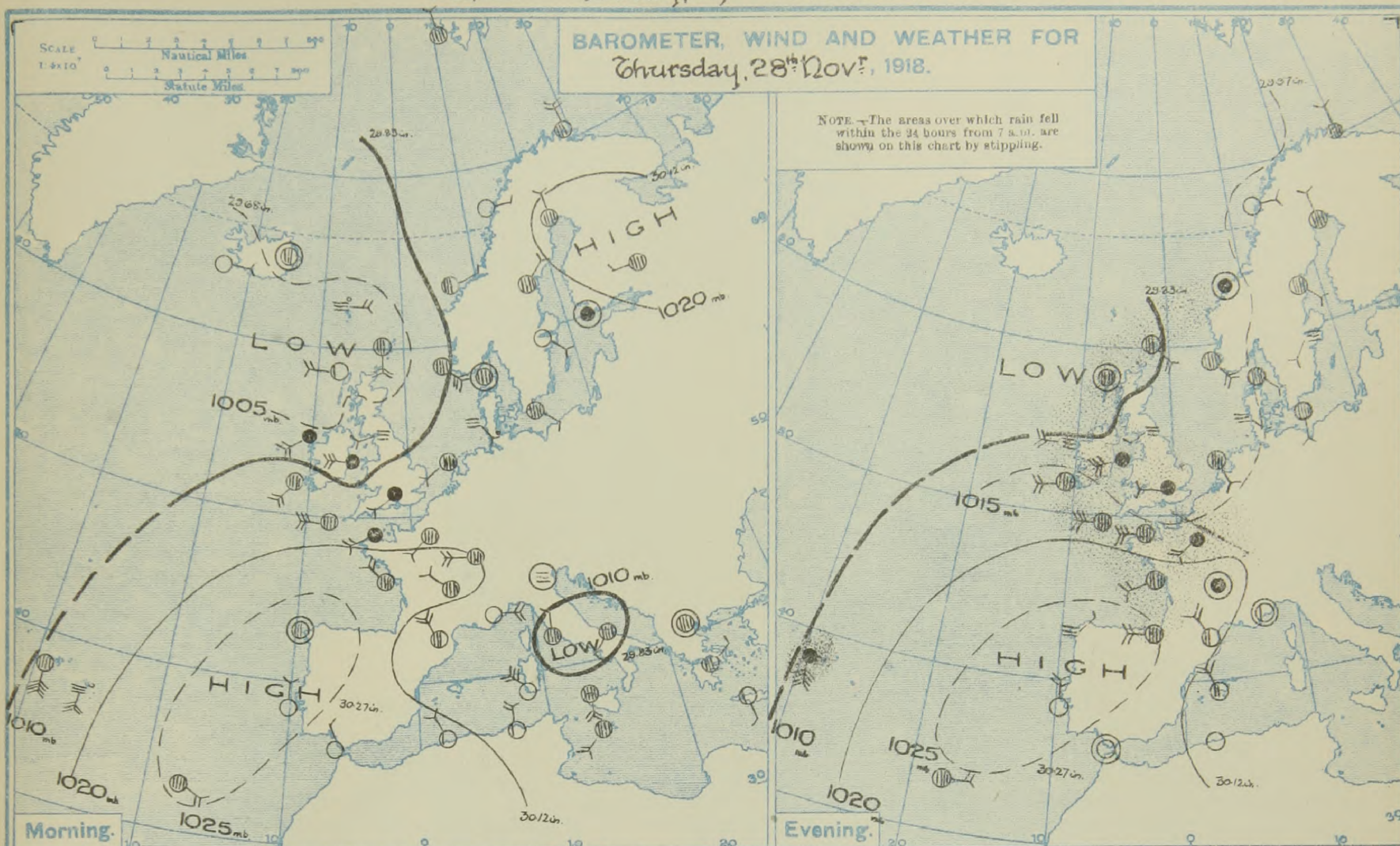
THURSDAY
28TH NOVEMBER

| STATIONS. | | EVENING OF 27 TH | | | | | MORNING OF 28 TH | | | | | | | | | | 24 HOURS ENDED 7 h 28 TH | | | | | | | | | | Sun- shine for 27 TH Hours. |
|------------------------|----------------------------|---------------------------------------|--------------|--------|----------------|----------|-------------------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|-------------------------------------|--------|----------|------------|---------|-----|--|--|--|--|----------------------------------------------------|
| | | Barom. Milli- bars at M.S.L. | Temp. °F. | WIND. | | Weather. | Barometer. Milli- bars at M.S.L. | Change in 3 hours. | Temp. °F. | Change in 24 hours. | WIND. | | Direc. of Upper Cloud. | Weather. | Sea 0-9. | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | | | | | |
| | | | | Direc. | Force 0-12. | | | | | | Direc. | Force 0-12. | | | | | Max. | Min. | Morning | Afternoon. | Night. | | | | | | |
| BRITISH ISLANDS. | Lerwick ... | 1001.2 | 45 | SW | 4 | om | 1002.9 | +2 | 44 | +1 | S | 4 | - | cm | 3 | 4 | 45 | 40 | om | omr | om | * | | | | | |
| | Deerness (Orkney) ... | 999.3 | 44 | SE | 3 | b | 1002.7 | * | 42 | -3 | WSW | 3 | - | b | 2 | - | 47 | 40 | c.bc.b | b | b | 4.0 | | | | | |
| | Stornoway ... | 996.5 | 45 | SSW | 4 | or | 1003.0 | +3 | 42 | -1 | W | 3 | - | b | 3 | 6 | 48 | 42 | b.or | or | b.c.b | 0.4 | | | | | |
| | Castlebay (Barra Fed.) ... | 999.7 | 48 | W | 4 | cp | 1004.9 | +1 | 45 | -3 | NW | 2 | - | b | 3 | 3 | 49 | 44 | bc.g | cp | cp.b.b | 0.0 | | | | | |
| | Glasgow ... | 1004.1 | 45 | SW | 3 | b | 1006.9 | +2 | 43 | 0 | SW | 2 | NW | bc | * | 10 | 45 | 41 | op.bcm | omp.c.b | b.op.b | 0.6 | | | | | |
| | Eskdalemuir ... | 1005.8 | 42 | SSW | 4 | od | 1007.5 | 0 | 40 | 0 | W | 3 | - | bcw | * | 1 | 43 | 40 | odm.b | co.or | o.or.b | 1.9 | | | | | |
| | Malin Head ... | 1003.8 | 46 | WSW | 4 | bcg | 1004.8 | +1 | 44 | 0 | S | 1 | S | bcm | 3 | 1 | 49 | 44 | cm.gp | bc.gp | bcm | 1.3 | | | | | |
| | Blacksod Point ... | 1006.8 | 43 | SW | 4 | omg.p | 1006.3 | +2 | 51 | +6 | SW | 4 | - | ogd | 2 | 10 | 51 | 44 | bc.o | bc.m.p | mr.omr | * | | | | | |
| | Valencia (Cabirciveen) ... | 1012.9 | 50 | SSW | 3 | o | 1012.8 | +3 | 54 | +5 | SW | 4 | - | o | * | 6 | 54 | 49 | bc.o | o | oro | 1.0 | | | | | |
| | Roche's Point ... | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Birr Castle ... | 1010.1 | 45 | SW | 1 | c | 1008.7 | * | 52 | +14 | SW | 2 | - | r | * | 9 | 52 | 38 | cp | cp | or | 2.8 | | | | | |
| | Donaghadee ... | 1005.0 | 45 | W | 4 | bcm.g | 1006.4 | 0 | 46 | +6 | S | 2 | - | ogr | 1 | 29 | 49 | 40 | bm | bc.g.m | cm.g.p | * | | | | | |
| | Liverpool (Bidston) ... | 1009.0 | 45 | W | 4 | bc | 1007.4 | -3 | 44 | 0 | SSE | 2 | - | r | 2 | 3 | 49 | 43 | bc.b | bc.p | c.or | 4.6 | | | | | |
| | Holyhead ... | 1009.7 | 48 | WSW | 5 | b | 1007.3 | 0 | 51 | +4 | W | 5 | - | orm | 4 | 6 | 51 | 46 | bc.c | c.bc.b | bc.or | 3.0 | | | | | |
| | Pembroke (St. Ann's) ... | 1013.2 | 50 | W | 4 | bc | 1011.9 | +1 | 52 | +2 | W | 5 | - | or | 5 | 8 | 52 | 48 | bc | bc.c | bc.c.or | 5.2 | | | | | |
| Hartland Quay ... | 1014.9 | 51 | WSW | 4 | op | 1014.4 | -1 | 52 | +1 | WSW | 5 | - | orm | 5 | 9 | 52 | 48 | c | c.op | op.orm | * | | | | | | |
| BRITISH ISLANDS. | Scilly (St. Mary's) ... | 1016.5 | 49 | W | 4 | c | 1017.3 | 0 | 52 | +2 | W | 5 | - | o | 5 | 1 | 52 | 48 | bc | bc.c | opm | 4.8 | | | | | |
| | Falmouth ... | 1016.0 | 48 | W | 3 | o | 1015.9 | -1 | 51 | +4 | W | 5 | - | rg | * | 3 | 53 | 47 | c.bc | bc.og.o | c.or | 4.6 | | | | | |
| | Jersey (St. Aubin) ... | 1016.4 | 50 | WNW | 4 | b.gp | 1017.8 | 0 | 52 | -2 | WSW | 3 | - | or | 3 | 15 | 55 | 48 | bc.gp | bc.gp | b.gpor | 4.5 | | | | | |
| | Portland Bill ... | 1013.8 | 50 | NW | 4 | b | 1014.3 | -1 | 52 | +2 | WSW | 4 | - | cr | 4 | 3 | 52 | 49 | bc | bc | cr | * | | | | | |
| | Dungeness ... | 1011.5 | 46 | W | 3 | bc | 1014.3 | 0 | 46 | +5 | WSW | 4 | - | o | 3 | - | 51 | 37 | c | c.bc | c.b.bco | * | | | | | |
| | Wick ... | 999.9 | 46 | SSW | 4 | bcm | 1002.8 | +4 | 40 | +1 | WSW | 2 | - | bc | 3 | 1 | 46 | 39 | bcm | bcm | bcm.op | * | | | | | |
| | Nairn ... | 999.8 | 44 | SW | 1 | cd | 1004.3 | * | 39 | +6 | - | 0 | - | bc | 1 | 1 | 45 | 33 | bc | bc.cd | dc.bc.z | 2.9 | | | | | |
| | Aberdeen ... | 1002.1 | 42 | SSW | 3 | cm | 1004.7 | +2 | 34 | 0 | - | 0 | - | bmt | 2 | 0.3 | 48 | 32 | mx.bm | cm.mc | cm.bcb | 3.0 | | | | | |
| | Leith ... | 1003.3 | 46 | SW | 2 | c | 1005.6 | +1 | 45 | +4 | SW | 2 | - | o | 2 | 1 | 47 | 40 | o.b.c.c | c.o.c.o | cp.g.o | * | | | | | |
| | Tynemouth ... | 1005.7 | 44 | - | 0 | f | 1006.7 | 0 | 44 | +2 | WSW | 2 | - | f | 2 | - | 47 | 39 | f | cm | f | * | | | | | |
| | Spurn Head ... | 1007.4 | 43 | W | 3 | bcm | 1009.8 | 0 | 44 | +1 | WSW | 4 | - | or | 4 | 2 | 46 | 40 | bc | bcm | bcm.or | 0.0 | | | | | |
| | Yarmouth (Gorleston) ... | 1009.9 | 43 | - | 0 | b | 1011.7 | 0 | 40 | -2 | W | 3 | - | cm | 2 | - | 47 | 39 | om.bcm | bcm.bm | bmxm | 1.4 | | | | | |
| | Clacton-on-Sea ... | 1011.5 | 43 | W | 3 | bcm | 1013.5 | 0 | 43 | +1 | W | 3 | W | cz | 2 | - | 48 | 39 | og.cm | c.bcm | bc.boz | 1.0 | | | | | |
| | Nottingham ... | 1010.2 | 42 | W | 2 | b | 1010.3 | * | 43 | +6 | SSW | 1 | - | or | * | 2 | 47 | 34 | f.b | bcm | b | 0.5 | | | | | |
| | Benson (Oxon.) ... | 1012.4 | 38 | - | 0 | b | 1011.9 | -3 | 44 | +9 | SW | 3 | - | r | * | 2 | 48 | 32 | b | bc | b.or | * | | | | | |
| Sth Farnborough ... | 1012.6 | 39 | W | 2 | b | 1013.6 | -2 | 45 | +7 | SSW | 3 | - | orm | * | 2 | 50 | 35 | om.bcc | c.b.bcb | b.orm | 3.5 | | | | | | |
| Salisbury Plain ... | 1013.6 | 39 | WNW | 2 | b | 1013.8 | -2 | 47 | +7 | WSW | 2 | - | or | * | 3 | 49 | 35 | cp.bc | bc.b | bc.or | * | | | | | | |
| London (Kew Obsy.) ... | 1012.5 | 44 | SW | 2 | bm | 1013.4 | -1 | 43 | +2 | SW | 2 | - | orm | * | 2 | 49 | 37 | cm.bc | bc.b | bcm | 1.1 | | | | | | |
| NORTHERN EUROPE. | Spitsbergen ... | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Vardö ... | 1009.0 | 37 | SW | 3 | c | 1017.5 | +5 | 34 | ? | N | 4 | - | c | - | * | 37 | 27 | | | | | | | | | |
| | Gjesvær ... | 1009.6 | 41 | W | 7 | r | 1016.4 | ? | 34 | -5 | - | 0 | - | o | 3 | 6 | 41 | 32 | | | | | | | | | |
| | Bodö ... | 1013.7 | 34 | E | 1 | b | 1010.6 | 0 | 36 | -1 | E | 1 | - | b | 1 | - | 37 | 30 | | | | | | | | | |
| | Christiansund ... | 1010.0 | 34 | - | 0 | b | 1011.0 | 0 | 32 | -4 | ENE | 1 | - | c | 3 | - | 36 | 32 | | | | | | | | | |
| | Skudesnaes ... | 1008.8 | 43 | SSE | 6 | o | 1009.1 | 0 | 41 | 0 | SE | 5 | - | o | 4 | - | 43 | 41 | | | | | | | | | |
| | Færder (X'ania Fjord) ... | 1012.2 | 37 | NNE | 2 | o | 1013.7 | +0 | 36 | -1 | NE | 1 | - | o | 0 | - | 37 | 36 | | | | | | | | | |
| | The Sea W (Skagen) ... | 1011.4 | 39 | ESE | 1 | c | 1012.7 | +1 | 39 | 0 | - | 0 | - | o | 0 | 1 | 41 | 37 | | | | | | | | | |
| | Blaavands Huk ... | 1010.3 | 36 | ESE | 1 | m | 1011.7 | +1 | 36 | +9 | SSE | 2 | - | f | * | - | 37 | 25 | | | | | | | | | |
| | Copenhagen ... | 1011.8 | 38 | - | 0 | o | 1013.6 | +1 | 41 | +2 | - | 0 | - | m | * | - | 39 | 37 | | | | | | | | | |
| Bornholm ... | 1012.6 | 37 | S | 2 | m | 1014.3 | +1 | 39 | +3 | SE | 1 | - | o | 0 | Trace | 39 | 36 | | | | | | | | | | |
| FRANCE, &c. | The Helder ... | 1007.9 | 39 | SSE | 2 | m | 1011.8 | +0 | 46 | +7 | SW | 2 | - | o | 1 | * | 46 | 37 | | | | | | | | | |
| | C. Gris Nez ... | 1011.8 | 48 | W | 4 | c | 1015.3 | 0 | 48 | +2 | W | 4 | * | o | * | - | 50 | 43 | | | | | | | | | |
| | La Hève ... | 1014.9 | 48 | WNW | 4 | bc | 1017.7 | +2 | 46 | -2 | W | 5 | * | r | * | 5 | 50 | 41 | | | | | | | | | |
| | Brest (St. Mathieu) ... | 1019.5 | 52 | WNW | 4 | c | 1020.8 | +1 | 54 | 0 | WSW | 4 | * | o | * | 2 | 54 | 50 | | | | | | | | | |
| | Rochefort (De d'Aix) ... | | | | | | 1023.3 | +2 | 50 | ? | WNW | 3 | * | o | * | 1 | 55 | 48 | | | | | | | | | |
| | Biarritz ... | 1022.4 | 55 | WNW | 4 | b | 1024.6 | +1 | 55 | +1 | WNW | 4 | * | r | * | 9 | 57 | 54 | | | | | | | | | |
| | Paris ... | 1014.9 | 46 | W | 1 | o | 1019.4 | +2 | 41 | -4 | SW | 2 | * | o | * | 1 | 54 | 37 | | | | | | | | | |
| IBERIA, &c. | Belfort ... | | | | | | 1020.0 | * | 39 | +3 | W | 4 | * | o | * | 12 | 43 | 27 | | | | | | | | | |
| | Lyons ... | 1017.7 | 46 | NNW | 3 | c | 1021.9 | +3 | 41 | -4 | NW | 2 | * | o | * | - | 52 | 41 | | | | | | | | | |
| | Nice ... | 1009.6 | 46 | - | 0 | bc | 1012.7 | 0 | 43 | 0 | E | 4 | * | b | * | - | 52 | 41 | | | | | | | | | |
| | Perpignan ... | | | | | | 1013.5 | +3 | 52 | -3 | NW | 4 | * | c | * | 1 | 61 | 50 | | | | | | | | | |
| | Sanguinaire ... | 1012.3 | 50 | W | 4 | T | 1011.0 | -4 | 50 | ? | NW | 5 | * | b | * | 5 | 50 | 41 | | | | | | | | | |
| | Corunna ... | 1025.6 | 57 | WNW | 1 | bc | 1029.1 | +2 | 46 | -9 | - | 0 | W | c | 3 | - | 59 | 45 | | | | | | | | | |
| | Madrid ... | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEDITERRANEAN. | Lisbon ... | 1025.6 | 59 | NNW | 2 | c | 1026.9 | +1 | 52 | ? | N | 2 | | b | 6 | - | 63 | 52 | | | | | | | | | |
| | Azores (Horta) ... | 1013.6 | * | S | 6 | m | 1010.7 | -3 | 63 | +1 | S | 8 | * | o | 6 | 8 | 68 | 63 | | | | | | | | | |
| | „ (P. Delgada) ... | 1019.3 | * | S | 4 | o | 1017.9 | +0 | 65 | +1 | S | 5 | * | m | 5 | - | 66 | 63 | | | | | | | | | |
| | Madeira ... | 1023.1 | 66 | NE | 3 | o | 1025.2 | -1 | 64 | +5 | ESE | 3 | E | o | 3 | ? | 77 | 63 | | | | | | | | | |
| | Gibraltar ... | 1023.0 | 60 | NW | 5 | b | 1023.3 | * | 52 | -2 | NW | 1 | * | b | 1 | * | 68 | 51 | | | | | | | | | |
| | Algiers ... | 1019.0 | 59 | WNW | 4 | c | 1021.1 | +2 | 59 | ? | WNW | 2 | - | b | 2 | - | 66 | 57 | | | | | | | | | |
| | Malta ... | * | * | * | * | * | | | | | | | | | | | | | | | | | | | | | |
| Salonica ... | 1013.0 | 49 | - | 0 | o | 1012.9 | 0 | 48 | +7 | - | 0 | - | o | * | 1 | 58 | 41 | | | | | | | | | | |
| Athens ... | 1012.7 | 54 | N | 1 | b | 1011.8 | +1 | 55 | ? | ENE | 1 | SW | c | ? | 15 | 63 | 52 | | | | | | | | | | |
| Candia ... | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limassol ... | * | * | * | * | * | 1015.9 | 0 | 59 | -4 | NNW | 1 | W | o | 0 | - | 75 | 55 | | | | | | | | | | |
| Alexandria ... | 1018.0 | 64 | NW | 1 | bc | 1017.6 | 0 | 64 | -6 | SSW | 2 | W | bc | 0 | 1 | - | 77 | 59 | | | | | | | | | |
| Cairo (Helwan) ... | 1017.6 | 66 | - | 0 | o | 1017.7 | +2 | 59 | -2 | - | 0 | W | o | * | - | 75 | 55 | | | | | | | | | | |

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 826.

Friday, 29th November, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 28th NOVEMBER.

| STATIONS. | | EVENING OF...27 TH ... | | | | | MORNING OF...28 TH ... | | | | | | | | | | MORNING OF...28 TH ... | | | | | | | | |
|--------------------------------------------------------------------------------------------------|----------------|---------------------------------------|-----------|--------|----------------|----------|-----------------------------------|--------------------------|----------------------|---------------------------|--------|----------------|-------------------------------------|----------|-----------|-----------|---------------------------------------|-------|-------------------------------------------|---------------------------|--------|----------|----------------|--------|---------|
| | | Barom. Milli- bars at M.S.L. | Temp. | WIND | | Weather. | BAROMETER. | | TEMP. | | WIND. | | Rain- fall. Milli- metres. | TEMP. | | ICELAND. | Barom. Milli- bars at M.S.L. | TEMP. | | WIND. | | Weather. | | | |
| | | | | Dirac. | Force 0-12. | | Milli- bars at M.S.L. | Change in 3 hours. | Dry Bulb. ° F. | Change in 24 hours. | Dirac. | Force 0-12. | | Weather. | Max. | | | Min. | Dry Bulb. ° F. | Change in 24 hours. | Dirac. | | Force 0-12. | | |
| RUSSIA. | Orlov ... | * | ° F. * | × | × | × | | | | | | | | | ° F. * | ° F. * | | | | | | | | | |
| | Kem ... | * | * | * | * | * | | | | | | | | | × | × | | | | | | | | | |
| | Archangel ... | * | * | * | * | * | | | | | | | | | × | × | | | | | | | | | |
| | Mesen... | * | * | * | * | * | | | | | | | | | × | × | | | | | | | | | |
| SWEDEN. | Haparanda ... | 1017.0 | 32 | SW | 2 | 0 | 1021.1 | * | 28 | -6 | N | 2 | 0 | * | * | * | | | | | | | | | |
| | Hernösand ... | 1016.7 | 32 | - | 0 | 0 | 1017.5 | * | 37 | +7 | NE | 2 | 0 | * | * | * | | | | | | | | | |
| | Stockholm ... | 1014.6 | 37 | E | 2 | 0 | 1016.0 | * | 37 | 0 | SE | 2 | 0 | * | * | * | | | | | | | | | |
| | Wisby ... | 1013.3 | 39 | SSE | 2 | 0 | 1015.9 | * | 39 | +5 | S | 2 | 0 | * | * | * | | | | | | | | | |
| | Sordovalva ... | * | * | * | * | * | 1021.7 | * | 28 | -2 | W | 1 | 0 | * | * | * | | | | | | | | | |
| | Hangö ... | * | * | * | * | * | 1019.3 | * | 37 | +1 | - | 0 | 0 | * | * | * | | | | | | | | | |
| ITALY. | Venice ... | 1013.3 | 37 | - | 0 | f | 1013.9 | * | 37 | +7 | - | 0 | f | - | 41 | 30 | | | | | | | | | |
| | Turin ... | 1014.9 | 30 | - | 0 | f | 1016.3 | * | 27 | -3 | - | 0 | f | - | 34 | 25 | | | | | | | | | |
| | Pesaro ... | | | | | | | * | | | | | | | | | | | | | | | | | |
| | Leghorn ... | | | | | | | * | | | | | | | | | | | | | | | | | |
| | Rome ... | 1012.1 | 48 | - | 0 | r | 1007.0 | * | 46 | -11 | N | 1 | 0 | 17 | 52 | 46 | | | | | | | | | |
| | Viesti ... | 1013.9 | 54 | NW | 1 | 0 | 1009.5 | * | 48 | 0 | SW | 1 | 0 | - | 54 | 41 | | | | | | | | | |
| | Brindisi ... | | | | | | | * | | | | | | | | | | | | | | | | | |
| | Cagliari ... | 1013.7 | 54 | SE | 3 | C | 1012.6 | * | 50 | -2 | NW | 5 | 0 | 4 | 66 | 45 | | | | | | | | | |
| | Palermo ... | 1013.3 | 54 | - | 0 | C | 1011.7 | * | 57 | ? | S | 4 | 0 | 3 | 59 | 50 | | | | | | | | | |
| | Tripoli ... | | | | | | | * | | | | | | | | | | | | | | | | | |
| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM | | | | | | | | | | | | | | | | | | | 29 TH & 30 TH 1918. | | | | Sunrise. | Noon. | Sunset. |
| | | | | | | | | | | | | | | | | | | | | | | | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | | | | | | | | | | | | | | | | | | | | | | | 7.39 | 11.41 | 3.43 |
| Greenwich ... | | | | | | | | | | | | | | | | | | | | | | | 7.41 | 11.42 | 3.43 |
| | | | | | | | | | | | | | | | | | | | | | | | 7.42 | 11.48 | 3.54 |
| | | | | | | | | | | | | | | | | | | | | | | | 7.44 | 11.49 | 3.54 |
| Wick ... | | | | | | | | | | | | | | | | | | | | | | | 8.35 | 12.0 | 3.26 |
| | | | | | | | | | | | | | | | | | | | | | | | 8.37 | 12.1 | 3.25 |
| Valencia ... | | | | | | | | | | | | | | | | | | | | | | | 8.25 | 12.29 | 4.33 |
| | | | | | | | | | | | | | | | | | | | | | | | 8.27 | 12.30 | 4.33 |

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

| 29 th 430 th 1918. | Sunrise. | Noon. | Sunset. |
|------------------------------------------|----------|--------|---------|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7.39 | 11.41 | 3.43 |
| Greenwich ... | 7.41 | 11.42 | 3.43 |
| | 7.42 | 11.48 | 3.54 |
| | 7.44 | 11.49 | 3.54 |
| Wick ... | 8.35 | 12.0 | 3.26 |
| | 8.37 | 12.1 | 3.25 |
| Valencia ... | 8.25 | 12.29 | 4.33 |
| | 8.27 | 12.30 | 4.32 |

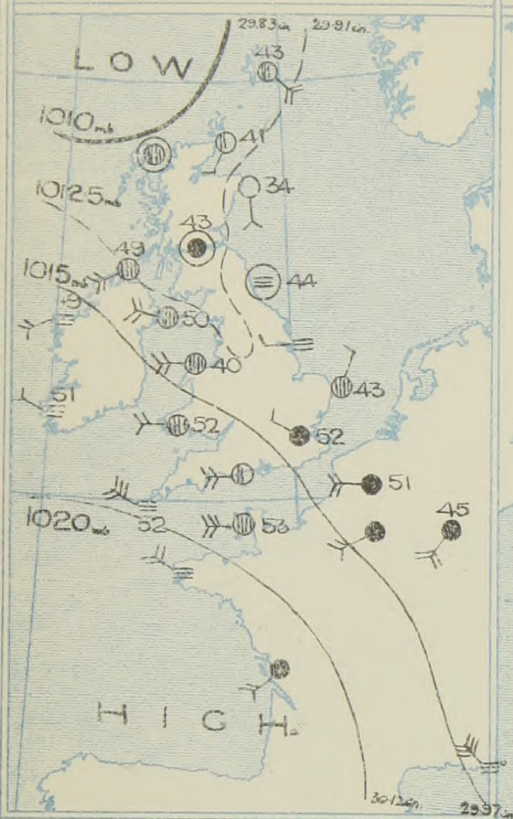
| LONDON | | HUMIDITY. | | Sun- shine for | TEMPERATURE. | | | Rain- fall. | WEATHER | | |
|--------------------------------------------------------------------------------|-----|------------------|------------------|----------------------|--------------|------|------------------|----------------|----------|------------|--------|
| | | 15 h. | 9 h. | | Max. | Min. | Min. on Grass | | Morning. | Afternoon. | Night. |
| 29 th NOVEMBER 9h. G.M.T. | | 28 th | 29 th | 28 th | | | | | | | |
| | | % | % | Hours. | ° F. | ° F. | ° F. | mm. | | | |
| GREEN WICH (Royal Observatory) | 94 | 99 | 0.0 | 52 | 45 | 44 | 6 | or | or | or | |
| CITY (Bunhill Row) | * | * | 0.0 | * | * | * | * | * | * | * | |
| WESTMINSTER (St. James's Park) | 94 | 99 | 0.0 | 52 | 46 | 42 | 6 | * | * | * | |
| (Roof near Charing Cross) | 93 | 98 | 0.0 | 52 | 46 | * | 5 | omr | odm | ormf | |
| CAMDEN SQ. (British Rainfall) | 100 | 100 | 0.0 | 52 | 45 | 44 | 6 | od | od | * | |
| KENSINGTON PALACE | 97 | 97 | * | 54 | 46 | 45 | 6 | dr | dr | * | |
| NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens. | | | | | | | | | | | |

| SOUTH KENSINGTON (M.O.) | | |
|------------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 28 th . | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 86 | 2.9 | 5 |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

29th, NOV, at 1h. G.M.T.

THE MORNING OF FRIDAY, 29th NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers. Calm.

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

☉ clear sky. ☁ sky & clouded. ☁ sky & clouded.

☁ sky & clouded. ☁ overcast sky. ☁ rain falling.

☁ snow. ☁ hail. ☁ fog. ☁ mist. ☁ thunder.

☁ thunderstorm. ☁ thunderstorm.

SEA DISTURBANCE.—Rough. High.

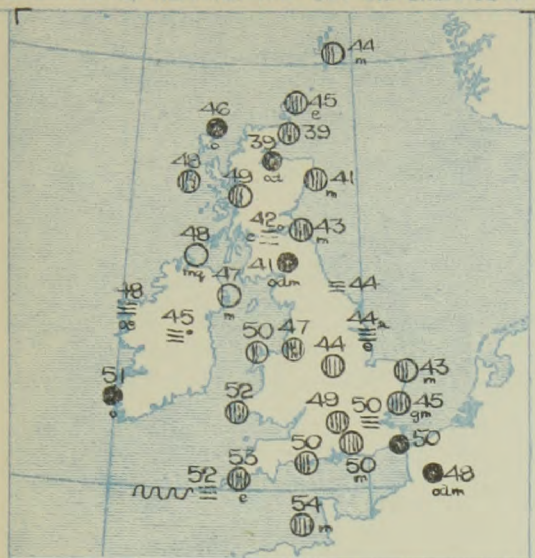


SCALE 1:500,000
Nautical Miles
Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°

Scale of Tints for NOVEMBER.



NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Mild rainy weather continued in nearly all districts, and except in the NE. Scotland, where 3-4 hours were recorded, the day was sunless. Though of long duration the falls of rain were nowhere very heavy, 14 mm. at Liverpool being the highest measurement. Mist or fog was prevalent over many districts.

The Conditions at 7h. Today

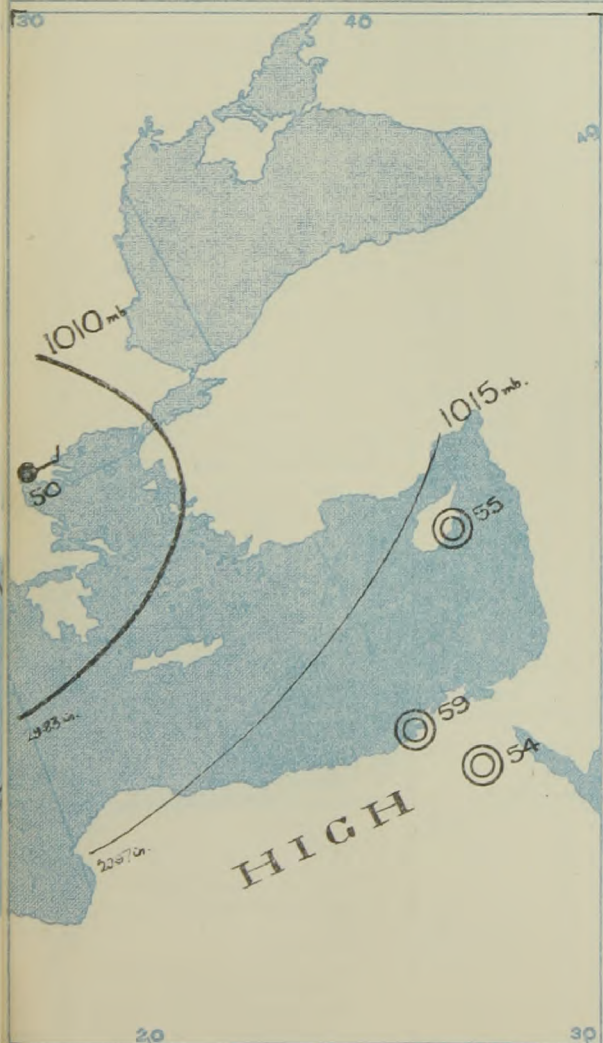
A shallow elongated area of low pressure covers the east coast of Great Britain, Eastern France and the Gulf of Genoa. Pressure is, however, increasing north of Paris. Winds are mainly moderate from NW. over NE. Ireland, Western Great Britain and Western France but are light and indefinite over the North Sea area and W. and S. Ireland. Rain is falling in many parts of the British Isles and France. The anticyclone over Portugal maintains its position with little change.

A depression in the North Atlantic whose presence is shown by Southerly gales, falling barometer and rain at the Azores has not yet made much eastward progress.

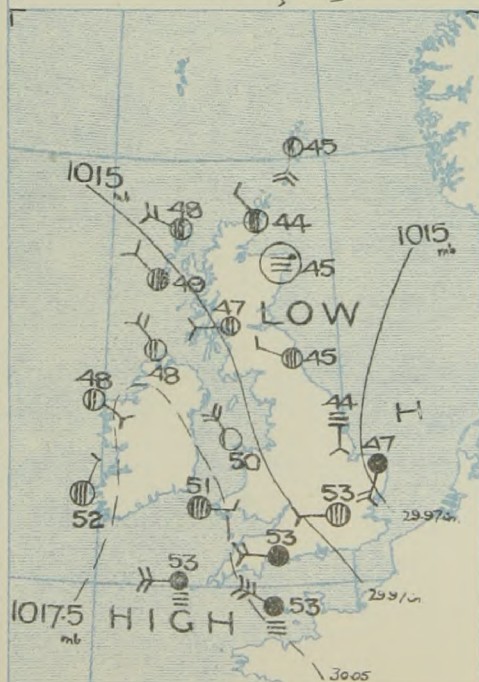
The Outlook

The shallow depression now over our eastern coasts will be followed by a ridge of relatively high pressure, accompanied by light to moderate W-NW. winds. Weather shows little tendency to improve, but heavy precipitation is improbable. The depression in the Azores region will probably affect our area in a day or so. On the whole, therefore, a continuance of unsettled conditions is probable.

W. H.

Friday, 29th

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



No change calling for special comment has occurred since this morning.

FRIDAY
29TH NOVEMBER

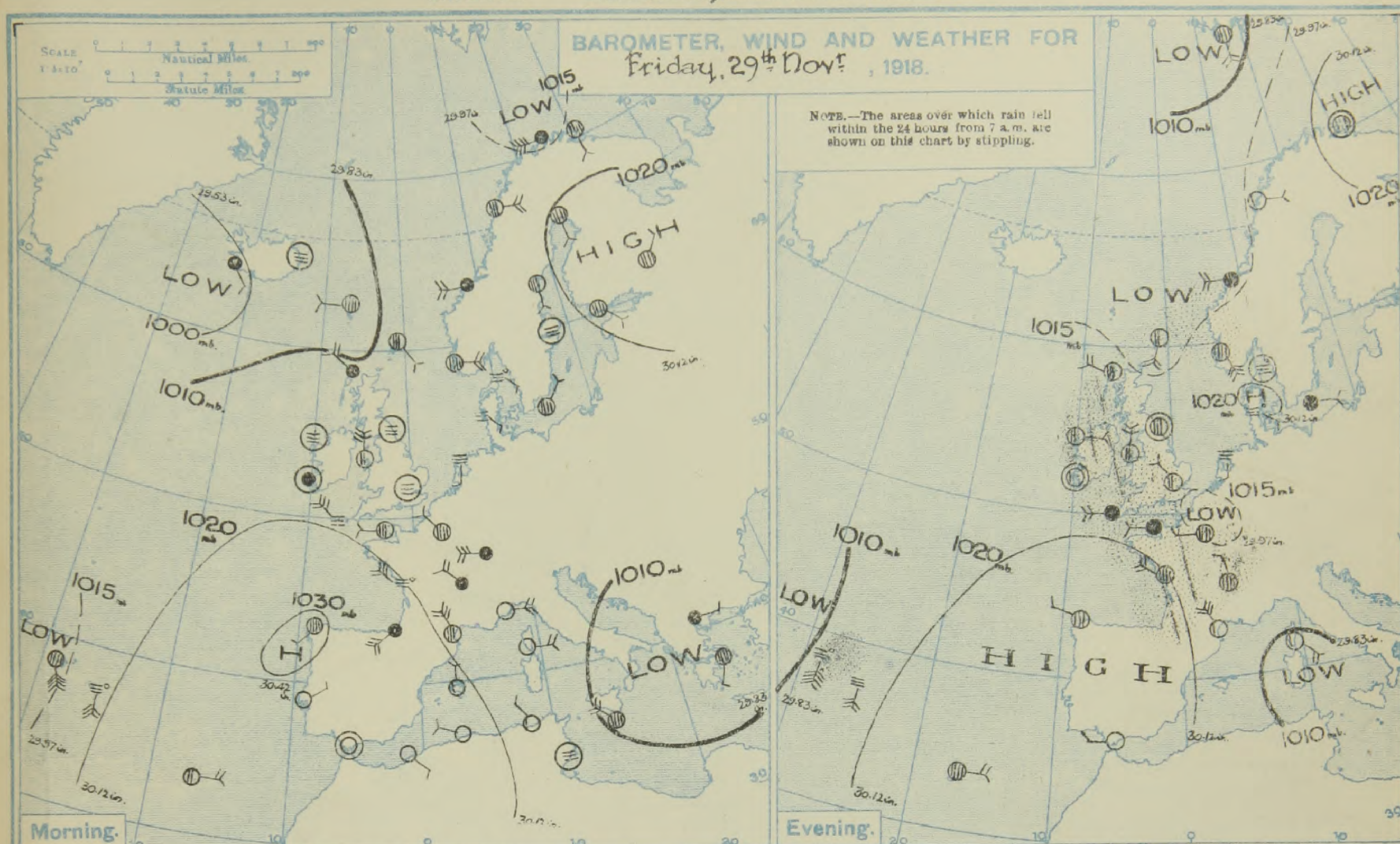
* Information for these columns not usually received.

† Received too late for insertion in Charts

† The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20827. Saturday, 30th November, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 29th NOVEMBER.

| STATIONS. | EVENING OF 28 th | | | | | MORNING OF 29 th | | | | | | | | | | MORNING OF 29 th | | | | |
|----------------|-----------------------------|-----------|------|-------------|----------|-----------------------------|--------------------|---------------|-------|-------------|----------|--------------------------|----------|----------|----------|-----------------------------|---------------|---------------------|-------|----------|
| | Barom. Milli-bars at M.S.L. | Temp. °F. | WIND | | Weather. | Barom. Milli-bars at M.S.L. | TEMP. | | WIND. | Force 0-12. | Weather. | Rain-fall. Milli-metres. | TEMP. | | ICELAND. | Barom. Milli-bars at M.S.L. | TEMP. | | WIND. | Weather. |
| | | | Dir. | Force 0-12. | | | Change in 3 hours. | Dry Bulb. °F. | | | | | Max. °F. | Min. °F. | | | Dry Bulb. °F. | Change in 24 hours. | | |
| RUSSIA. | | | | | | | | | | | | | | | | | | | | |
| Orlov ... | * | * | * | * | * | | | | | | | | | | | | | | | |
| Kem ... | * | * | * | * | * | | | | | | | | | | | | | | | |
| Archangel ... | * | * | * | * | * | | | | | | | | | | | | | | | |
| Mesen ... | * | * | * | * | * | | | | | | | | | | | | | | | |
| SWEDEN. | | | | | | | | | | | | | | | | | | | | |
| Haparanda ... | 1017.7 | 32 | N | 2 | 0 | 1021.0 | * | 30 | +2 | S | 2 | 0 | * | * | | | | | | |
| Hernösand ... | 1019.7 | 37 | SE | 2 | 0 | 1019.1 | * | 39 | +2 | S | 2 | 0 | * | * | | | | | | |
| Stockholm ... | 1018.1 | 37 | SSW | 2 | f | 1018.1 | * | 34 | -3 | - | 0 | 0 | * | * | | | | | | |
| Wisby ... | 1017.5 | 39 | S | 2 | m | 1017.6 | * | 30 | -9 | SSW | 2 | 0 | * | * | | | | | | |
| Sordovalva ... | * | * | * | * | * | 1022.0 | * | 19 | -9 | NE | 1 | 0 | * | * | | | | | | |
| Hangö ... | * | * | * | * | * | 1020.2 | * | 34 | -3 | SE | 2 | 0 | * | * | | | | | | |
| ITALY. | | | | | | | | | | | | | | | | | | | | |
| Venice ... | | | | | | | * | | | | | | | | | | | | | |
| Turin ... | | | | | | | * | | | | | | | | | | | | | |
| Pesaro ... | | | | | | | * | | | | | | | | | | | | | |
| Leghorn ... | | | | | | | * | | | | | | | | | | | | | |
| Rome ... | | | | | | | * | | | | | | | | | | | | | |
| Viesti ... | | | | | | | * | | | | | | | | | | | | | |
| Brindisi ... | | | | | | | * | | | | | | | | | | | | | |
| Cagliari ... | | | | | | | * | | | | | | | | | | | | | |
| Palermo ... | | | | | | | * | | | | | | | | | | | | | |
| Tripoli ... | | | | | | | * | | | | | | | | | | | | | |

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

| 30 th Nov 21 st Dec 1918. | Sunrise. | Noon. | Sunset. |
|-------------------------------------------------|----------|--------|---------|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 7.41 | 11.42 | 3.43 |
| Greenwich ... | 7.42 | 11.42 | 3.43 |
| Wick ... | 7.44 | 11.49 | 3.54 |
| Valencia ... | 7.45 | 11.49 | 3.54 |
| | 8.37 | 12.1 | 3.26 |
| | 8.38 | 12.1 | 3.25 |
| | 8.27 | 12.30 | 4.32 |
| | 8.28 | 12.30 | 4.32 |

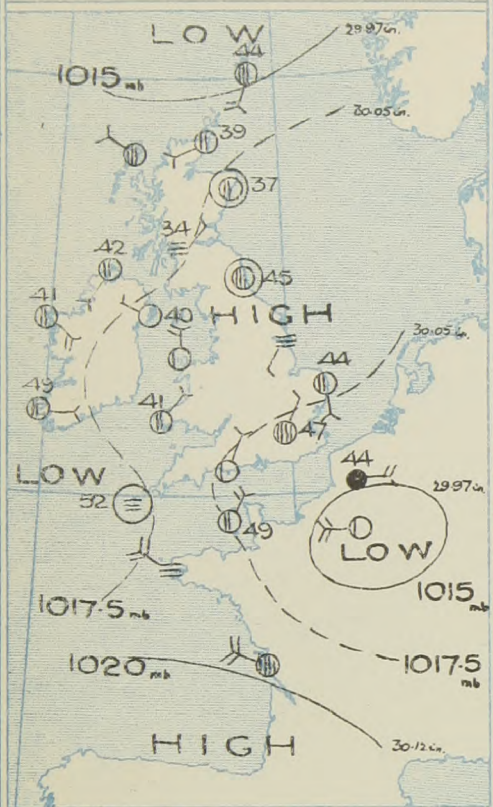
| LONDON | | HUMIDITY. | | Sun-shine for | TEMPERATURE. | | | | WEATHER. | | |
|--------------------------------------|--|------------------|------------------|------------------|--------------|------|----------------|------------|----------|------------|--------|
| 30 th NOVEMBER 9h. G.M.T. | | 15 h. | 9 h. | | Max. | Min. | Min. on Grass. | Rain-fall. | Morning. | Afternoon. | Night. |
| | | 29 th | 30 th | 29 th | ° F. | ° F. | ° F. | mm. | | | |
| GREENWICH (Royal Observatory) | | 94 | 95 | 0.0 | 52 | 40 | 35 | 0.3 | b.f | o.d | o.d |
| CITY (Bunhill Row) | | * | * | 0.0 | * | * | * | * | * | * | * |
| WESTMINSTER (St. James's Park) | | 96 | 91 | 0.0 | 53 | 44 | 38 | 2 | * | * | * |
| " (Roof near Charing Cross) | | 93 | 90 | 0.0 | 53 | 44 | * | 0.3 | omr | om/pd | om |
| CAMDEN SQ. (British Rainfall) | | 96 | 96 | 0.0 | 52 | 41 | 37 | 0.3 | f | o | * |
| KENSINGTON PALACE | | 95 | 90 | * | 54 | 43 | 34 | 1 | fe | fe | * |

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

| SOUTH KENSINGTON (M.O.) | | |
|-------------------------------------------------------------------------------------|---------------|-------------|
| Vertical Component of Solar Radiation per square Centimetre during 29 th | | |
| Total. | Average Rate. | Max. Rate. |
| Joules. | Milliwatts. | Milliwatts. |
| 22 | 0.7 | 4 |

30th, NOV, at 1h. G.M.T.

THE MORNING OF SATURDAY, 30th NOVEMBER 1918, at 7h. G.M.T.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers.

TEMPERATURE.—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

- clear sky.
- ◐ sky 1/2 clouded.
- ◑ sky 3/4 clouded.
- ◒ sky 2/3 clouded.
- ◓ overcast sky.
- rain falling.
- * snow.
- ▲ hail.
- ≡ fog.
- ≡° mist.
- T, thunder.

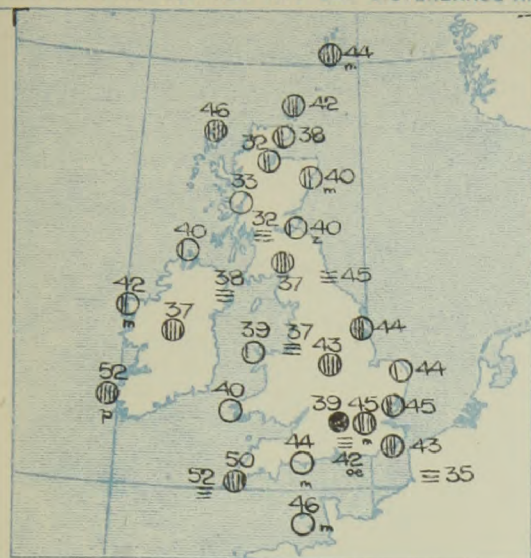
SEA DISTURBANCE.—Rough ~~~~~ High ~~~~~



SCALE 1:250,000
Nautical Miles
Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°
Scale of Tints for NOVEMBER.



NOTES.

AURORA observed last evening and night at NAIRN, ABERDEEN, LEITH, MALIN HEAD, VALENCIA, HARTLAND POINT, & LIVERPOOL.

Notes on the Weather of the 24 hours ended 7h. To-day.

Except in Scotland and NW. England where 2 hours of sunshine were recorded, the day was again generally dull and rain fell at most stations. Except at Scilly (12 mm) the amounts measured were small. Mist or fog was very prevalent. During the night there was an extensive auroral display which was observed as far south as Valencia and Hartland Point.

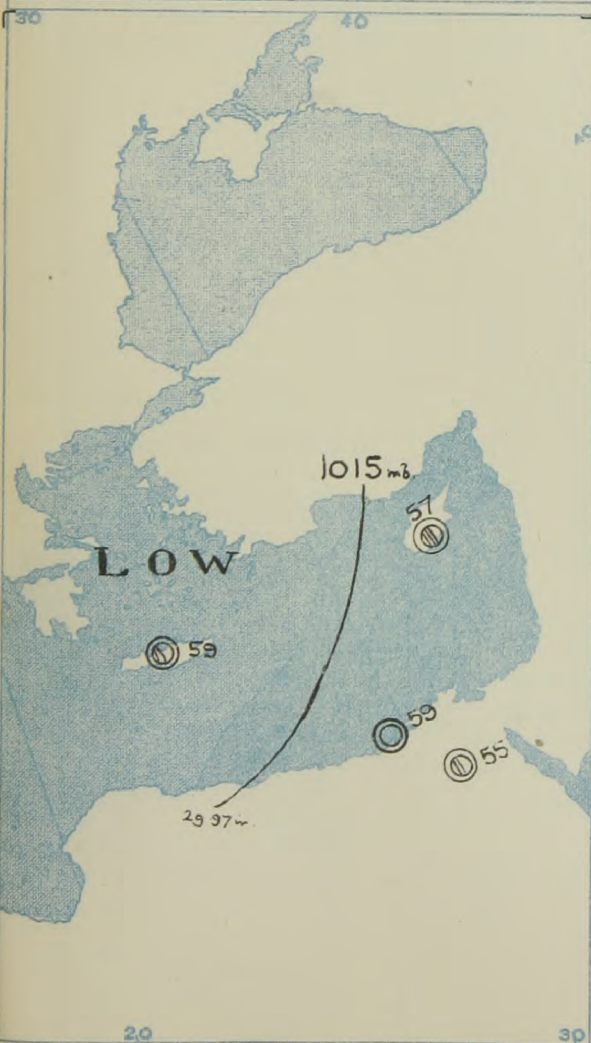
The Conditions at 7h. Today

Pressure has risen considerably over the North Sea area since yesterday and continues this morning. A large anticyclone now covers England, Germany, Southern Scandinavia, the Baltic and the Southern North Sea. Another high pressure area lies over the Iberian Peninsula. Pressure is low to north-west of the British Isles and westward of the Azores, where Southerly gales and rain are again reported. Wind has become moderate from points in the east quadrant over the Southern part of the British Isles, the English Channel and Northern France, but elsewhere winds are light from S. or SW. Rain is falling in SW. Ireland and parts of France, and snow is reported at Belfort.

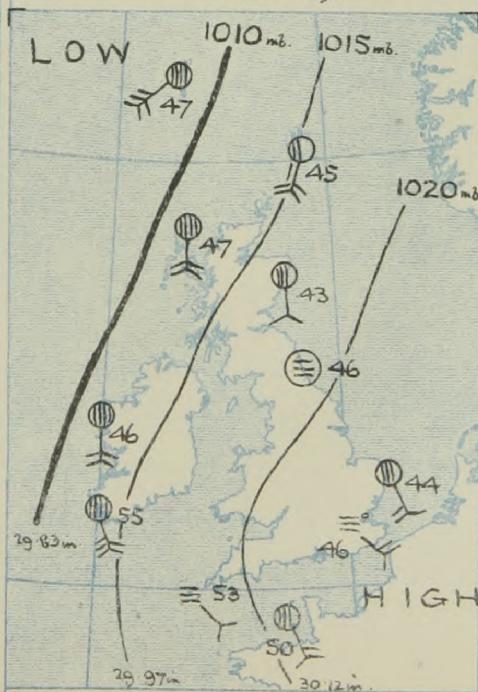
The Outlook

The barometer is falling in Ireland and rising over the eastern part of Great Britain. Winds will probably freshen from SE. or S. in the west with increased tendency for rain. The anticyclone will probably be the dominating factor in the east, where fair but rather cold weather is indicated.

M.H.

Saturday, 30th

NOVEMBER, 1918, at 13h. (1p.m.) G.M.T.



The barometer is falling slowly in the North and West, but continues to rise over England. Winds are freshening from between SE. and S.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No 334.

SATURDAY
30TH NOVEMBER

| STATIONS. | | EVENING OF 29 TH | | | | | MORNING OF 30 TH | | | | | | | | | | 24 HOURS ENDED 7 a.m. 30 TH | | | | | | Sun- shine for 29 TH Hours. |
|--------------------|----------------------------|---------------------------------------|--------------|--------|----------------|----------|-------------------------------------------|--------------------------|---------------------|----------------------------------|-------|---------------------------------|----------|------------|-------------------------------------|-------|----------------------------------------|----------|------------|--------|-----|--|----------------------------------------------------|
| | | Barom. Milli- bars at M.S.L. | Temp. °F. | WIND. | | Weather. | Barometer. Milli- bars at M.S.L. | Change in 8 hours. | TEMP. | | WIND. | Direc. of Upper Cloud. | Weather. | Sea 0-9 | Rain- fall. Milli- metres. | TEMP. | | WEATHER. | | | | | |
| | | | | Direc. | Force 0-12. | | | | Dry Bulb. °F. | Change in 24 hours. °F. | | | | | | Max. | Min. | Morning. | Afternoon. | Night. | | | |
| BRITISH ISLANDS. | Lerwick ... | 1013.2 | 44 | SSW | 4 | bc | 1014.9 | 0 | 44 | 0 | WNW | 5 | om | 2 | 1 | 45 | 41 | bc | bc | cm | | | |
| | Deerness (Orkney) ... | 1013.9 | 44 | WSW | 2 | bc | 1016.2 | * | 42 | -3 | SW | 3 | c | 3 | - | 46 | 39 | bc | bc | bc | 1.6 | | |
| | Stornoway ... | 1016.0 | 39 | WNW | 3 | c | 1014.9 | -1 | 46 | 0 | SW | 4 | o | 3 | 1 | 48 | 38 | or | c | c | 1.5 | | |
| | Castlebay (Barra Isd.) ... | 1016.7 | 46 | - | 0 | b | | | | | | | | | | | | c | o | b | | | |
| | Glasgow ... | 1016.8 | 41 | W | 1 | b | 1019.2 | 0 | 32 | -10 | WNW | 1 | m | * | 0.1 | 47 | 30 | me | bc | com | 2.1 | | |
| | Esksdalemuir ... | 1017.0 | 39 | N | 1 | bc | 1019.7 | +1 | 37 | -4 | - | 0 | W | * | 0.1 | 45 | 34 | odm | bc | bc | 2.0 | | |
| | Malin Head ... | 1016.1 | 45 | NW | 3 | bcm | 1016.0 | -2 | 40 | -8 | S | 3 | bm | 3 | 0.1 | 50 | 39 | bc | bc | bc | 2.0 | | |
| | Blacksod Point ... | 1015.8 | 45 | E | 2 | bcm | 1013.6 | -3 | 42 | -6 | ESE | 3 | bc | 4 | - | 48 | 40 | f | bc | bc | | | |
| | Valencia (Cahirciveen) ... | 1016.1 | 47 | - | 0 | b | 1014.4 | -1 | 52 | +1 | NE | 2 | op | 3 | 0.2 | 52 | 45 | o | c | c | 0.4 | | |
| | Roche's Point ... | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN EUROPE. | Birr Castle ... | 1018.0 | 45 | NE | 1 | m | 1016.7 | * | 37 | -8 | SE | 1 | o | * | - | 46 | 32 | f | f | ft | 0.0 | | |
| | Donaghadee ... | 1017.1 | 46 | NW | 3 | b | 1015.6 | 0 | 38 | -9 | WNW | 1 | bc | 1 | 0.1 | 50 | 37 | bc | bc | bc | | | |
| | Liverpool (Bidston) ... | 1016.7 | 45 | WNW | 2 | b | 1020.0 | +2 | 37 | -10 | SE | 1 | f | 1 | 1 | 49 | 36 | bc | bc | bc | 0.2 | | |
| | Holyhead ... | 1017.3 | 48 | N | 4 | bc | 1018.6 | 0 | 39 | -11 | SW | 2 | b | 1 | TRACE | 51 | 37 | bc | bc | bc | 2.3 | | |
| | Pembroke (St Ann's) ... | 1018.2 | 46 | NNE | 2 | b | 1018.8 | 0 | 40 | -12 | ENE | 2 | b | 2 | - | 53 | 40 | o | c | bc | 0.0 | | |
| | Hartland Quay ... | 1017.2 | 50 | NE | 2 | b | 1018.3 | 0 | 47 | -5 | ESE | 4 | bc | 3 | 1 | 53 | 46 | odm | om | om | * | | |
| | Scilly (St. Mary's) ... | 1017.5 | 52 | W | 4 | cd | 1017.3 | 0 | 52 | 0 | SE | 3 | f | 4 | 12 | 53 | 51 | f | f | fe | 0.0 | | |
| | Falmouth ... | 1017.1 | 52 | NW | 2 | odm | 1017.6 | 0 | 50 | -3 | E | 4 | o | * | 3 | 54 | 49 | od | od | od | 0.0 | | |
| | Jersey (St. Aubin) ... | 1016.8 | 54 | W | 2 | odm | 1018.3 | +1 | 46 | -8 | NE | 2 | bm | 1 | 7 | 55 | 45 | od | od | od | 0.0 | | |
| | Portland Bill ... | 1015.9 | 50 | NW | 3 | bc | 1018.1 | +2 | 44 | -6 | ENE | 3 | bm | 3 | 1 | 53 | 43 | cd | o | bc | * | | |
| FRANCE, &c. | Dungeness ... | 1014.0 | 50 | N | 3 | om | 1018.9 | +3 | 43 | -7 | E | 3 | c | 3 | 1 | 51 | 43 | od | od | od | * | | |
| | Wick ... | 1015.0 | 43 | WNW | 2 | c | 1016.2 | 0 | 38 | -1 | SW | 2 | bc | 2 | - | 44 | 36 | om | om | om | * | | |
| | Nairn ... | 1016.9 | 43 | W | 1 | cg | 1016.6 | * | 32 | -7 | - | 0 | bc | 1 | 0.1 | 48 | 31 | cg | cg | cg | 0.2 | | |
| | Aberdeen ... | 1015.9 | 44 | - | 0 | om | 1018.1 | 0 | 40 | -1 | WSW | 2 | bc | 2 | 1 | 45 | 37 | om | om | om | 0.0 | | |
| | Leith ... | 1015.6 | 45 | SW | 1 | b | 1018.2 | 0 | 40 | -3 | SE | 1 | bc | 2 | - | 48 | 37 | om | om | om | * | | |
| | Tynemouth ... | 1015.6 | 45 | - | 0 | cm | 1019.2 | +1 | 45 | +1 | - | 0 | f | 2 | - | 46 | 43 | f | cm | cm | * | | |
| | Spurn Head ... | 1015.8 | 45 | - | 0 | fe | 1020.5 | +1 | 44 | 0 | SSW | 2 | c | 2 | 1 | 45 | 42 | f | fe | fe | 0.0 | | |
| | Yarmouth (Gorleston) ... | 1015.5 | 45 | SSE | 3 | r | 1021.1 | +3 | 44 | +1 | SSE | 3 | b | 3 | 1 | 47 | 40 | cm | om | om | 0.0 | | |
| | Clacton-on-Sea ... | 1015.5 | 46 | SE | 3 | ogm | 1020.8 | +4 | 45 | 0 | ESE | 4 | bc | 3 | 1 | 46 | 43 | ogm | ogm | ogm | 0.0 | | |
| | Nottingham ... | 1015.8 | 44 | WNW | 1 | b | 1020.3 | * | 43 | -1 | SE | 1 | o | * | 0.2 | 50 | 39 | ogm | om | om | 0.0 | | |
| IBERIA, &c. | Benson (Oxon.) ... | 1016.1 | 43 | NW | 1 | b | 1019.1 | +2 | 39 | -10 | - | 0 | r | * | 1 | 51 | 35 | odo | o | o | * | | |
| | St. Farnborough ... | 1016.4 | 45 | WNW | 2 | b | 1019.8 | +2 | 42 | -8 | WNW | 2 | og | * | 2 | 52 | 37 | odm | om | om | 0.0 | | |
| | Salisbury Plain ... | 1016.4 | 44 | N | 1 | b | 1019.5 | +2 | 39 | -12 | - | 0 | f | * | TRACE | 52 | 32 | od | od | od | * | | |
| | London (Kew Obs.) ... | 1015.8 | 48 | NW | 2 | bc | 1020.3 | +2 | 45 | -5 | ENE | 2 | om | * | 0.2 | 52 | 40 | od | od | od | 0.0 | | |
| | Spitsbergen ... | 1008.4 | 30 | S | 4 | o | 1007.8 | 0 | 34 | ? | S | 4 | b | * | * | 30 | 14 | | | | | | |
| | Vardo ... | 1020.2 | 34 | - | 0 | o | 1022.4 | +1 | 28 | -2 | S | 2 | o | 3 | * | 34 | 27 | | | | | | |
| | Gjesvær ... | 1018.0 | 37 | W | 3 | o | 1017.0 | ? | 32 | -7 | SE | 4 | b | 3 | 5 | 39 | 30 | | | | | | |
| | Bodø ... | 1016.6 | 36 | E | 2 | b | 1015.9 | 0 | 36 | +4 | E | 4 | b | 2 | - | 36 | 30 | | | | | | |
| | Christiansund ... | 1014.7 | 41 | W | 4 | r | 1014.0 | 0 | 45 | +6 | W | 3 | c | 3 | 12 | 41 | 37 | | | | | | |
| | Skudesnaes ... | 1018.1 | 43 | SSE | 6 | o | 1020.0 | +1 | 41 | -2 | SSE | 7 | o | 5 | TRACE | 43 | 41 | | | | | | |
| MEDITERRANEAN. | Færder (Kjellerfjord) ... | 1019.4 | 37 | SE | 1 | o | 1022.0 | +3 | 34 | -2 | WNW | 1 | f | 1 | - | 37 | 34 | | | | | | |
| | The Scaw (Skagen) ... | 1018.7 | 37 | - | 0 | m | 1021.5 | +1 | 41 | 0 | NW | 1 | o | 1 | - | 43 | 37 | | | | | | |
| | Blaavands Huk ... | 1020.0 | 34 | ESE | 1 | m | 1024.6 | +5 | 32 | -2 | E | 1 | m | * | - | 37 | 28 | | | | | | |
| | Copenhagen ... | 1018.9 | 36 | N | 2 | o | 1022.0 | +2 | 34 | -5 | - | 0 | f | * | - | 39 | 32 | | | | | | |
| | Bornholm ... | 1016.7 | 39 | E | 2 | r | 1020.6 | +2 | 37 | -2 | NE | 2 | r | 0 | 12 | 41 | 36 | | | | | | |
| | The Heider ... | 1017.2 | 37 | S | 1 | f | 1022.4 | +3 | 39 | +5 | ESE | 1 | o | 0 | TRACE | 39 | 32 | | | | | | |
| | C. Gris Nez ... | 1014.4 | 48 | SE | 1 | m | 1017.4 | +2 | 34 | -14 | ESE | 2 | bc | * | TRACE | 48 | 36 | | | | | | |
| | La Hève ... | 1015.5 | 50 | W | 3 | f | 1017.9 | +2 | 48 | -2 | - | 0 | o | * | TRACE | 52 | 48 | | | | | | |
| | Brest (St. Mathieu) ... | 1020.0 | 54 | WNW | 4 | o | 1017.9 | 0 | 54 | 0 | NW | 3 | f | * | 3 | 55 | 52 | | | | | | |
| | Rochefort (Île d'Aix) ... | 1021.0 | 52 | WNW | 4 | o | 1018.3 | 0 | 54 | ? | NW | 2 | r | * | 4 | 55 | 52 | | | | | | |
| | Biarritz ... | | | | | | 1021.5 | -1 | 57 | +3 | W | 4 | r | * | 17 | 57 | 54 | | | | | | |
| | Paris ... | 1014.9 | 52 | W | 1 | o | 1019.3 | +5 | 41 | -11 | NNE | 2 | o | * | 3 | 54 | 41 | | | | | | |
| | Belfort ... | | | | | | 1019.0 | * | 32 | -11 | E | 4 | s | * | 2 | 48 | 32 | | | | | | |
| | Lyons ... | 1016.4 | 50 | NNW | 1 | o | 1015.8 | +1 | 46 | -2 | - | 0 | r | * | 6 | 54 | 46 | | | | | | |
| | Nice ... | | | | | | ? | ? | 45 | -1 | ? | ? | b | * | - | 54 | 39 | | | | | | |
| | Perpignan ... | 1016.6 | 63 | NW | 5 | b | 1016.3 | -1 | 59 | +4 | NW | 5 | c | * | - | 64 | 55 | | | | | | |
| | Sanguinaire ... | 1009.2 | 55 | SE | 3 | b | 1008.3 | +1 | 54 | ? | SE | 3 | c | * | - | 63 | 52 | | | | | | |
| | Corunna ... | 1028.3 | 57 | WNW | 1 | c | 1025.9 | 0 | 50 | -4 | - | 0 | o | 4 | - | 61 | 48 | | | | | | |
| | Madrid ... | | | | | | | | | | | | | | | | | | | | | | |
| | Lisbon ... | | | | | | | | | | | | | | | | | | | | | | |
| | Azores (Horta) ... | 1010.3 | * | S | 8 | m | 1007.7 | -3 | 63 | -1 | S | 9 | r | 7 | 34 | 68 | 61 | | | | | | |
| | " (P. Delgada) ... | 1017.7 | * | S | 5 | f | 1015.9 | -2 | 64 | 0 | S | 5 | m | 7 | - | 68 | 64 | | | | | | |
| | Madeira ... | 1024.3 | 64 | E | 3 | o | 1024.6 | 0 | 57 | -6 | E | 2 | b | 3 | - | 70 | 57 | | | | | | |
| | Gibraltar ... | 1022.7 | 54 | W | 1 | b | 1021.3 | * | 47 | -3 | - | 0 | b | 2 | - | 65 | 46 | | | | | | |
| | Algiers ... | 1021.9 | 55 | - | 0 | bc | 1019.7 | +1 | 55 | ? | WSW | 5 | bc | 2 | - | 63 | 52 | | | | | | |
| | Malta ... | * | * | * | * | * | | | | | | | | | | | | | | | | | |
| | Salonica ... | | | | | | | | | | | | | | | | | | | | | | |
| | Athens ... | | | | | | | | | | | | | | | | | | | | | | |
| | Candia ... | 1013.5 | 57 | - | 0 | b | 1010.6 | ? | 59 | ? | - | 0 | bc | 0 | - | 68 | 54 | | | | | | |
| | Limassol ... | * | * | * | * | * | 1015.3 | 0 | 57 | +2 | - | 0 | s | 0 | 1 | 72 | 52 | | | | | | |
| Alexandria ... | 1017.5 | 64 | - | 0 | b | 1017.9 | 0 | 59 | 0 | - | 0 | b | 1 | - | 75 | 55 | | | | | | | |
| Cairo (Helwan) ... | 1016.7 | 63 | N | 2 | b | 1016.4 | +1 | 55 | +1 | - | 0 | bc | * | - | 72 | 50 | | | | | | | |

| THE BEAUFORT SCALE OF WIND FORCE. | | |
|-----------------------------------|-------------------------|--------------------|
| No. | Limits of Velocity. | |
| | Statute miles per hour. | Metres per second. |
| 0 | Less than 1 | Less than 0.3 |
| 1 | 1-3 | 0.3-1.5 |
| 2 | 4-7 | 1.6-3.3 |
| 3 | 8-12 | 3.4-5.4 |
| 4 | 13-18 | 5.5-7.9 |
| 5 | 19-24 | 8.0-10.7 |
| 6 | 25-31 | 10.8-13.8 |
| 7 | 32-38 | 13.9-17.1 |
| 8 | 39-46 | 17.2-20.7 |
| 9 | 47-54 | 20.8-24.4 |
| 10 | 55-63 | 24.5-28.4 |
| 11 | 64-75 | 28.5-33.5 |
| 12 | Above 75 | 33.6 or above |

BEAUFORT NOTATION.
b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. i lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, i.e., rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received.

+ Received too late for insertion in Charts

± The barometric change is expressed in half-millibars